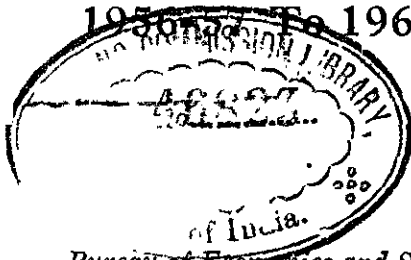




SECOND FIVE-YEAR PLAN ANDHRA PRADESH

REVIEW OF PROGRESS

1956-57 To 1960-61



*Bureau of Economics and Statistics
Government of Andhra Pradesh, Hyderabad*

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CONTENTS

PREFACE CONTENTS

PAGE

iii

I.	SALIENT SOCIO ECONOMIC FEATURES OF ANDHRA PRADESH	1- 8
II.	(a) Reveiw of Progress of Plan Schemes during the Second Plan	9- 29
	(b) Analysis of Expenditure on Plan Schemes	30- 81
	(c) Resources for the Second Five Year Plan	81- 88
	(d) Physical Targets and Achievements	38-87
III.	IMPACT OF THE PLAN ON	
	(a) Agricultural Production	38- 41
	(b) Industrial Production	43- 45
	(c) Prices	46- 47
	(d) Growth of State Revenues	48- 49
	(e) State Income	49- 53
	(f) Employment	58- 57
IV.	PROGRESS OF PLAN SCHEMES DURING 1960-61	59- 62
V.	AGRICULTURAL PRODUCTION	68-143
VI.	MINOR IRRIGATION	145-158
VII.	LAND DEVELOPMENT	155-157
VIII.	ANIMAL HUSBANDBY.	159-199
IX.	DAIRYING AND MILK SUPPLY.	201-207
X.	FORESTS.	209-225
XI.	SOIL CONSERVATION.	227-237
XII.	FISHERIES	239-253
XIII	CO-OPERATION, WAREHOUSING AND MARKET-ING	255-279
XIV.	MISCELLANEOUS	281-285
XV.	STRENGTHENING OF PANCHAYATS	287-289

XVI. COMMUNITY DEVELOPMENT	291-295
XVII. PEOPLE'S CONTRIBUTION	296-297
XVIII. MULTIPURPOSE PROJECTS	299-305
XIX. IRRIGATION	307-331
XX. POWER	333-341
XXI. LARGE AND MEDIUM INDUSTRIES	343-349
XXII. VILLAGE AND SMALL SCALE INDUSTRIES	351-448
XXIII. ROADS INCLUDING TOURISM.	445-457
XXIV. ROAD TRANSPORT	459-461
XXV. Education	463-495
XXVI. MEDICAL	497-533
XXVII. PUBLIC HEALTH	535-549
XXVIII. URBAN WATER SUPPLY AND SANITATION	551-559
XXIX. HOUSING	561-567
XXX. LABOUR AND LABOUR WELFARE	569-585
XXXI. WELFARE OF BACK WARD CLASSES, SCHEDULED CASTES AND EX-CRIMINAL TRIBES	587-605
XXXII. WELFARE OF SCHEDULED TRIBES	607-665
XXXIII. WOMEN WELFARE	667-671
XXXIV. SOCIAL WELFARE	673-679
XXXV. DEVELOPMENT OF CAPITAL	681-689
XXXVI. MUNICIPAL ROADS AND DEVELOPMENT WORKS	691-693
XXXVII. BROADCASTING	695-697
XXXVIII. PUBLICITY	699-705
XXXIX. STATISTICS	707-713

PREFACE.

This is the 5th and last issue in the series of "Review of Progress of Second Plan Schemes—Andhra Pradesh". The first three issues in the series were prepared and published by the Planning and Local Administration Department, Government of Andhra Pradesh. Later, the work was transferred to the Bureau.

In the present issue, the progress of all Plan Schemes during the entire Plan period has been covered instead of the progress in the last year of the Second Plan alone as it is felt that it would be much more useful at this stage to have an overall idea of the Second Plan progress. However, the details of the financial and physical targets and achievements during each year of the Second Plan period are given in respect of each scheme in the Statements appended to the Chapters on the 34 Minor Heads of Development.

The figures relating to the first four years of the Second Plan presented in this issue may differ in respect of some schemes with those published in the earlier issues of the Review. The data given in this publication is the latest and is based on information subsequently made available in respect of individual schemes.

It is felt that as the Second Plan is over, it would be in the fitness of things to make an assessment of the overall impact of the Plan on the different sectors of the economy. With this view, a separate chapter entitled "Impact of the Plan" on different sectors of the State's economy is included.

I thank the Heads of Departments for their kind co-operation in the preparation of this Review. My special thanks are due to Sri C. Narasimham, I. A. S., Secretary to Government, Planning and Local Administration Department for his valuable guidance in the preparation of this Review.

Hyderabad-4,
10th October 1961.

D. RANGA RAMANUJAM,
Director
Bureau of Economics & Statistics

CHAPTER I

SALIENT SOCIO-ECONOMIC FEATURES OF ANDHRA PRADESH:

The State was formed on 1st November, 1956 by the integration of Telangana region of the erstwhile Hyderabad State with the former Andhra State. It extends over an area of 106,052 square miles forming 8.4% of the total geographic area of the Indian Union. The total population of the State according to the provisional results of 1961 Census was 35.98 millions or 8.2% of estimated population of the Indian Union. The State's population is larger than that of Canada, Australia, Philippines, Yugoslavia, Iran, U.A.R. Both in area and population, Andhra Pradesh is bigger than Ceylon, Austria, Belgium, Czechoslovakia and Switzerland.

Growth of Population:

The population of Andhra Pradesh increased from 31.26 millions in 1951 to 35.98 millions in 1961. There was thus an increase of 15.1% in the population during the decennium ending March, 1961. The density of population of the State increased from 294 per square mile in 1951 to 340 per square mile in 1961. There has been improvement in literacy in the State which has increased from 12.3% to 20.8% during this period.

Occupational Distribution:

Details of occupational distribution of population in 1961 are not yet available. According to the 1951 Census, 67.3% of the population was dependent on agricultural occupations while the remaining 32.7% was dependent on non-agricultural occupations.

Though there might be slight changes in the occupational pattern in 1961, it may not differ widely from that of 1951.

Labour Force:

The preliminary results of the Socio-Economic Survey conducted by the Bureau in 1958-59 revealed that 43.1% of the total population formed the labour force in Andhra Pradesh. On this basis, the total labour force in the

State is estimated at 14.47 millions at the commencement of the Second Plan and 15.51 millions by the end of the Plan period. There was thus an increase of 1.044 millions in the labour force in the State during the Plan period.

Employment Exchanges:

At the beginning of the Second Plan, there were 112 Employment Exchanges in the State and with a view to establishing at least one Employment Exchange in each district, 9 more exchanges including the one at Nagarjunasagar, were opened during the Plan period. Thus, by the end of March, 1961, there was an employment exchange in each of the 20 districts in the State, to assist the employment seekers in securing jobs. The following table indicates the number of exchanges, the number of applicants on the live-registers of Employment Exchanges and the placements effected during each year of the Second Plan.

TABLE I
REGISTRATIONS AND PLACEMENTS DURING
SECOND PLAN.

<i>Srl. No.</i>	<i>Period Ending</i>	<i>No. of Employment Exchanges.</i>	<i>No. of Applicants on live-register.</i>	<i>Placements effected during the year.</i>
1	2	3	4	5
1.	31-3-1956	.. 12	66,949	16,2911
2.	31-3-1957	.. 13	61,034	9,9044
3.	31-3-1958	.. 17	78,210	14,4777
4.	31-3-1959	.. 19	1,07,144	18,9566
5.	31-3-1960	.. 19	1,05,620	19,3322
6.	31-3-1961	.. 21	1,02,382	21,1588

It may thus be seen from the above table that there has been a steady increase in the number of applicants on the live-registers of Employment Exchanges from 0.67 lakh on 31-3-1956 to 1.02 lakhs on 31-3-1961 which was partly due to the increase in coverage and increase in the labour force. On an average, these Exchanges secured jobs for about 17 thousand persons per year during the Plan period.

Agriculture.

Land Utilisation.—Of the total geographical area of 67.45 million acres, 26.91 million acres was sown with crops in 1959-60, (the latest year for which firm figures are available), while 14.61 million acres was under Forests. Thus, 39.8% of the geographical area of the State was utilised for raising crops and 21.7% of the total area was under Forests. The following table furnishes the particulars of Land Utilisation in 1959-60.

TABLE

(in '000 Acres)

<i>Srl. No.</i>		<i>Andhra Pradesh.</i>	<i>Percentage</i>
1.	Forests	14,614	21.7
2.	Barren and uncultivable land ..	5,762	8.5
3.	Land put to Non-agricultural uses	4,203	6.2
4.	Cultivable Waste	4,341	6.4
5.	Permanent Pastures and other grazing land	3,050	4.5
6.	Land under miscellaneous trees, crops and groves not included in net area sown	680	1.0
7.	Current Fallows	5,504	8.2
8.	Fallow lands other than current fallows	2,391	3.5
9.	Net area sown	26,907	39.8
10.	Total geographical Area	67,452	100.0
11.	Gross cropped Area	29,521	..
12.	Double cropped area	2,614	..

Livestock.

The total livestock population in the State increased from 29.51 millions in 1956 to 32.65 millions in 1961, thereby showing an increase of 10.6% during the quinquennium. The following statement gives the details of the livestock population in 1956 and 1961.

NUMBER OF LIVESTOCK AND POULTRY.

		(in '000)		
Srl. No.	Category.	1956	1961	Per- centage increase
1.	Cattle	11,277	12,345	+9.47
2.	Buffaloes	5,968	6,949	+16.43
3.	Sheep and Goats	11,540	12,610	+9.27
4.	Other Livestock	729	769	+5.49
5.	Total Livestock	29,513	32,651	+10.63
6.	Poultry	14,737	16,248	+10.03

Agricultural Production.

Taking into account the average production of the period 1955-56 to 1959-60, the production of cereals in the State formed 9.9% of the total production in India. The State accounted for 44.5% of the production of Castor, 45.7% of Tobacco, 27.7% of Chillies, 2.4% of Groundnuts, 11.2% of sesamum and 7.8% of sugarcane production in the country.

Electricity:

There has been a substantial improvement in the generation and consumption of electricity in the State during the Plan period as may be noted from the following table :

TABLE II
ELECTRICITY GENERATED IN ANDHRA PRADESH

<i>Srl. No.</i>	<i>Item.</i>	<i>Unit.</i>	1956	1960(P)
(1)	(2)	(3)	(4)	(5)
1.	Installed capacity	.. 1000 K. W.	99†	213*
2.	Electricity Generated (including Purchases)	Million. K.W.H.	189†	881.7
3.	Industrial consumption	.. do.	90.8	374.7
4.	Non-Industrial consumption	.. do.	76.8	163.8
5.	Villages and Towns Electrified	No.	700†	319.7
6.	Per-capita consumption.	.. Units.	7†	15*

†1955-56 ; *1960-61; P=Provisional.

Thus, the installed capacity was more than doubled during the Plan period. The electricity generated in 1960 formed 466% of that in 1955-56. The electricity consumed for industrial purposes in 1960 was more than four times that of 1956 while non-industrial consumption increased by more than 2 times during this period. The number of villages and towns electrified increased from 700 at the beginning of the Plan to 3206 by the end of 1960-61. As a result of these improvements, the per capita consumption has sharply increased from 7 units at the beginning of Second Plan to 15 units by the end of Second Plan.

Transport and Communications:

There has been a substantial improvement in the Transport and Communications facilities in Andhra Pradesh during the Second Plan period. The total number

of vehicles on the roads increased from 20,232 in 1956 to 46,001 in 1960. The number of post offices increased from 6,083 to 9,142 while the number of Telephone connections increased from 9,630 to 17,127 during this period. The following table gives the details of transport and communications facilities during the Plan period.

TABLE

<i>Srl. No.</i>	<i>Particulars.</i>	1956	1960.
(1)	(2)	(3)	(4)
1.	National Highways. (Miles)	1,365	1,398
2.	State Highways Do	4,327	4,956
3.	Railways Do	2827*	2882
4.	State carriages No.	2,955	3,556
5.	Goods vehicles. „	6,628	8,315
6.	Cars. „	11,281	13,483
7.	Motor cycles „	3,644	4,630
8.	Taxis „	275	433
9.	Other Vehicles „	84	3114
10.	Post Offices. „	6,083	9,112
11.	Telegraph Offices. „	348	503
12.	Telephone Exchanges „	65	122
13.	Telephone Connections „	9,630	17,127

Industries:

Though the State is predominantly agricultural in character, there has been substantial improvement in the number of factories as also the number of workers employed in them during the Plan period. There were 2985 industrial establishments coming under the Factories Act in Andhra Pradesh in 1956. Their number increased to 5341 by the end of 1959. The number of workers employed in the Factories increased from 1.30 lakhs in 1956 to 1.79 lakhs in 1959. Though there has thus been a substantial improvement in the number of factories during the Plan period, bulk of these units are small enterprises and the few important large-scale industries in the State are Shipbuilding, Oil refinery, Cotton, Sugar, Cement and Cigarette industries.

*as on 31-3-1957

Joint Stock Companies

Though there was a steady decline in the number of Joint Stock Companies from 587 in 1955-56 to 446 in 1960-61, the paid-up capital has increased from Rs. 20.75 crores to Rs. 24.57 crores during this period as detailed in the following table.

TABLE III
JOINT STOCK COMPANIES

<i>Srl. No.</i>	<i>Year</i>	<i>No. of companies.</i>	<i>Total paid up capital (Rs. in crores)</i>
(1)	(2)	(3)	(4)
1.	1955-56	587	20.75
2.	1956-57	573	22.66
3.	1957-58	533	21.87
4.	1958-59	448	20.91
5.	1959-60	448	22.71
6.	1960-61	446	24.57

Co-operation

The Co-operative Movement received a good impetus during the Plan period as may be noted from the following table.

TABLE IV

<i>Srl. No.</i>	<i>Particulars.</i>	1955-56	1959-60
(1)	(2)	(3)	(4)
1.	Number of Societies. ..	18,444	23,635
2.	Number of members (Lakhs) .	20.79	30.44
3.	Paid-up capital (Rs. in crores) ..	7.33	17.21
4.	Reserves & other funds (Rs. in crores)	4.46	8.70
5.	Other Deposits, Borrowings, and Debentures (Rs. in crores)	46.85	84.20
6.	Working capital (,,)	54.48	110.52

Thus the number of societies increased from 18,444 in 1955-56 to 23,635 in 1959-60, number of members from 20.79 lakhs to 30.44 lakhs and the working capital from Rs. 54.48 crores to Rs. 110.52 crores. The increase in the number of societies amounted to 28.1%, membership to 46.4% and working capital to 102.9%.

Education

There has also been a substantial improvement in the educational facilities in the State as shown below :

TABLE V
EDUCATIONAL INSTITUTIONS IN ANDHRA PRADESH

Srl. No.	Particulars.	1955-56	1959-60.
1	2	3	4
1.	Primary Schools (No.) ..	29,076	32,556
2.	Scholars in schools (No.) ..	24,81,329	26,80,154
3.	Middle Schools including (No.) Senior Basic.	329	817
4.	Scholars. (No.)	87,397	1,85,769
5.	High Schools including (No.) Higher Secondary.	733	1,082
6.	Scholars. .. (No.)	3,71,704	4,91,941
7.	Colleges for General Education (No.) excluding University Colle- ges at Waltair and Tirupathi.	53	60

Hospitals and Dispensaries

By the end of 1959-60, there were 264 urban and 730 rural hospitals and dispensaries with a bed strength of 19,411 as against 183 urban and 593 rural hospitals and dispensaries with a bed strength of 16,128 at the commencement of the Second Plan. The number of doctors increased from 923 in 1955-56 to 1,500 in 1959-60, nurses from 1,224 to 1,583 and midwives from 538 to 951 during this period.

CHAPTER II

Review of Progress of Plan Schemes in Andhra Pradesh during the Second Plan Period.

A sum of Rs. 175.74 crores was originally provided in the Second Plan of Andhra Pradesh for the implementation of 1,010 schemes during the Plan period. Of this, the provision for Agriculture, Irrigation and Power schemes formed 66.3% of the total provision while the Social Services accounted for 19.6%, Industries 8.2%, Transport and Communications 4.4% and Miscellaneous development schemes 1.5%.

During the first two years of the Second Plan, the progress of Plan Schemes in the State was affected to some extent by the problems created on account of the States' Reorganisation. In addition to this, a number of administrative problems like the late sanction and implementation of schemes, delay in the land acquisition proceedings, delay in the construction of buildings, acquisition of materials through Central Stores Purchase Department, dearth of technical personnel, scarcity of steel, cement and other key materials and foreign exchange difficulties, etc., have also affected the pace of progress of Plan schemes in the State. However, the State Government have adopted several measures with a view to overcoming these problems and from the year 1958-59 early sanction and implementation of the schemes was ensured and the Heads of the Departments implementing the Plan Schemes were authorised to make direct purchases from the suppliers without going through the Central Stores Purchase Department in order to reduce the delays in the procurement of machinery and other material required for the implementation of Plan schemes, subject to, however, certain financial limitations. A number of technical institutions were also opened with a view to increasing the supply of technical personnel required for the implementation of Plan schemes and the intake capacity of the existing institutions was increased during the Plan period. In some cases, non-technical personnel were appointed in technical departments wherever it was possible to do so without affecting the Plan programmes. Certain administrative instructions were issued

with a view to reducing the delays in the land acquisition proceedings. In view of the foreign exchange difficulties, attempts were made to implement the programmes with indigenous products wherever possible. With a view to ensuring a reasonable level of development in spite of possible short-falls in certain sectors, a larger volume of Plan programmes than was originally contemplated for the year was taken up for implementation and the excess provision with some of the departments that were not able to implement the programmes as scheduled, was diverted to others in need of additional funds during the course of the year. In addition, the Government have held Co-ordination Meetings of Secretaries to Government and Heads of Departments implementing the Plan programmes, once in about two months for reviewing the progress of Plan schemes and necessary steps were taken for expediting the progress of schemes which were lagging behind for some reason or other. As a result of these and other measures taken by the Government, there has been substantial improvement in the progress of expenditure on Plan schemes in the State from Rs. 25.91 crores in 1956-57 to Rs. 34.96 crores in 1958-59 and to Rs. 50.55 crores in 1960-61. The short falls in expenditure were also reduced from year to year and the actual expenditure formed 87.0% of the budget provision in 1956-57, 89.5% in 1957-58, 116.4% in 1958-59, 101.0% in 1959-60 and 114.8% in 1960-61. The following table shows the provisions and expenditure during each of the years 1956-61 under the six major heads of development.

TABLE
PROGRESS

Srl. No.	Head of Development	1956-57			1957-58		
		Provision	Expenditure	Percent	Provision	Expenditure	Percent
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Agricultural programmes	6.55	3.07	46.9	6.99	5.05	72.2
2.	Irrigation and Power..	16.42	18.38	111.9	16.77	18.44	110.0
3.	Industries ..	1.63	0.97	59.5	2.51	2.00	79.7
4.	Transport and Communications@	0.83	0.31	37.3	1.19	0.67	56.3
5.	Social Services ..	3.62	3.01	83.1	6.48	4.26	65.7
6.	Miscellaneous ..	0.73	0.17	23.3	1.05	0.91	86.7
	Total..	29.78	25.91	87.0	34.99	31.33	89.5

In spite of this improvement in the pace of progress of expenditure on Plan Schemes in the State, the schemes originally included in the Plan could not be implemented in toto on account of various factors like want of technical clearance from the Central Government agencies, want of foreign exchange and other administrative difficulties. As a result of this, 119 schemes costing Rs. 559.87 lakhs which were originally included in the Second Plan, could not be implemented during the Plan period. The following table furnishes the details of the number of schemes and their Plan provision which have been either deferred or dropped from the Plan, under the six major heads of development.

@ Does not include a sum of Rs. 359.26 lakhs spent on R.T.C. during the Plan period.

1.

OF PLAN.

(Rs. in crores).

1958-59			1959-60			1960-61		
Provi- sion	Expen- diture	Percent	Provi- sion	Expen- diture	Percent	Provi- sion	Expen- diture	Percent
(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
7.68	7.20	93.8	10.60	9.62	90.8	12.92	12.43	96.2
12.99	16.90	130.1	17.06	19.30	113.1	17.11	22.98	134.0
1.92	2.32	120.8	2.95	2.38	80.7	2.70	2.48	91.9
1.11	1.13	101.8	2.10	1.65	78.6	1.87	2.17	116.0
5.59	6.82	121.8	8.58	8.89	103.6	8.76	10.08	115.0
0.73	0.59	80.8	0.54	0.41	75.9	0.68	0.46	67.6
30.02	34.96	116.4	41.83	42.25	101.0	44.04	50.55	114.8

TABLE II.

SCHEMES DEFERRED OR DROPPED FROM ORIGINAL PLAN.

(Rupees in lakhs)

Srl. No.	Head of Development	No. of schemes dropped or deferred	Cost of the schemes
(1)	(2)	(3)	(4)
1.	Agricultural Programmes	81	220.84
2.	Irrigation and Power ..	15	221.50
3.	Industries	4	9.11
4.	Transport and Communications	..	..
5.	Social Services ..	16	99.30
6.	Miscellaneous ..	3	9.12
	Total..	119	559.87

However, 265 schemes which were not originally included in the Plan were brought into the Plan and implemented during the course of the Plan period. Thus, in all 1156 schemes were taken up for implementation during the Plan period.

Though there has been substantial improvement in the pace of progress of Plan schemes in the State, it was not uniform under all Heads of Development as may be noted from the following table showing the Second Plan provision and expenditure during the first four years.

TABLE III.

EXPENDITURE ON PLAN SCHEMES.

(Rupees in crores)

Srl. No.	Head of Development	Second Plan provision (original)	Expenditure during first four years	Percentage
1	2	3	4	5
1.	Agricultural Programmes .	39.96	24.94	62.4
2.	Irrigation and Power ..	76.47	73.02	95.5
3.	Industries	14.45	7.67	53.1
4.	Transport and Communications@	7.69	3.76	48.9
5.	Social Services ..	34.50	22.98	66.6
6.	Miscellaneous ..	2.67	2.08	77.9
	Total	175.74	134.45	76.5

Does not include a sum of Rs.3.59 crores spent on R.T.C Plan period.

Thus, the cumulative expenditure by the end of March, 1960 formed 95.5 per cent of the Second Plan provision in the case of Irrigation and Power, 77.9 per cent in the case of Miscellaneous Development schemes and 66.6 per cent in the case of Social Services. The progress of expenditure on schemes under Agriculture, Industries and Transport and Communications, however, formed only 62.4 per cent, 53.1 per cent and 48.9 per cent respectively of the original Plan provision. Hence, taking into account the progress made in different sectors and the programme on hand, the State Government have finally reallocated the Second Plan provisions among different development heads and enhanced the provision by Rs. 6.62 crores with a view to sustaining the tempo of developmental activities.

The following table furnishes the details of the original and revised Second Plan provisions and expenditure incurred on Plan Schemes under six major heads of development.

TABLE IV.
PROJECTED AND ACTUAL OUTLAYS DURING 1956-61.

(Rupees in crores)

Sl. No.	Head of Development	Second Plan Original Provision	Second Plan Revised Provision	Expenditure during Second Plan period	Percent of Column 5 to	
					Col. 3	Col. 4
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Agricultural Programmes	39.96	39.25	87.87	93.5	95.2
2.	Irrigation and Power	76.47	91.00	95.97	125.5	105.5
3.	Industries	14.45	10.62	10.15	70.2	95.6
4.	Transport and Communications@	7.69	5.69	5.93	77.1	104.2
5.	Social Services	34.50	32.98	83.05	95.8	100.2
6.	Miscellaneous	2.67	2.82	2.54	95.1	90.1
Total..		175.74	182.86	185.01	105.2	101.4

@ Does not include a sum of Rs. 3.59 crores spent on R.T.C. during Plan period.

It may thus be seen that against the original allocation of Rs. 175.74 crores, a sum of Rs. 185.01 crores was actually spent on the Plan Schemes in the State which was largely attributable to the gearing up of planning machinery in the State and several administrative and other measures taken by the Government for the effective implementation of the Plan Programmes in the State. That these measures have yielded substantial results may be noted from the following table showing the number of schemes implemented and expenditure incurred on them during each of the years of the Second Plan period..

TABLE V.

YEAR-WISE PROGRESS OF PLAN.

(Rupees in crores)

Srl. No.	Year			No. of schemes implemented	Plan expenditure @
1.	1956-57	..	..	331	25.91
2.	1957-58	..	..	591	31.33
3.	1958-59	..	..	739	34.96
4.	1959-60	..	..	867	42.25
5.	1960-61	..	..	953	50.55
				Total	185.01

Of the total expenditure of Rs. 185.01 crores,* a sum of Rs. 121.49 crores was spent in the Andhra Region while the balance of Rs. 63.52 crores was spent in the Telangana Region. The expenditure formed 102.8 per cent of the original provision in the Andhra Region and 110.3 per cent in the Telangana Region.

Details of the original provision and expenditure during each year of the Second Plan period separately for Andhra Pradesh, Andhra and Telangana are furnished in the Statements I, II and III appended.

* In addition, a sum of Rs. 359.26 lakhs was spent during Second Plan period towards the States contribution for the purchase of vehicles etc., under Road Transport.

@ Does not include a sum of Rs. 3.59 crores spent on R.T.C. during Second Plan.

STATEMENT SHOWING THE PROGRESS OF EXPENDITURE ON PLAN SCHEMES DURING SECOND PLAN.

ANDHRA PRADESH.

[Rs. in lakhs.]

Srl. No.	Head of Development	Second Plan Original Provision	Second Plan Revised Provision	EXPENDITURE					Total
				1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
AGRICULTURAL PROGRAMMES :	..	4,000.53	3,924.76	307.57	504.70	719.54	961.55	1,243.27	3,736.63
1. Agricultural Production	..	585.04	472.33	31.90	75.84	87.17	117.40	132.82	444.63
2. Minor Irrigation	..	568.54	886.14	56.06	70.49	146.61	188.11	350.20	811.47
3. Land Development	..	39.88	36.54	..	..	..	3.34	27.63	30.97
4. Animal Husbandry	..	337.80	242.68	9.52	16.76	45.94	69.16	94.44	235.82
5. Dairying and Milk Supply.	..	80.15	54.82	..	2.05	7.06	9.02	16.29	34.42
6. Forests	..	93.67	102.40	4.46	8.20	16.71	35.67	32.09	97.13
7. Soil Conservation	..	113.24	76.28	6.26	6.94	11.30	18.20	20.78	63.48
8. Fisheries	..	110.51	70.28	1.33	5.64	11.54	18.55	24.93	61.99
9. Co-operation, Warehousing and Marketing.	..	430.33	320.89	16.85	28.77	60.59	117.88	85.95	310.04

10. Panchayats	..	24.68	..	..	8.94	8.64	9.62	22.20
11. Miscellaneous	101.63	16.23	1.18	1.76	1.91	2.05	8.23	15.18
12. Community Development	1,539.74	1,621.54	180.01	288.75	326.77	373.53	440.29	1,609.35
IRRIGATION AND POWER	7,646.77	9100.35	1,838.28	1,843.71	1,690.22	1,930.20	2293.92	9596.33
1. Multipurpose Projects	3,230.00	3,810.00	354.73	745.09	853.04	857.58	998.95	3,809.39
2. Major and Medium Irrigation.	1,658.75	2,021.63	459.20	342.09	305.59	401.13	425.65	1,933.66
3. Power	2,758.02	3,260.72	1,024.35	756.53	531.59	671.49	869.32	3853.28
INDUSTRIES	1,444.95	1,061.56	96.55	200.52	231.92	238.00	248.16	1,015.15
1. Large and Medium Industries.	292.72	165.99	2.79	26.05	30.48	36.27	57.91	153.50
2. Village and Small Scale Industries.	1,152.23	895.57	93.76	174.47	201.44	201.73	190.25	861.65
TRANSPORT AND COMMUNICATIONS@	769.29	569.22	31.05	66.59	113.35	165.50	216.71	593.20
1. Roads	765.58	561.34	31.05	65.98	112.41	163.61	213.91	586.96
2. Tourism	3.71	7.88	..	0.61	0.94	1.89	2.80	6.24

Srl. No.	Head of Development	Second Plan Original Provision	Second Plan Revised Provision	EXPENDITURE					Total
				1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>(Contd.)</i>									
SOCIAL SERVICES	3,450.57	3,297.95	301.16	425.88	681.37	888.63	1008.30	3305.29
1. Education	1,262.71	1,196.60	55.66	116.88	280.06	407.78	376.07	1,236.45
2. Medical Services	594.63	589.18	20.06	72.32	117.51	175.60	264.84	650.33
3. Public Health	213.15	185.63	7.75	16.51	25.74	56.84	80.10	186.94
4. Water Supply and Sanitation.	..	292.79	276.22	114.88	67.21	39.99	29.22	19.49	270.79
5. Housing	516.27	479.94	65.11	91.77	90.96	73.94	97.01	418.79
6. Labour and Labour Welfare		88.06	76.50	0.03	5.02	17.89	20.36	22.55	65.85
7. Welfare of Scheduled Castes and other Backward Classes.		200.43	196.64	17.46	20.13	47.37	54.22	51.86	191.04
8. Welfare of Scheduled Tribes		200.51	247.16	19.30	34.21	56.63	59.95	81.55	251.64

SOCIAL SERVICES—(Contd.)

9. Women Welfare ..	24.26	12.78	..	0.02	1.42	3.24	4.26	8.94
10. Social Welfare ..	57.76	37.30	0.91	1.76	3.80	7.48	10.57	24.52
MISCELLANEOUS ..	262.30	282.22	16.63	91.37	59.70	41.21	45.53	254.44
1. Development of Capital ..	152.00	194.92	16.32	81.50	40.46	20.29	14.73	173.30
2. Municipal Roads and Development Works.	47.54	46.86	0.20	6.74	14.52	11.30	12.55	45.31
3. Broadcasting ..	22.84	7.48	(—) 0.31	1.35	0.18	0.26	5.30	6.78
4. Publicity ..	19.70	17.02	0.42	1.28	2.39	4.55	5.09	13.73
5. Statistics ..	20.22	15.94	..	0.50	2.15	4.81	7.86	15.32
Grand total ..	17,574.41	18236.06	2591.24	3132.72	3496.10	4225.09	5055.89	18501.04

*Including the expenditure incurred by the Electricity Board from its own resources.

@Does not include the expenditure of Rs. 359.26 lakhs spent on Road Transport Corporation.

STATEMENT SHOWING THE PROGRESS OF EXPENDITURE ON PLAN SCHEMES DURING SECOND PLAN—ANDHRA REGION.

(Rs. in lakhs)

Srl. No.	Head of Development	II Plan Original Provision	II Plan Revised Provision	Expenditure					Total
				1956-57	1957-58	1958-59	1959-60	1960-61	
1	2	3	4	5	6	7	8	9	10
	AGRICULTURAL PROGRAMMES	2681.58	2578.95	218.36	350.81	443.19	612.94	801.89	2422.19
1.	Agricultural Production ..	384.30	377.24	29.79	66.76	66.58	89.73	99.96	352.82
2.	Minor Irrigation ..	321.57	494.28	24.10	34.08	70.56	91.23	200.54	420.51
3.	Land Development ..	39.88	36.54	..	..	..	3.34	27.63	30.97
4.	Animal Husbandry ..	251.79	169.08	9.47	12.14	33.60	48.78	63.38	167.37
5.	Dairying and Milk Supply ..	57.70	30.13	..	1.46	3.82	4.45	8.03	17.76
6.	Forests ..	63.82	61.66	3.36	6.68	9.65	19.53	18.64	57.86
7.	Soil Conservation ..	68.61	49.47	2.56	3.94	7.75	13.22	13.82	41.29
8.	Fisheries ..	75.01	51.47	1.33	5.44	9.16	13.39	19.58	48.90
9.	Co-operation; Ware housing and Marketing	309.02	208.92	13.05	26.59	40.16	74.46	50.05	204.31

AGRICULTURAL PROGRAMMES—(Contd.)

10. Panchayats	::	::	12.42	..	..	2.67	4.48	5.45	12.00
11. Miscellaneous	..	14.83	..	..	..	..	..	..	..
12. Community Development	..	1,045.00	1,087.74	129.70	193.72	199.84	250.33	294.81	1,068.40
IRRIGATION AND POWER	..	5,399.87	6302.15	1,561.40	1,260.94	1,092.83	1,181.94	1436.64	6533.75
1. Multipurpose Project	..	1,995.00	2,397.32	249.38	476.94	519.55	536.87	614.39	2,397.13
2. Major and Medium Irrigation.	..	1,238.60	1,448.35	429.76	260.75	188.66	223.23	227.38	1,329.78
3. Power	..	2,166.27	2456.48	882.26	523.25	384.62	421.84	594.87	2806.84
INDUSTRIES	..	1,005.80	678.37	60.19	132.39	150.27	165.63	149.44	657.92
1. Large and Medium Industries		273.72	145.74	2.79	26.05	30.48	36.27	37.87	133.46
2. Village and Small Scale Industries.	..	732.08	532.63	57.40	106.34	119.79	129.36	111.57	524.46
TRANSPORT AND COMMUNICATIONS	@	550.42	379.82	18.42	51.68	69.31	97.38	127.28	364.07
1. Roads	..	546.71	375.94	18.42	51.07	68.37	96.12	126.69	360.67
2. Tourism	..	3.71	3.88	..	0.61	0.94	1.26	0.59	3.40

(Rs. in lakhs)

Srl. No.	Head of Development	II Plan Original Provision	II Plan Revised Provision	Expenditure					Total	
				1956-57	1957-58	1958-59	1959-60	1960-61		
1	2	3	4	5	6	7	8	9	10	
<i>(Contd.)</i>										
	SOCIAL SERVICES	..	2133.09	2084.00	246.88	290.27	421.18	565.44	575.51	2009.28
1.	Education.	..	775.48	728.43	47.42	80.28	171.72	253.12	209.92	762.46
2.	Medical Services	..	370.77	345.41	20.06	45.15	60.22	103.84	137.70	366.97
3.	Public Health	..	101.59	121.09	7.75	12.57	20.12	37.87	51.32	129.63
4.	Water Supply and Sanitation	..	253.40	234.44	113.17	60.05	28.77	19.16	10.74	231.89
5.	Housing	..	190.24	213.42	24.41	40.95	40.37	39.53	42.06	187.32
6.	Labour and Labour Welfare		47.54	37.62	0.03	2.20	9.09	10.21	8.17	29.70
7.	Welfare of Scheduled Castes' and other Backward Classes		152.13	148.65	15.55	15.27	35.63	39.95	37.73	144.13
8.	Welfare of Scheduled tribes		181.25	218.61	17.76	32.41	51.77	54.27	69.65	225.86
9.	Women's Welfare	..	24.26	12.78	..	0.02	1.42	2.53	3.11	7.08

SOCIAL SERVICES—(Contd.)

10. Social Welfare	..	36.43	23.55	0.73	1.37	2.07	4.96	5.11	14.24
MISCELLANEOUS	..	96.30	76.61	0.13	8.87	17.89	18.77	26.51	72.17
1. Development of Capital	..	..	..	..	..	..	..	..	..
2. Municipal Roads and development works	..	47.54	46.86	0.20	6.74	14.52	11.30	12.55	45.31
3. Broadcasting	..	18.54	4.45	(—)0.31	0.92	(—)0.10	0.15	3.30	3.96
4. Publicity	..	10.00	9.36	0.24	0.71	1.32	2.51	2.80	7.58
5. Statistics	..	20.22	15.94	..	0.50	2.15	4.81	7.86	15.32
Grand Total		11817.01	12099.90	2100.38	2094.96	2194.67	2642.10	3117.27	12149.38

@ Does not include expenditure incurred under Road Transport.

STATEMENT SHOWING THE PROGRESS OF EXPENDITURE ON PLAN SCHEMES DURING SECOND PLAN
TELANGANA REGION

(Rs. in lakhs.)

Srl. No.	Head of Development	II Plan Original Provision	II Plan Revised Provision	Expenditure					Total
				1956-57	1957-58	1958-59	1959-60	1960-61	
1	2	3	4	5	6	7	8	9	10
	AGRICULTURAL PROGRAMMES	.. 1369.00	1,345.81	94.21	153.89	276.35	348.61	441.38	1314.44
1.	Agricultural Production	.. 200.74	95.09	2.11	8.58	20.59	27.67	32.86	91.81
2.	Minor Irrigation	.. 246.97	391.86	31.96	36.41	76.05	96.88	149.66	390.96
3.	Land Development	.. ..	..	..	..	..	..	..	..
4.	Animal Husbandry	.. 86.01	73.60	0.05	4.62	12.34	20.38	31.06	68.45
5.	Dairying and Milk Supply	.. 22.45	24.69	..	0.59	3.24	4.57	8.26	16.66
6.	Forests	.. 29.85	40.74	1.10	1.52	7.06	16.14	13.45	39.27
7.	Soil Conservation	.. 44.63	26.81	3.70	3.00	3.55	4.98	6.96	22.19
8.	Fisheries	.. 35.50	18.81	..	0.20	2.38	5.16	5.35	13.09
9.	Co-operation, Warehousing and Marketing	.. 121.31	111.97	3.80	2.18	20.43	43.42	35.90	105.73

AGRICULTURAL PROGRAMMES—(Contd.)

10. Panchayats	.. ..	12.21	..	..	1.87	4.16	4.17	10.20	
11. Miscellaneous	..	86.80	16.23	1.18	1.76	1.91	2.05	8.23	15.13
12. Community Development	..	494.74	533.80	50.31	95.03	126.93	123.20	145.48	540.95
IRRIGATION AND POWER	..	2,246.90	2,798.20	276.88	582.77	597.39	748.26	857.28	3,062.58
1. Multipurpose Project	..	1,235.00	1,412.68	105.35	268.15	333.49	320.71	384.56	1,412.26
2. Major and Medium Irrigation		420.15	573.28	29.44	81.34	116.93	177.90	198.27	603.88
3. Power	..	591.75	812.24	142.09	233.28	146.97	249.65	274.45	1,046.44
INDUSTRIES	..	439.15	383.19	36.36	68.13	81.65	72.37	98.72	357.23
1. Large and Medium Industries	..	19.00	20.25	..	..	..	..	20.04	20.04
2. Village and Small Scale Industries	..	420.15	362.94	36.36	68.13	81.65	72.37	78.68	337.19
TRANSPORT AND COMMUNICATIONS	@	218.87	189.40	12.63	14.91	44.04	68.12	89.43	229.13
1. Roads	..	218.87	185.40	12.63	14.91	44.04	67.49	87.22	226.29
2. Tourism	.. ..		4.00	..	..	..	0.63	2.21	2.84

(Rs. in lakhs)

Srl. No.	Head of Development	Second Plan Original Provision	Second Plan Revised Provision	EXPENDITURE					Total	
				1956-57	1957-58	1958-59	1959-60	1960-61		
1	2	3	4	5	6	7	8	9	10	
<i>(Contd.)</i>										
	SOCIAL SERVICES	..	1317.48	1213.95	54.28	135.56	260.19	323.19	432.79	1,206.01
1.	Education	..	487.23	468.17	8.24	36.60	108.34	154.66	166.15	473.99
2.	Medical Services	..	223.86	243.77	..	27.17	57.29	71.76	127.14	283.36
3.	Public Health	..	111.56	64.54	..	3.94	5.62	18.97	28.78	57.31
4.	Water Supply and Sanitation	..	39.39	41.78	1.71	7.16	11.22	10.06	8.75	38.90
5.	Housing	..	326.03	266.52	40.70	50.82	50.59	34.41	54.95	231.47
6.	Labour and Labour Welfare	..	40.52	38.88	..	2.82	8.80	10.15	14.38	36.15
7.	Welfare of Scheduled Castes and other Backward Classes	..	48.30	47.99	1.91	4.86	11.74	14.27	14.13	46.91
8.	Welfare of Scheduled Tribes	..	19.26	28.55	1.54	1.80	4.86	5.68	11.90	25.78
9.	Women's Welfare	..	..	..	..	..	..	0.71	1.15	1.86
10.	Social Welfare	..	21.33	13.75	0.18	0.39	1.73	2.52	5.46	10.28

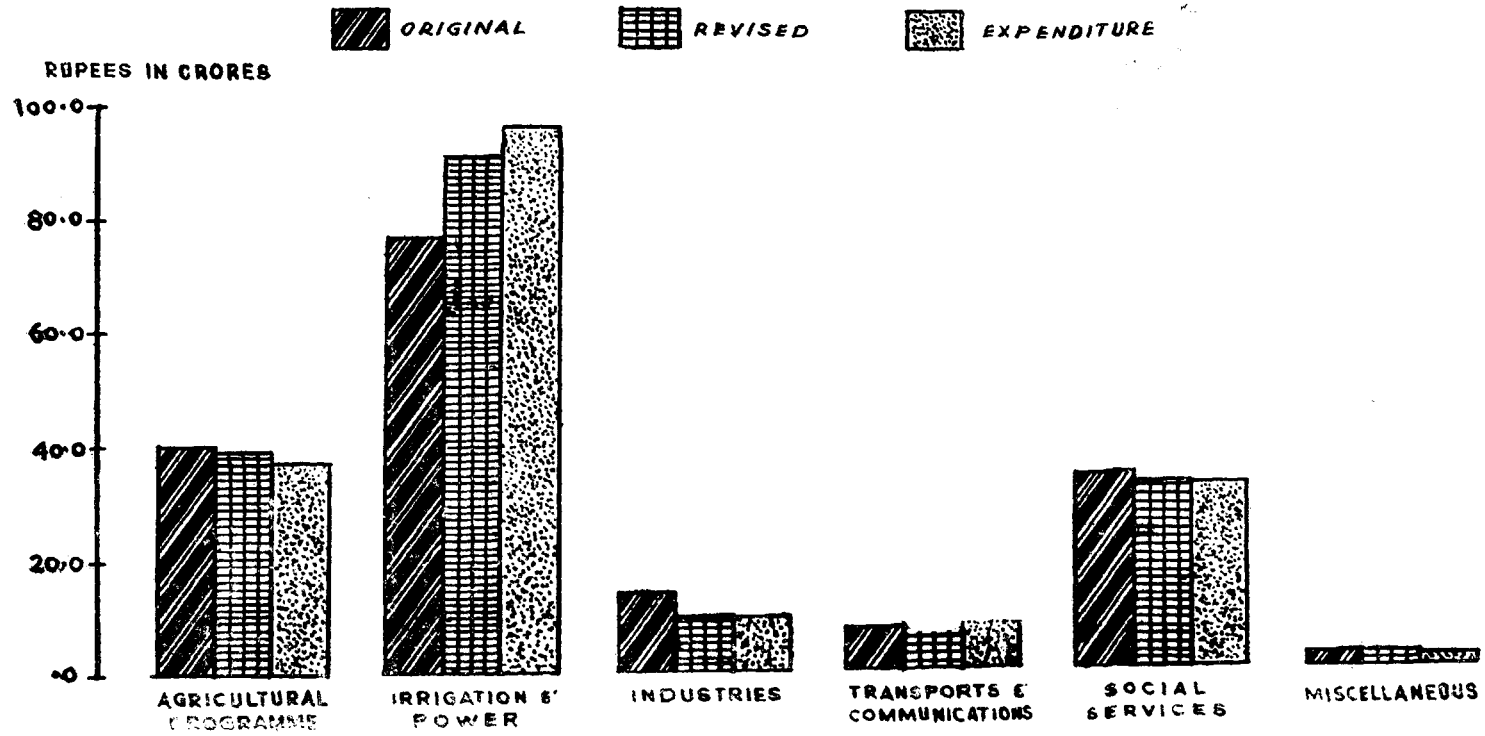
MISCELLANEOUS	..	166.00	205.61	16.50	82.50	41.81	22.44	19.02	182.27
1. Development of Capital	..	152.00	194.92	16.32	81.50	40.46	20.29	14.73	173.30
2. Municipal Roads and Development Works	..	..	..	..	..	..	..	..	..
3. Broadcasting	..	4.30	3.03	..	0.43	0.28	0.11	2.00	2.82
4. Publicity	..	9.70	7.66	0.18	0.57	1.07	2.04	2.29	6.15
5. Statistics	..	..	..	..	..	..	..	..	..
Grand Total		5,757.40	6,186.16	490.86	1,037.76	1,301.43	1,582.99	1,938.62	6,351.66

@ Does not include expenditure incurred under R.T.C.
Included in Andhra Region.

Analysis of Expenditure on Plan Schemes :

The Heads of Departments implementing Plan programmes were requested to furnish the details of expenditure according to the nature of the schemes such as those mainly designed for the issue of loans, appointment of staff, training of personnel, purchase of machinery, construction activities like Irrigation and Power projects, buildings, roads, etc., and others. However, only partial reports were received from 27 departments. It was felt that it would be useful to analyse this data and apply the ratios thus obtained to the composite types of expenditure of departments. Thus the ratios obtained in respect of Plan Schemes costing Rs. 23.15 crores during the first four years have been applied to the composite types of schemes costing Rs. 69.07 crores. The entire expenditure incurred on Major, Medium and Minor Irrigation Projects, Power Projects, Roads, Housing Development of Capital was shown under constructional activities for obvious reasons and the following table indicates the detailed break up of Second Plan expenditure on different types of Plan Schemes. In this connection, it may also be noted that the schemes were grouped under various categories taking the principal components of expenditure into account. For instance, in the case of loan schemes some expenditure might be incurred on staff, purchase of furniture etc., and no attempt was made to get at the further breakup of expenditure under different categories of schemes in view of the time involved.

Second Plan Provision ORIGINAL, REVISED and EXPENDITURE



ANALYSIS OF EXPENDITURE ON PLAN SCHEMES.

(Rs. in crores)

<i>Srl. No.</i>	<i>Type of Plan Schemes</i>	<i>Estimated expenditure during 1956-1961</i>	<i>% of Total</i>
(1)	(2)	(3)	(4)
1.	Staff Schemes	5.00	2.7
2.	Loan Schemes	9.62	5.2
3.	Constructional Activities ..	133.21	72.0
4.	Training Schemes ..	1.66	0.9
5.	Machinery and equipment ..	4.81@	2.6
6.	*Others	30.71	16.6
	Total	185.01	100.00

Resources for the Second Five-Year Plan :

Out of the original Plan outlay of Rs. 175.74 crores, a sum of about Rs. 49 crores was expected to be raised by the State Government from its own resources *viz.*, revenue surplus, additional taxation, public loans, small savings and miscellaneous capital receipts and the balance amount of Rs. 127 crores was expected to be received from the Central Government by way of loans and grants. However, the resources raised by the State Government actually amounted to Rs. 84.13 crores. Of this, a sum of Rs. 24.49 crores was raised by the imposition of additional taxes like purchase tax on food-grains, sales tax

(*Includes scholarships and boarding grants, purchase of small tools, drugs, etc.).

@ Does not include expenditure incurred under R. T. C.

on tobacco, unification of sales tax laws of the Andhra and Telangana regions, levy of special assessment on lands growing certain commercial crops, increase in water rates, additional sales tax on motor spirits, additional wet assessment and enhancement of rates of taxes on motor vehicles, etc. On account of the rise in the general level of prices and incomes, the yields from the existing taxes had also improved considerably and the implementation of the recommendations of the Second Finance Commission had further strengthened the finances of the State Government as a result of which a sum of Rs. 24.30 crores was provided for the financing of the Plan from the revenue surplus as against Rs. 5.10 crores originally estimated on this account. The following table furnishes the details of the resources actually raised by the State Government as compared to the original estimates.

TABLE I

RESOURCES RAISED BY THE GOVERNMENT FOR FINANCING THE SECOND PLAN.

(Rs. in crores).

<i>Srl. No.</i>	<i>Particulars</i>	<i>Original estimates</i>	<i>Present estimates</i>
(1)	(2)	(3)	(4)
1.	Current Revenue Surplus ..	5.10	24.30
2.	Addl. Taxation by State ..	9.60	24.49
3.	Public Loans (Gross) ..	26.70	28.91
4.	Small Savings	5.00	11.11
5.	Miscellaneous Capital Receipts including withdrawals from Reserves. (Net) ..	2.40	(—)4.68
	Total ..	48.80	81.13

Thus, out of the total Plan expenditure of Rs. 185.01 crores, a sum of Rs. 84.13 crores was met from the State's resources leaving the balance of Rs. 100.88 crores to be met from loans and grants from the Central Government. However, on the basis of the readily available data, the Central assistance amounted to Rs. 92.73 crores as detailed below :

TABLE II.
EXTERNAL RESOURCES.

(Rs. in crores).

<i>Srl. No.</i>	<i>Year</i>			<i>Central Assistance</i>
1.	1956-57	..	..	17.00
2.	1957-58	..	..	17.54
3.	1958-59	..	..	18.69
4.	1959-60	..	..	19.00
5.	1960-61 (B.E.)	..	..	20.50
Total				92.73

Details of the source of finance for the Plan expenditure amounting to Rs. 8.15 crores are not readily available. Part of this was met from the internal resources of the State Electricity Board while the balance was financed by the State and Central Governments.

Physical Targets and Achievements :

The following Statement furnishes important physical targets and achievements under the various heads of development.

STATEMENT SHOWING SELECTED PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE SECOND PLAN PERIOD.

Srl. No.	Item	Unit	II Plan Original Target	II Plan Revised Target	II Plan Achievement	% Col. 6 to Col. 4	% Col. 6 to Col. 5
1	2	3	4	5	6	7	8
<i>I. Agricultural Programmes.</i>							
1.	Production of Urban Compost	.. .. Lakh Tons	17.30	17.24	14.74	85.2	85.5
2.	(a) Seed Farms..	.. .. No.	447	445	442	98.9	99.3
	(b) Seed Stores ..	.. .. "	447	445	380	85.0	85.4
3.	Fertilisers distributed	.. .. Lakh Tons	N. A.	12.67	8.09	..	63.9
4.	Sinking of filter points	.. .. No.	2,000	942	493	24.7	52.3
5.	Sinking of new wells	} Schemes .. under D. A.	2,152	2,027	1,451	67.4	71.6
6.	Repairing of old wells	 "	1,985	3,378	793	39.9	23.5
7.	Distribution of Oil Engines and Electric Motors	.. .. "	2,288	2,518	2,981	130.3	118.4
8.	Tractors distributed	.. .. "	375	375	192	51.2	51.2
9.	Ayacut under Minor Irrigation	.. .. Lakh Acres	2.31	3.08	3.38	146.3	110.1
10.	Key Village Centres	.. .. No.	39	34	26	66.7	76.5

11.	Minor Veterinary Dispensaries	..	..	..	128	85	94	73.4	110.6
12.	Stationary Veterinary Dispensaries	..	..	..	41	51	35	85.4	68.6
13.	Veterinary First Aid Centres	..	..	..	105	105	107	101.9	101.9
14.	Afforestation and Regeneration of Plots	..	Acres	..	26,834	13,168	11,783	43.9	89.5
15.	Forest Roads	..	..	Miles	765	451	425	55.6	94.2
16.	Soil Conservation measures	..	..	Lakh Acres	1.31	0.83	0.71	54.2	85.5
17.	Co-operative Societies:—								
	(a) Large	..	..	No.	825	775	548	66.4	70.7
	(b) Small	..	..	..	..	2,500	5,547	..	221.9
18.	Godowns constructed	..	..	..	317	280	566	178.5	202.1
<i>II. Irrigation and Power:</i>									
1.	Ayacut under Major and Medium Irrigation	..	Lakh Acres	..	6.62	4.04	4.64	70.1	114.9
2.	Power Generating Capacity	..	..	K. W.	185,855	122,825	127,825	68.8	104.1
3.	Transmission lines to be constructed	..	..	Miles	3,224	10,150	10,150	314.8	100.0
4.	Villages and towns to be electrified	..	..	No.	417	1,250	2,497	598.8	199.0

Srl. No.	Item	Unit	II Plan Original Target	II Plan Revised Target	II Plan Achievement	% Col. 6 to Col. 4	% Col. 6 to Col. 5
1	2	3	4	5	6	7	8
<i>III. Industries :—(Contd.)</i>							
1.	Industrial Estates	No.	3	11	6	200.0	54.5
ROADS:							
1.	Roads constructed or repaired and upgraded	Miles	3,673	2,415	2,520	68.6	104.3
2.	Bridges and Causeways	Rs. in lakhs	N. A.	72.19	92.45	..	128.1
<i>IV. SOCIAL SERVICES.</i>							
1. Schools opened:—							
(a)	Primary and Junior Basic Schools.	No.	2,811	2,811	5,789	205.9	205.9
(b)	Middle and Senior Basic Schools.	..	130	130	541	416.2	416.2
(c)	High Schools and Multipurpose Schools.	..	40	35	381	952.5	1088.6
2.	Enrolment of School Children	No. in lakhs.	5.31	5.31	5.50	103.6	103.6

3. OPENING OF CLINICS :—(Contd.)

(a) V. D.	..	..	..	..	No.	20	20	18	90.0	90.0
(b) E. N. T.	..	..	..	..	„	13	8	14	107.7	175.0
(c) T. B.	..	..	..	..	„	22	32	32	145.5	100.0
(d) Dental	..	..	..	..	„	13	22	22	169.2	100.0
(e) Family Planning (Urban)	..	..	..	..	„	29	44	49	169.0	111.4
(f) Eye Clinics	..	..	..	..	„	13	8	14	107.7	175.0
(g) Leprosy	..	..	..	..	„	17	12	12	70.6	100.0
4. Primary Health Centres	..	..	..	..	„	100	266	165	165.0	62.0
5. Provincialisation of Local Fund Institutions	..	..	..	..	„	N. A.	44	43	..	97.7
6. Construction of Houses	..	..	..	..	„	12,460	8,334	7,801	62.6	93.6
7. Establishment of Labour Welfare Centres	..	..	..	..	„	9	10	10	111.1	100.0
8. WELFARE OF SCHEDULED CASTES AND OTHER BACKWARD CLASSES.										
(a) Scholarships	..	..	..	..	„	28,098	31,043	29,492	105.0	95.0
(b) Boarding grants	..	..	..	..	„	6,265	3,800	8,536	136.2	224.6

VI. MISCELLANEOUS.

1. Installation of Community Radio Sets	„	6,200	7,000	6,316	101.9	90.2
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CHAPTER III

IMPACT OF THE PLAN ON AGRICULTURAL PRODUCTION.

It was proposed to increase the production potential of food grains in the State by 16.43 lakh tons during the Second Plan period by undertaking the various major, medium and minor irrigation projects, land development schemes, distribution of improved seeds, fertilizers and manures and adoption of improved agricultural practices and soil conservation measures. However, the production potential actually created during the Plan period amounted to 14.30 lakh tons as detailed below.

TABLE I
ADDITIONAL FOOD PRODUCTION (Lakh tons)

Sl. No.	Item.	Second Plan Target.	Achievement During					Total.
			1956-57	1957-58	1958-59	1959-60	1960-61	
1	2	3	4	5	6	7	8	9
1.	Major and Medium Irrigation.	1.92	0.04	0.10	0.42	0.45	0.91	1.92
2.	Minor Irrigation	2.68	0.48	0.50	0.74	0.49	0.53	2.69
3.	Land Development including soil conservation	1.91	0.17	0.17	0.85	0.52	0.19	1.90
4.	Manure and fertilizers	4.07	0.37	0.86	0.17	0.67	..	2.07
5.	Improved seeds	5.85	(-)0.07	0.08	0.06	(-)0.02	..	0.05
6.	Improved Agrl. practices		0.69	0.65	1.15	1.35	1.83	5.67
Total ..		16.34	1.63	2.36	3.39	3.46	3.46	14.30

As the production of food grains in the State amounted to 55.33 lakh tons in 1955-56 it should have increased to 69.63 lakh tons in 1960-61 in view of additional production potential created during the Plan period. However, food grain production in the State in 1960-61 is estimated at 63.30 lakh tons (provisional) thereby showing an increase of about 8 lakh tons as against the expected increase of 14.30 lakh tons. This shortfall is mainly due to unfavourable seasonal conditions and insufficient and

uneven distribution of rains during the last two years of the Second Plan. In 1955-56 the average rainfall in the State was 41.9" while it was 40.6" in 1959-60 and 33.5" in 1960-61. In fact several parts of the State were threatened with acute scarcity conditions in 1960-61, on account of failure of monsoons. But for unfavourable seasonal conditions the production of food grains in the State would have reached an all time record in 1960-61.

The following table furnishes the details of production of foodgrains during each year from 1955-56 to 1960-61.

TABLE II

YEAR-WISE PRODUCTION OF FOOD GRAINS.

<i>Srl. No.</i>	<i>Year.</i>	<i>Production of food grains in lakh tons.</i>
(1)	(2)	(3)
1.	1955-56	55.33
2.	1956-57	57.99
3.	1957-58	58.57
4.	1958-59	66.47
5.	1959-60	66.58*
6.	1960-61	63.30*

Production of Non-Food Crops :

Though there has been some improvement in the production of non-food crops during the earlier years of the Second Plan, insufficient and uneven distribution of rains have more adversely affected the production of non-food crops grown in the State during the years 1959-60 and 1960-61 as may be noted from the following table.

(*Estimated.)

TABLE III
PRODUCTION OF PRINCIPAL NON-FOOD CROPS . (Lakh tons)

Srl. No.	Crop	1955-56	1956-57	1957-58	1958-59	1959-60*	1960-61*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Groundnut	.. 10.70	12.02	10.53	8.98	6.10	4.83
2.	Gingelly	.. 0.52	0.52	0.46	0.44	0.23	0.35
3.	Castor	.. 0.62	0.64	0.32	0.44	0.44	0.38
4.	Sugarcane	.. 5.17	6.19	6.37	6.68	6.72	6.49
5.	Tobacco (C. L.)	.. 1.81	1.33	1.14	1.33	1.18	1.16
6.	Cotton (Bales of 392 lbs.)	.. 1.28	1.27	1.29	1.16	1.22	1.23
7.	Mesta (Bales of 400 lbs.)	.. 2.64	2.58	1.71	2.62	2.57	2.46
8.	Chillies	.. 1.15	1.17	0.80	0.75	0.85	0.88

* Provisional.

Thus, the production of groundnuts in 1960-61 formed 45.1% of that of 1955-56 while it formed 67.3% in the case of castor, 61.3% in the case of gingelly and 54.5% in the case of chillies. In the case of Tobacco, mesta and cotton, the production in 1960-61 formed 88.5%, 93.2% and 96.1% respectively of that of 1955-56. However, the production of sugarcane has shown an increase of 25.5% during this period. It may thus be noted that the dry crops were more adversely affected by the failure of monsoons in 1959-60 and 1960-61.

Agricultural Production Indices.

In view of the importance of food crops which recorded substantial improvement during the Second Plan period, the general index of agricultural production (Base 1949-50=100) has shown an improvement from 126.9 in 1955-56 to 131.3 in 1959-60. However in view of the failure of monsoons it has declined to 122.5 in 1960-61. The following table furnishes the indices of agricultural production in Andhra Pradesh during the period under review.

TALBE IV

INDEX NO. OF AGRICULTURAL PRODUCTION IN ANDHRA PRADESH.

<i>Sl. No.</i>	<i>Group.</i>	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61*
1	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.	Food grains	136.2	143.7	145.8	164.7	161.3	150.2
2.	Oil Seeds	104.6	116.1	104.0	87.1	59.6	50.0
3.	Fibres	102.9	98.9	103.4	93.5	98.2	98.9
4.	Miscellaneous	125.8	130.8	119.8	126.8	123.9	120.9
5.	All Commodities	126.9	134.9	130.8	139.3	131.3	122.5

*Provisional.

INDUSTRIAL PRODUCTION

Several steps have been taken by the State Government during the Second Plan period for the expansion of the industrial base in the State by the provision of improved communication facilities, increased power supply, loan assistance to the small and medium industries, establishment of industrial financial corporations for the promotion of industrial ventures, contribution of share capital of co-operative sugar factories, etc. In addition, the Government have also taken up the programmes for the development of State owned industries *viz.*, Andhra Paper Mills, Rajahmundry, and Government Ceramic Factory, Gudur during the Plan period. It was also proposed to take-up Sri Venkateswara Paper and Straw Board Mills and run it on Government account. However this scheme could not be implemented during the Plan period as it was subsequently proposed to sell the enterprise to a private party. The work in respect of Government Ceramic Factory, Gudur was completed during the first three years of the Plan. Though the expansion programme of the Andhra Paper Mills, Rajahmundry was taken-up as early as 1956-57, appreciable progress could not be made on account of the foreign exchange difficulties and the difficulties in securing foreign suppliers on terms agreeable to the Government. However, the Government have entered into an agreement in 1960-61 with a French firm for the supply of machinery required for the expansion of the Rajahmundry Paper Mills.

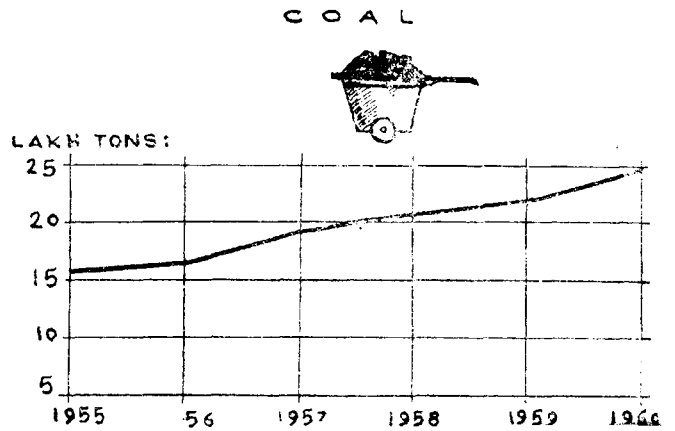
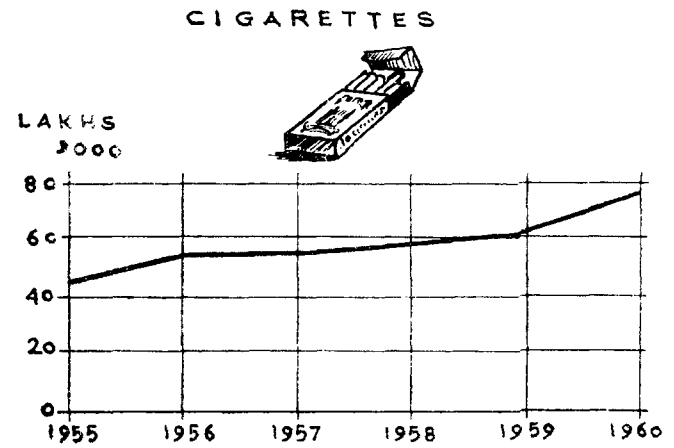
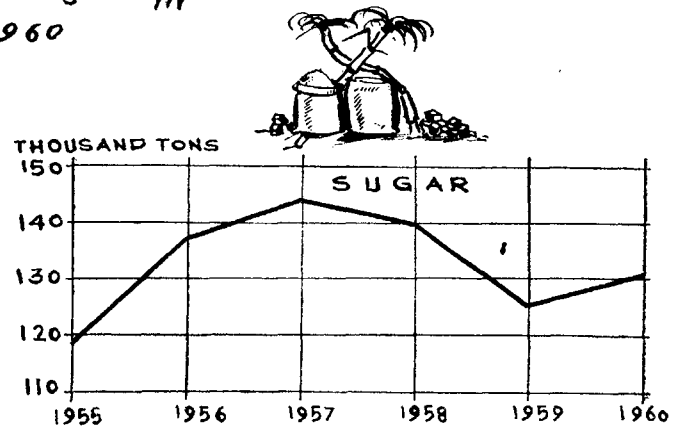
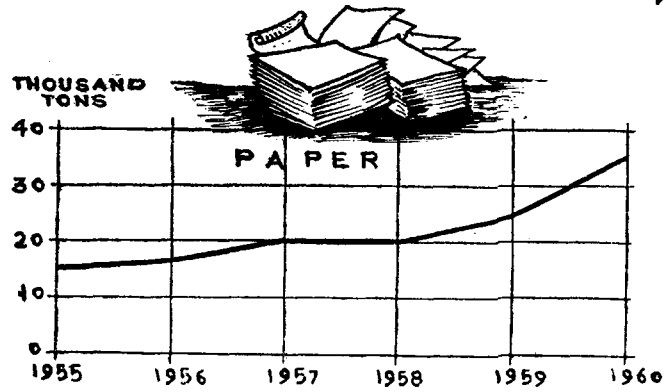
It may thus be seen that the State's contribution for the industrial development mainly consisted of the provision of necessary facilities for the industrial expansion. However, the increased demand generated by the implementation of plan programmes, the rise in the level of incomes, the import restrictions and the limited outlet for the investment of agricultural incomes following the land reforms measures have all contributed to a steady improvement in the industrial expansion in the State.

The number of units coming under Factories Act has increased from 2985 units in 1956 to 5341 in 1959 while the number of workers employed in factories increased from 1.30 lakhs to 1.79 lakhs. The wages paid to the workers in the factories under Payment of Wages Act increased from Rs. 7.54 crores to Rs 8.90 crores during this period.

There has been substantial improvement in the production of mineral and industrial goods in the State during the period under review as indicated in the following table. The production of coal has steadily increased from 15.97 lakh tons in 1955 to 24.92 lakh tons in 1960. The production of cotton yarn has increased from 23.2 thousand lbs. in 1955 to 38.1 thousand lbs. in 1960, that of cement from 2.0 lakh tons to 7.1 lakh tons, paper from 0.15 lakh tons to 0.35 lakh tons and sugar from 1.2 lakh tons to 1.3 lakh tons.

{*Statement.*

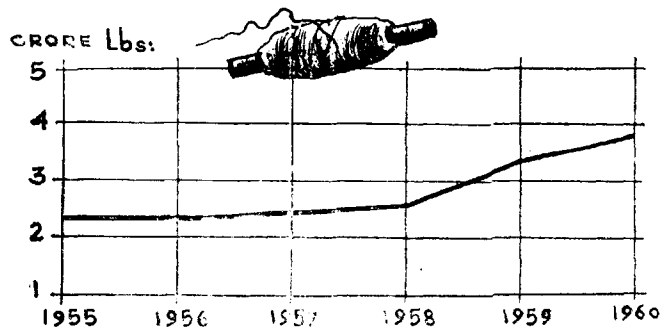
Production of Selected Industries & Mines // ANDHRA PRADESH 1955 TO 1960



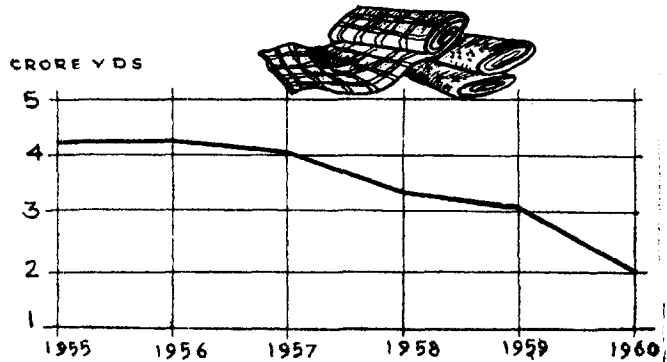
Production of Selected Industries and Mines in P.T. "COTTON PIECE GOODS"

COTTON YARN

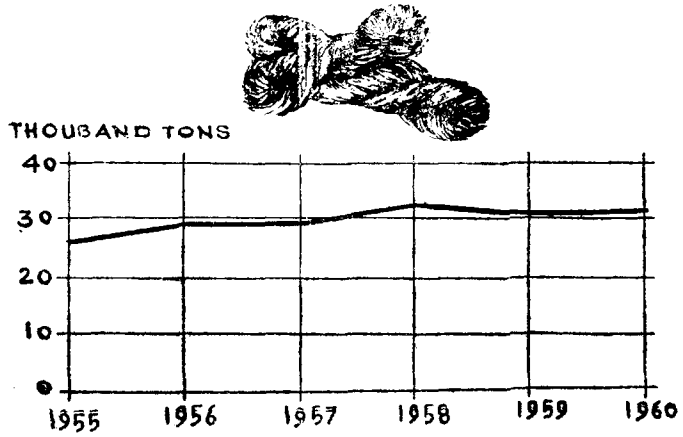
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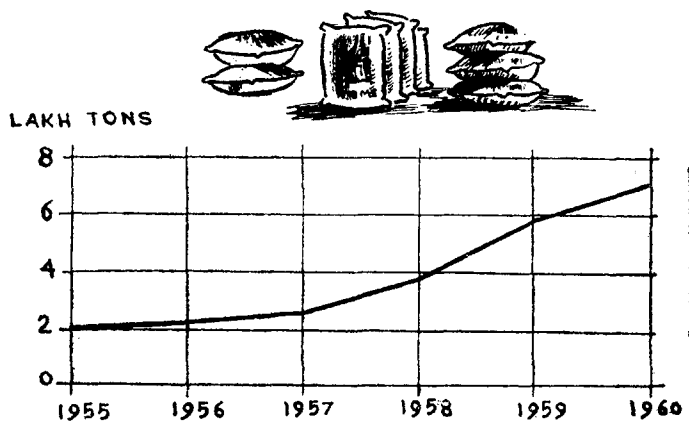
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STATEMENT
PRODUCTION OF SELECTED INDUSTRIES IN ANDHRA PRADESH DURING 1955—1960.

Item	Unit	1955	1956	1957	1958	1959	1960
1	2	3	4	5	6	7	8
Cotton—Yarn	'000 lbs	23,239	23,361	24,633	25,930	33,213	38,066
Cotton piece goods	-do- Yds.	42,346	42,741	40,751	34,076	31,406	20,494
Jute	Tons	26,449	29,563	29,579	33,019	31,250	31,365
Cement	—do—	203,901	221,470	262,300	377,238	580,180	707,336
Paper	—do—	15,165	16,851	20,673	20,596	24,782	34,945
Sugar	—do—	118,195	137,152	144,450	139,780	125,835	130,676
Cigarettes	Lakhs	44,608	54,134	54,413	58,828	62,827	68,185
Salt	'000 mds.	3,104	5,266	5,505	6,953	3,557	6,739
Coal	Tons	15,96,533	16,17,466	19,17,692	21,16,567	22,30,048	24,92,409

Prices

In spite of the substantial improvement in the agricultural and industrial production, there has been a marked increase in the prices and the cost of living index in the State during the Second Five-Year-Plan period. The following statement furnishes the average wholesale prices of the principal agricultural commodities in the State during the year 1955-56 and 1960-61.

Statement showing the State Annual Average Wholesale Prices of important agricultural commodities for the year 1955-56 and 1960-61.

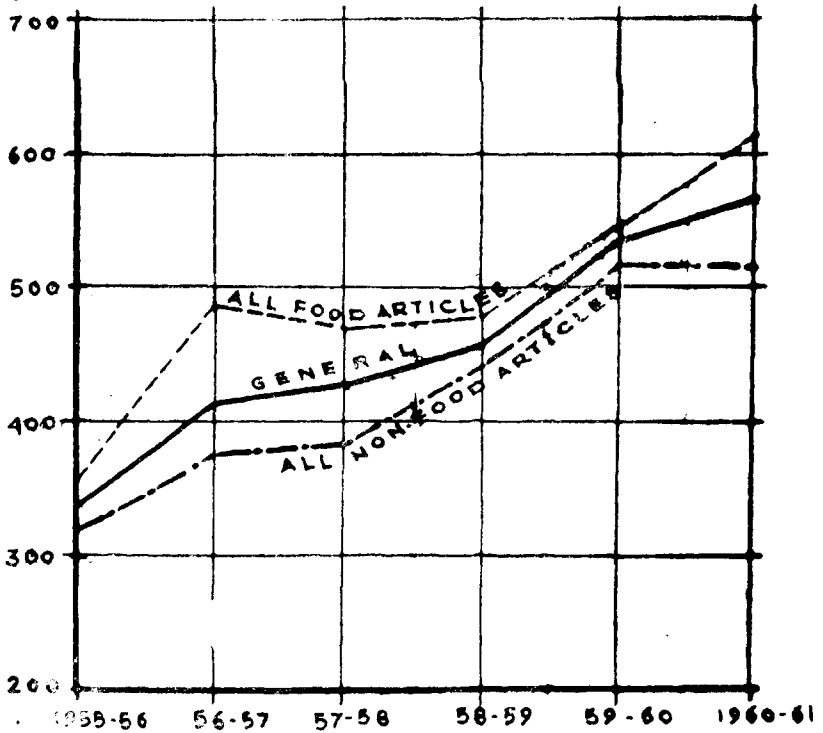
Statement I

Name of the Commodity.	State Annual Average Wholesale Price per Std. Md. of 82 $\frac{2}{7}$ lbs. or 37.32 kgs.		Percentage increase(+) or decrease (—) in the prices in 1960-61 as compared to 1955-1956.
	1955-56	1960-61	
1	2	3	4
	Rs. Np.	Rs. Np.	
1. Paddy I Sort	10.14	15.37	(+) 51.6
" II	8.44	14.11	(+) 67.2
2. Jowar	8.81	14.60	(+) 65.7
3. Ragi	7.14	13.91	(+) 94.8
4. Bajra	7.72	13.10	(+) 69.7
5. Redgram	10.82	16.57	(+) 53.1
6. Blackgram	14.01	17.73	(+) 26.6
7. Greengram	11.25	19.13	(+) 70.0
8. Groundnut	12.29	23.93	(+) 94.7
9. Gingelly	22.57	41.91	(+) 85.7
10. Castor-seed	12.26	24.82	(+) 102.4
11. Chillies	46.37	75.49	(+) 62.8
12. Onions	5.90	6.82	(+) 15.6
13. Cotton lint	47.40	94.92	(+) 100.3
14. Sugar	31.41	44.09	(+) 40.4
15. Tobacco	69.94	71.29*	(+) 1.9
16. Turmeric	58.80	34.77	(—) 40.9

*Exclusive of Excise duty.

WHOLESALE PRICE INDEX NOS: OF
FOOD & NON-FOOD ARTICLES IN HYD. (CM)

INDEX NOS: {BASE AUG' 1939 = 100}



It may thus be seen that the State Wholesale prices of Paddy first sort increased by 51.6 per cent in 1960-61 as compared to that of 1955-56. The increase in the State Wholesale Prices amounted to 67.2 per cent in the case of Paddy second sort, 65.7 per cent in the case of Jowar, 69.7 per cent in the case of Bajra, and 94.8% in the case of Ragi during this period. In respect of Pulses, the rise in prices varied from 70% (Greengram) to 26.61% (Blackgram), while the wholesale prices of Groundnuts, Gingelly, Castor seeds, Chillies and Cotton lint increased by 94.7%, 85.7%, 102.4%, 62.8% and 100.3% respectively during the period.

The index numbers of wholesale prices of food and non-food articles in Hyderabad city (base August 1989 = 100) increased from 337 in 1955-56 to 563 in 1960-61 *i.e.*, by 67%. The increase in the consumer price index numbers in 1960-61 ranged from about 32 to 44 per cent as compared to that of 1955-56. The following statement furnishes the details of the consumer price index numbers during each of the years from 1955-56 to 1960-61 in the five centres for which the index numbers were compiled.

STATEMENT II—CONSUMER PRICE INDEX NUMBERS

Year	Hyderabad	Nizamabad	Warangal	Visakha- patnam	Eluru
	(Base :-August 1943 to July 1944=100)			(Base :- July 1985 to June 1986=100)	
(1)	(2)	(3)	(4)	(5)	(6)
1955-56 ..	153	160	160	338	401
1956-57 ..	186	198	198	384	449
1957-58 ..	189	204	205	417	470
1958-59 ..	191	209	207	439	488
1959-60 ..	201	232	227	456	526
1960-61 ..	205	230	224	457	531

Growth of State Revenues.

The need for raising the additional resources for financing the Plan is obvious and several measures for increasing the tax and non-tax receipts of the State Government have been adopted during the Plan period. Apart from these measures, the increase in prices and incomes have also contributed to the improvement of the revenues of the State Government and the following table furnishes details of the revenues of the State Government during the Second Plan period.

RECEIPTS ON REVENUE ACCOUNT

Rs. in lakhs.

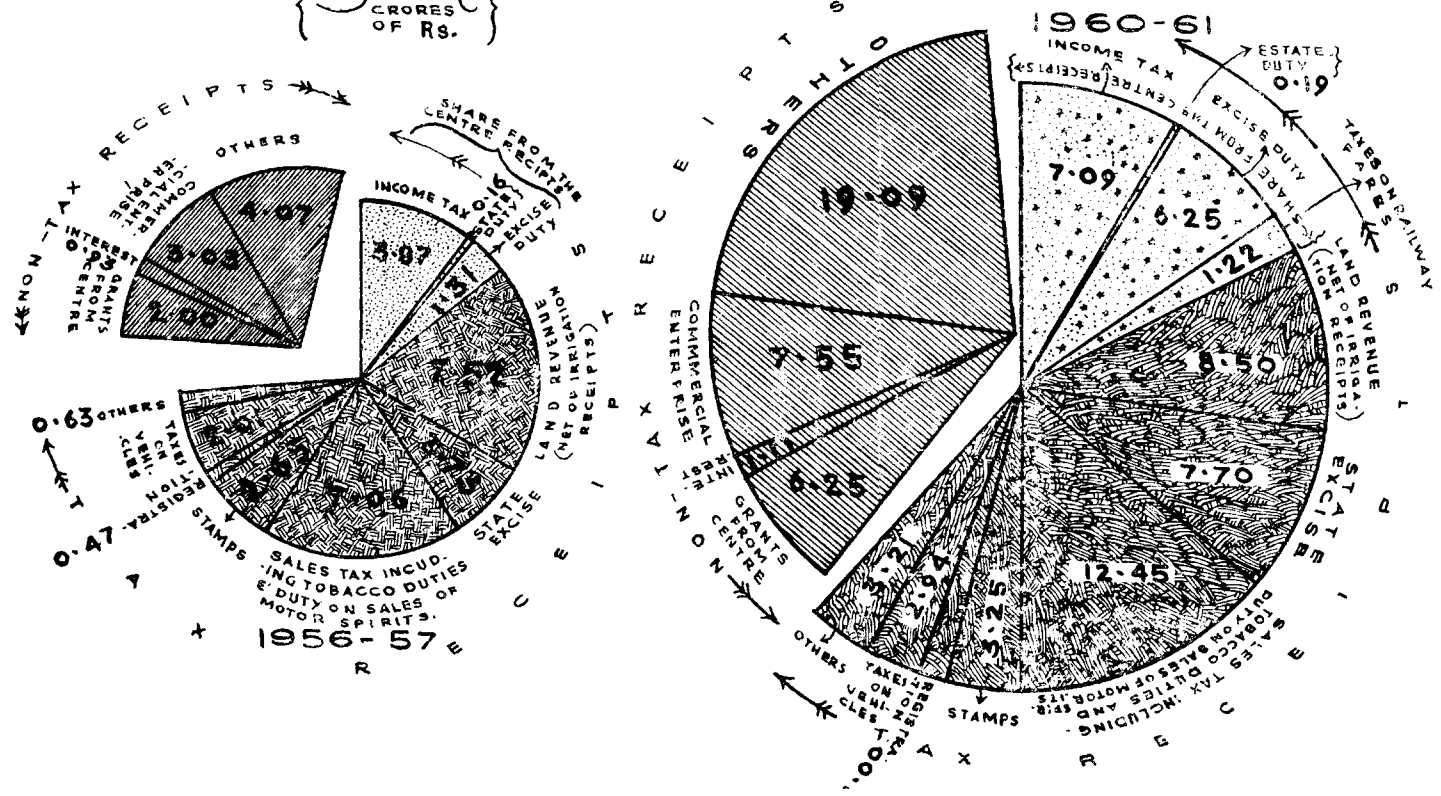
<i>Srl. No.</i>	<i>Description of items.</i>	<i>Accounts 1956-57</i>	<i>Accounts 1957-58</i>	<i>Accounts 1958-59</i>	<i>Accounts 1959-60</i>	<i>Revised Estimates 1960-61.</i>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(1)	Share of Central Revenue from income Tax, Union Excise Duties, Additional Duties of Excise, Estate Duty and Taxes on Railway Fares ..	534.76	1107.81	1327.34	1424.97	1668.35
II. Principal Heads of Revenue. . .						
	Land Revenue (including portion due to irrigation) ..	751.52	1058.63	1038.95	1130.05	1100.85
	State Excise Duties .	272.71	633.05	659.42	762.15	770.14
	Stamps ..	264.83	272.90	251.34	321.13	324.96
	Forests ..	158.54	246.66	274.08	305.69	287.28
	Registration ..	47.15	67.59	69.06	93.23	100.00
	Taxes on Vehicles ..	200.95	234.66	257.65	253.99	294.02
	General Sales Tax ..	598.79	893.40	845.52	1080.41	1133.97
	Receipts under the Sales of Motor Spirits Taxation Act ..	68.64	69.22	75.18	85.44	110.85
	Other Taxes & Duties	100.90	133.98	105.41	204.76	239.34
	Total ..	2464.03	3600.19	3576.61	4236.85	4361.41

Principal heads of Revenue in ANDHRA PRADESH

1956-57 and 1960-61

Figures in
CRORES
OF RS.

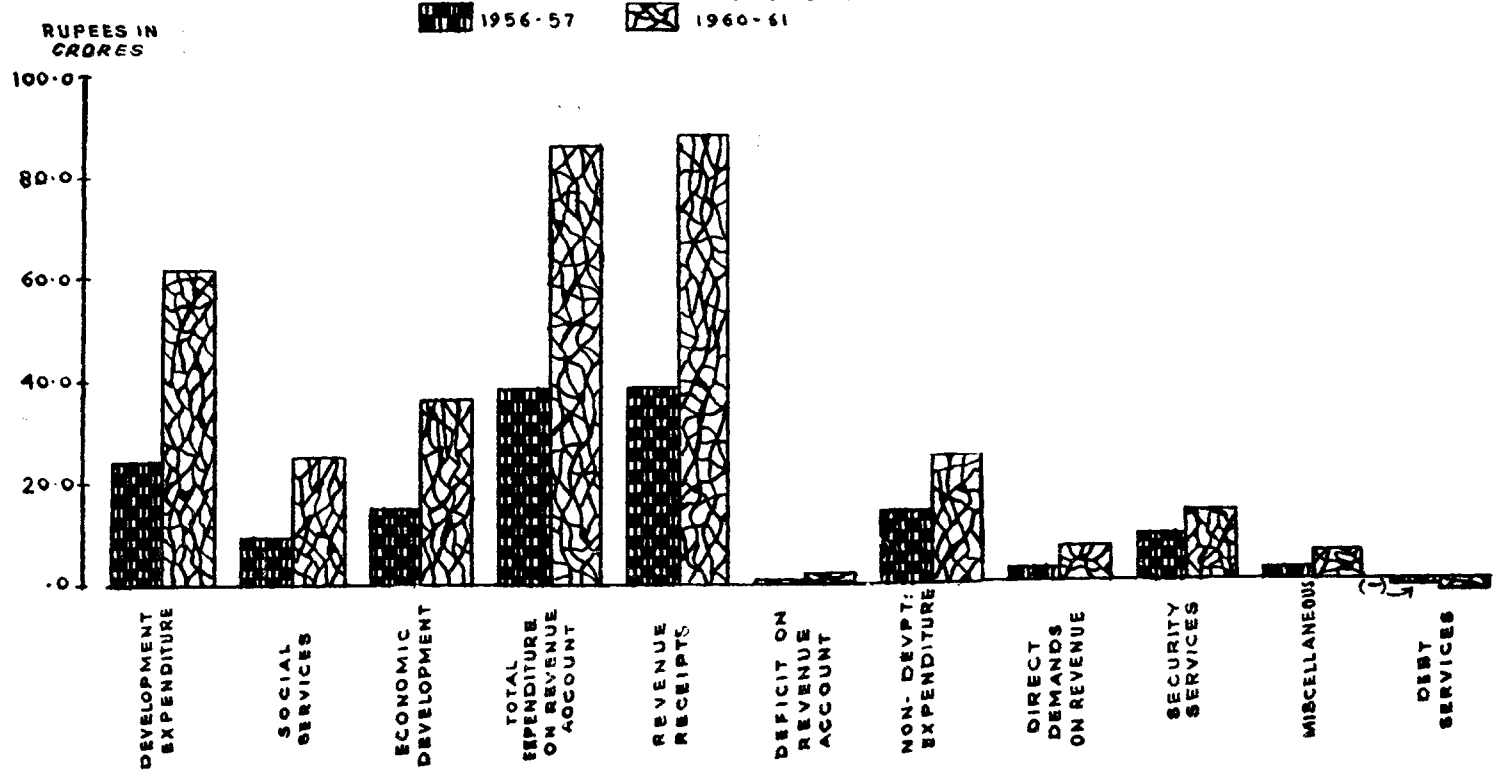
B



Pattern of Expenditure On Revenue Accounts in

ANDHRA PRADESH

1956-57 & 1960-61



RECEIPTS ON REVENUE ACCOUNT

Srl. No.	Description of items.	Accounts 1956-57	Accounts 1957-58	Accounts 1958-59	Accounts 1959-60	Revised Estimates 1960-61.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(Contd.)						
III. Receipts from Electricity Schemes	} Gross Receipts working Expenses	141.06	202.44	442.25	344.33	485.55
				—382.40	—181.25	—242.50
	Net Receipts ..	141.06	202.44	59.85	163.08	198.05
IV. Receipts under other Heads..	..	703.97	1422.19	1788.43	2369.50	2556.95
Grand Total	..	3843.82	6232.63	6752.23	8194.40	8779.76

Note.—The accounts for 1956-57 relate to Andhra for the full year and Telangana for the last five months.

Thus, there has been a steady improvement in the revenues of the State Government from Rs. 38.44 crores in 1956-57 to Rs. 87.80 crores (Revised Estimate) in 1960-61 *ie.* by 228%. The non-tax receipts *viz.*, grants from Centre, Interest, Commercial enterprises etc., increased by 326% while the share of Central taxes increased by 212% during the period. However, in the case of tax receipts the increase amounted to only 170%.

State Income.

The State Income of Andhra Pradesh has increased from Rs. 746 crores in 1955-56 to Rs. 1008 crores in 1960-61 at current prices. Thus, the increase in the State Income at current prices amounted to 35% during the second plan period. At constant prices (1952-53), however, the state income increased from Rs. 830 crores in 1955-56 to Rs. 910 crores in 1960-61 *ie.* by 9.5%. The per capita income has increased from Rs. 226 in 1955-56 to Rs. 283 in 1960-61 at current prices and from Rs. 249 to Rs. 254 at constant prices.

Of the total income of Rs. 746 crores in 1955-56 in Andhra Pradesh, the income in urban sector amounted to Rs. 256 crores while the remaining amount of Rs. 490 crores accounted for the income in rural sector. The

corresponding figures for 1960-61 are Rs. 360 crores and Rs. 648 crores respectively. Thus it will be seen that the increase in State income in urban sector amounted to 40.1% while it was 32.3% in the case of the rural sector. The per capita income has increased from Rs. 445 in 1955-56 to Rs. 582 in 1960-61 in urban sector and from Rs. 180 to Rs. 221 in the rural sector.

The following table furnishes the sector-wise distribution of State Income of Andhra Pradesh in 1955-56 and 1960-61.

STATE INCOME OF ANDHRA PRADESH

(Rs. in crores)

Srl. No.	Sectors.	1955-56	*1960-61	% of Col. 4 to Col. 3
1	2	3	4	5
I. Agriculture				
	(a) Agriculture and Animal Husbandry	394.33	529.45	134.3
	(b) Fisheries	3.18	11.76	375.7
	(c) Forestry	2.14	3.38	157.9
	Total I. ..	399.60	544.59	136.3
II. Mining, Manufacturing & Hand Trades.				
	(a) Mining	5.56	7.10	127.7
	(b) Factory Establishments ..	21.37	31.19	146.0
	(c) Small enterprises	51.37	54.35	105.8
	Total II. . . .	78.30	92.64	118.3

State Income of Andhra Pradesh—(Cont). Rs.in Crores

Srl. No.	Sectors	1955-56	1960-61	% of Col. 4 to Col. 3
1	2	3	4	5
(Contd)				
III. <i>Commerce, Transport & Communications.</i>				
(a)	Posts & Telegraphs	.. 4.50	7.09	157.6
(b)	Railways	.. 8.46	12.92	152.7
(c)	Banking & Commerce	.. 3.81	5.93	155.6
(d)	Other Commerce & Transports	.. 106.60	138.47	130.0
	Total III.	.. 123.37	164.41	138.2
IV. <i>Other Services.</i>				
(a)	Professional & Liberal Arts	.. 63.72	78.71	123.5
(b)	Domestic services	.. 5.03	6.20	123.3
(c)	Public authority	.. 52.85	86.11	164.5
(d)	Housing Property	.. 24.07	34.85	144.8
	Total IV.	.. 145.17	205.87	141.8
	Grand Total	.. 746.44	1007.51	135.0
*Provisional.				

It may thus be seen from the above table that the Agricultural Sector contributes the largest share to the State Income of Andhra Pradesh and the unfavourable seasonal conditions adversely affecting Agricultural production in 1960-61 are largely responsible for a smaller increase in State Income in 1960-61.

District Distribution of State Income.

The following table furnishes the details of district-wise distribution of State Income in 1955-56 and 1960-61. It may be seen that while the income generated in the

districts of Andhra region increased by 28.5% the income generated in the districts of Telangana region increased by 49.0% during the period under review. Nizamabad, Adilabad, Medak districts accounted for the highest rate of growth of income during the Plan period while Cuddapah, Srikakulam, Nellore districts accounted for the lowest growth rate during the Plan period.

DISTRICT-WISE DISTRIBUTION OF INCOME.

		(Rs. in crores)	(Provisional)		
<i>District.</i>		1955-56	1960-61	% of increase in 1960-61 over 1955-56	
1		2	3	4	
Ananthapur	.. ..	40.61	51.49	26.8	
Chittoor	.. ..	36.60	48.14	31.5	
Cuddapah	.. ..	29.61	38.59	18.4	
East Godavari	.. ..	51.84	72.02	38.9	
Guntur	.. ..	69.77	87.57	25.5	
Krishna	.. ..	55.90	78.11	41.2	
Kurnool	.. ..	42.58	50.71	19.1	
Nellore	.. ..	45.93	54.41	18.5	
Srikakulam	.. ..	47.83	54.12	13.2	
Visakhapatnam	.. ..	43.89	63.92	45.6	
West Godavari	.. ..	46.94	62.58	33.3	
Total Andhra ..		510.90	656.66	28.5	
Adilabad	.. ..	19.52	34.54	76.9	
Hyderabad	.. ..	54.79	82.87	51.3	
Karimnagar	.. ..	25.69	40.20	56.5	
Khammam	.. ..	18.26	23.13	26.7	
Mahbubnagar	.. ..	24.01	30.61	22.9	

<i>District.</i>	1955-56	1960-61	% of increase in 1960-61 over 1955-56
1	2	3	4
<i>(Contd.)</i>			
Medak	18.26	81.40	72.0
Nalgonda	28.89	87.82	83.2
Nizamabad	20.27	86.66	80.9
Warangal	25.45	88.62	82.1
Total Telangana ..	235.54	850.85	49.0
STATE TOTAL: ..	746.44	1007.51	85.0

Per Capita Income (at current Prices)

Andhra	287	282	19.0
Telangana	196	276	40.8

Employment.

According to the preliminary results of the population Census 1961, the total population of Andhra Pradesh in March 1961 was 359.8 lakhs. Using the average growth rate observed during the decade 1951-61, it was estimated that the population of the State at the commencement of the Second Plan was 335.5 lakhs. Thus the population of the State increased during the Second Plan period by 24.3 lakhs.

It was observed from the Socio-Economic Survey conducted by the Bureau in Andhra Pradesh during 1958-59 that 45.94% of the rural population and 29.67% of the urban population formed the labour force. Using these percentages, the total labour force at the beginning of the Second Plan and at the end of the Second Plan can be estimated at 144.7 lakhs and 155.1 lakhs respectively. Thus there has been an increase of 10.4 lakhs in the labour force during the Plan period. At the beginning of the Second Plan, it was estimated that there was a back log

of 4.6 lakhs of unemployed persons. Thus, in all, 15.0 lakhs of jobs were required to clear the unemployment in the State by the end of the Second Plan.

The data on employment, both direct and indirect, generated during the Second Five Year Plan Period are not readily available for Andhra Pradesh. Even in the case of Plan Schemes information on employment in respect of all the implemented schemes could not be collected from the departments. Therefore, an attempt has been made to estimate the additional employment generated by utilising the expenditure—employment ratios indicated by the Planning Commission in their publication "Outlook on Employment", and the following table furnishes the details of employment generated in Andhra Pradesh during the Second Five Year Plan Period under the various heads of development.

Srl. No.	Sector	Total Expenditure during the Second Plan (Rs. in lakhs)	Estimated Additional Employment generated during the Second Plan.
1	2	3	4
1.	Agricultural Production including Minor Irrigation, Land Develop- ment, Panchayats and other miscel- laneous	1324.40	8,426
2.	Animal Husbandry, Dairying and Milk Supply	270.24	3,521
3.	Forests and Soil Conservation ..	160.61	2,517
4.	Fisheries	61.99	513
5.	Co-operation, Warehousing and Marketing	310.04	2,685
6.	Community Development ..	1609.35	8,344
7.	Irrigation	5743.05	2,529
8.	Power	3853.28	3,214

Srl. No.	Sector	Total Expenditure during the Second Plan (Rs. in lakhs)	Estimated Additional Employment generated during the Second Plan.
1	2	3	4
<i>(Contd.)</i>			
9.	Large & Medium Scale Industries ..	153.50	16,761
10.	Village & Small Scale Industries ..	861.65	11,965
11.	Roads	593.20	2,626
12.	Road Transport .. ..	..	25,097*
13.	Railways .. ..	..	13,120
14.	Education	1236.45	24,774
15.	Health (Medical & Public Health) ..	1108.06	3,624
16.	Housing	418.79	..
17.	Other Social Services	796.43	489
18.	Mining .. ..	..	20,000
19.	Total continuing employment ..	..	1,50,205
20.	Construction employment ..	..	1,01,898
21.	Additional construction and continuing employment in the State Plan ..	..	2,52,103
22.	Employment due to non-development out-lay .. ..	..	22,200
23.	Employment due to Central Plan ..	..	16,000
24.	Total direct employment ..	..	2,90,803
25.	Indirect Employment at 56% ..	..	1,62,569
26.	Employment outside Agriculture ..	..	4,52,872
27.	Additional employment in Agriculture ..	..	1,00,000
Total additional employment generated.		..	5,52,872 or 5.58 lakhs.

* Estimated.

It may be seen that the continuing employment under Plan Schemes amounted to 1.50 lakhs while construction employment was 1.02 lakhs. In addition to this, the additional employment on the central plans and non-plan schemes of the State Government may be placed at 0.38 lakh and this brings the total direct employment during the Plan period to 2.90 lakhs. It was also estimated that indirect employment forms 56% of the direct employment while additional employment in Agriculture was placed at 1.00 lakh. Thus the total additional employment generated in Andhra Pradesh during the Second Five Year Plan period may be placed at 5.53 lakhs.

It may thus be seen that against the total job requirements of 15.00 lakhs, additional employment could be secured in respect of 5.53 lakhs only during the Second Five Year Plan period. There will, therefore, be a back log of unemployment to the tune of 9.47 lakhs at the commencement of the Third Five Year Plan as against 4.6 lakhs at the commencement of the Second Plan.

Employment in the Public Sector.

The employment in the public sector has increased from 2.66 lakhs in 1955-56 to 4.59 lakhs in 1960-61. During this period, the employment in the Central Government establishment in the State increased from 0.44 lakh to 0.97 lakh, State Government establishments from 1.40 lakh to 2.11 lakhs, Quasi-Government establishments from 0.35 lakh to 0.59 lakh and local bodies from 0.47 lakh to 0.92 lakh as detailed in the following table. It may however be noted that a part of the increase in the employment in the public sector as revealed from the following table may be ascribed to the increased coverage of the N. E. S.

Statement.

EMPLOYMENT IN PUBLIC SECTOR.

Srl. No.	Agency	1955-56		1960-61	
		Reporting Agencies	Employ- ment (in lakhs)	Reporting Agencies	Employ- ment (in lakhs)
1	2	3	4	5	6
1.	Central Government .	148	0.44	172	0.97
2.	State Government ..	985	1.40	1,392	2.11
3.	Quasi-Government ..	101	0.35	180	0.59
4.	Local Bodies ..	108	0.47	445	0.92
	Total ..	1,337	2.66	2,189	4.59

CHAPTER IV

PROGRESS OF PLAN SCHEMES DURING 1960-61.

A sum of Rs. 44.04 crores was provided in the Budget for 1960-61, for the implementation of Plan schemes in the State. Of this, a sum of Rs. 27.91 crores was allotted for the implementation of Plan schemes in the Andhra region while the remaining amount of Rs. 16.13 crores was allotted for the implementation of Plan schemes in the Telangana region. But during the course of the year, the Plan provision was found to be insufficient to keep up the tempo of developmental activity in respect of Irrigation and Power Projects, Nagarjunasagar etc., and hence, apart from enhancing the provision to Rs. 49.13 crores, the excess provisions available with the departments not in a position to utilise the amounts allotted to them were diverted to certain other departments in need of additional funds over and above the provisions originally made for their departments. The following table indicates the original and revised provisions for 1960-61 under the six major heads of development.

TABLE I

ORIGINAL AND REVISED PROVISIONS FOR 1960-61.

(Rupees in Crores).

Srl. No.	Head of Development	Original Provision for 1960-61	Revised Provision for 1960-61
(1)	(2)	(3)	(4)
1.	Agricultural Programmes	12.92	13.99
2.	Irrigation and Power ..	17.11	19.77
3.	Industries	2.70	2.93
4.	Transport and Communications ..	1.87	2.67
5.	Social Services ..	8.76	9.28
6.	Miscellaneous ..	0.68	0.49
	Total ..	44.04	49.13

Against these provisions, a sum of Rs. 50.56@ crores was spent during the year forming 114.8% of the original provision and 102.9% of the revised provision. The following table furnishes the details of progress of expenditure during 1960-61 under the six major heads of development for Andhra, Telangana and Andhra Pradesh.

@Dose not include expenditure incurred under Road Transport Corporation.

[Statement.]

TABLE II.

PROGRESS OF EXPENDITURE DURING 1960-61.

(Rupees in crores).

Srl. No.	Head of Development	ANDHRA			TELANGANA			ANDHRA PRADESH		
		Provi- sion	Expen- diture	Perce- ntage	Provi- sion	Expen- diture	Perce- ntage	Provi- sion	Expen- diture	Perce- ntage
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1.	Agricultural Programmes ..	8.30	8.02	96.6	4.62	4.41	95.5	12.92	12.43	96.2
2.	Irrigation and Power ..	10.79	14.37	133.2	6.32	8.57	135.6	17.11	22.94	134.1
3.	Industries ..	1.95	1.49	76.4	0.75	0.99	132.0	2.70	2.48	91.9
4.	Transport and Communications@ ..	1.38	1.27	96.2	0.54	0.90	169.8	1.87	2.17	116.0
5.	Social Services ..	4.91	5.75	117.1	3.85	4.33	112.5	8.76	10.08	115.1
6.	Miscellaneous ..	0.62	0.27	43.5	0.06	0.19	316.7	0.68	0.46	67.6
	Total ..	27.90	31.17	111.7	16.14	19.39	120.1	44.04	50.56	114.8

@ Does not include expenditure incurred under Road Transport expenditure

Out of the total expenditure of Rs. 50.56 crores, the expenditure incurred in Andhra region amounted to Rs. 31.17 crores or 111.7% of the provision while the remaining amount of Rs. 19.39 crores forming 120.1% of the provision was spent in the Telangana Region indicating more or less an uniform performance in both the regions of the State. It will also be observed that the percentage of expenditure was highest under Irrigation and Power (134.1%) followed by Transport and Communications (116.0%) and Social Services (115.1%). The expenditure under Agricultural Programmes, Industries and Miscellaneous, Development Schemes formed 96.2%, 91.9% and 67.6% respectively of the original provision.

CHAPTER V.

AGRICULTURAL PRODUCTION

In the development programme for 1956-61, a sum of Rs. 585.04 lakhs was originally provided for the implementation of 144 schemes designed to promote agricultural production in the State. During the course of the Plan, however, 41 schemes originally contemplated involving an outlay of Rs. 89.59 lakhs were either deferred or dropped from the Plan while the provision in respect of some of the implemented schemes was either reduced or enhanced on the basis of actual requirements. On the other hand, 41 new schemes were included in the Plan. As a result of these changes, the revised provision for the 179 schemes programmed for implementation during 1956-61, amounted to Rs. 472.33 lakhs. But, only 140 schemes were actually implemented during the Plan period at a cost of Rs. 444.63 lakhs. Of this, a sum of Rs. 352.82 lakhs was spent on 92 schemes implemented in the Andhra region while the remaining 91.81 lakhs was spent on 48 schemes implemented in the Telengana region.

Some of the important physical targets and achievements under Agricultural production in the State during the Second Plan period are furnished in the following statement-

[Statement.]

STATEMENT.

IMPORTANT PHYSICAL TARGETS AND ACHIEVEMENTS.

Srl. No.	Item	Unit	Target for 1956-61	Achievement during 1956-61
(1)	(2)	(3)	(4)	(5)
1.	Establishment of Seed Farms	Number	445	442
2.	Construction of Seed Stores	.. ..	445	380
3.	Supply of Tractors on H.P.S.	.. ..	375	192
4.	Supply of Power Sprayers	.. ..	340	110
5.	Supply of Hand Operated Sprayers and Dusters	.. ..	5620	5818
6.	Establishment of Dt. Service Stations	.. ..	5	5
7.	Fertilizers Distributed	.. Lakh tons.	12.67	8.09
8.	Addl. Food Production potential	.. ..	16.10	14.84
9.	Production of Compost	.. ..	17.24	14.74
10.	Training of personnel (<i>viz.</i> Farmers, Gardeners, Maistris, Fieldmen, Tractor operators etc.)	.. No.	49,841	26,193
11.	Seeds distributed	.. tons	21,758	22,441

An account of the progress made in respect of the schemes implemented during 1956-61 is given below. Statement appended will show the financial and physical targets and achievements during each of the years 1956-61 under each scheme.

Agricultural Production**Andhra.***Seed Farms and Seed Stores:—*

At the instance of Government of India the Scheme for the establishment of one Seed Farm of 25 acres and the construction of one Seed Store at an estimated expenditure of Rs. 10,000/— in each of the Development Blocks has been sanctioned by the State Government.

These Seed Farms would produce nucleus seed on a large scale for distribution to the registered growers for running primary Seed Farms. The seed obtained from these farms would be stored in the various seed stores for distribution to the ryots. The scheme was first initiated in 1956-57. Against the target of 301 Seed Farms and 301 Seed Stores, 301 Seed Farms were actually established and the construction of 272 Seed Stores was completed in the Andhra region. The work relating to the construction of the remaining Seed Stores is in progress and is expected to be completed soon. An expenditure of Rs. 105.08 lakhs was incurred on the scheme during the Second Plan Period.

Scheme for running Zonal Nucleus Seed Farms of improved strains of Groundnut and Castor.

Under this scheme it was proposed to multiply pure seeds of groundnut (T.M.V. 2 and T. M. V. 3) and castor strains (T.M.V. 1) at the two Nucleus Seed Farms at Kosigi in Kurnool district and Kadiri in Anantapur District and distribute the seeds for sowing in primary farms for further multiplication and distribution. The scheme was included in the Plan from 1957-58 and continued in the subsequent years of the Second Five-Year Plan under the overall supervision of the Oilseeds Specialist. An area of 90 acres under groundnut and 88.85 acres under castor was sown in the Plan period and the seeds obtained on the farms were distributed to different districts of the State for organising primary seed farms for multiplication. An expenditure of Rs. 1.32 lakhs has been incurred on the scheme during the Second Plan period.

Rabi Campaign:—

The special feature of the scheme was to associate the departmental and extension workers as well as agricultural college students and trainees with the farmers and establish mass contact through brigades formed for this purpose. Special credit facilities provided to the farmers during the campaign period were met from the Non-Plan provision, and expenditure on the literature supplied to the farmers on the scheme etc., was debited to the plan. The campaign was launched in the State for the first time in 1958 Rabi Season and

continued in 1959 and 1960 Rabi Seasons. An expenditure of Rs. 4.28 lakhs was incurred on the scheme during the Second Plan period.

Kharif Campaign:—

To intensify food production efforts in the Khariff season and to mobilise all the available resources of the department to popularise the improved methods of agricultural production, the campaign was first started in 1959-60 and was continued in the subsequent years of the Second Plan. The expenditure on the scheme for providing credit facilities to the cultivators for seeds and manures was met from Non-Plan provision. The expenditure on transport facilities etc., (Jeeps to the Dy. Directors of Agriculture) was met from the Plan provision. An expenditure of Rs. 1.21 lakhs was incurred on the scheme during the Second Plan period.

Scheme for Japonica Indica Crosses for evolution of thrifty strains of Paddy :—

The object of this research scheme was to step up rice production by combining the higher yielding character of Japonica types with the fine quality of Indicas since it has been recognised that crosses between geographic races of the crop plant give valuable material by combining the rare genes residing in different races. The scheme was started during 1956-57 at the Agricultural Research Station, Samalkot with a staff of one Research Assistant and a Fieldman under the guidance and supervision of the Rice Specialist. So far 3151 I.J hybrid progenies have been critically examined with a view to isolate types of rice combining the good qualities of the Indica and Japonica races of rice. Promising ones were tested for their yields in randomised and replicated trials with local standard strains of equal duration. The efforts made were rewarded by the isolation of two high yielding cultures I. J. 1701 of M.T.U. 3 duration and I. J. 2253 of S.L.O.—15 duration. Their performance in the district trials organised in cultivator's fields proved better than the standard strains. A new breeding programme was initiated using the local popular strains of the Delta area with some of the Japonica types in the last year of the scheme. A sum of Rs. 0.38 lakh was spent on this scheme during the Plan period.

Improvement of Akkullu variety of Paddy:—

Akkullu, a cosmopolitan variety of paddy, is grown under varied conditions in the Godavari delta. For the improvement of Akkullu by evolving a non-lodging strain and for the evolution of a plant demonstration for the second crop, a research scheme was started in 1956-57 at the Agricultural Research Station, Maruteru. The promising non-lodging progenies evolved were studied in the main crop season and promising single plants were provisionally selected for further study. Culture 3343 which is found promising in this Station is under district trilas in the cultivator's fields during the Second crop season. An expenditure of Rs. 0.15 lakh has been incurred on the scheme during the Second Plan period.

Agricultural Research Station, Kamalapuram, Cuddapah District.—

An area of 4.22 lakh acres was under lift irrigation in the districts of Cuddapah, Kurnool, Anantapur, Chittoor and Nellore, but no improved strains were evolved from local varieties. A scheme for evolving strains of better yielding and high quality types was sanctioned and a research station was established in 1957-58 at Kamalapuram, in Cuddapah district for the purpose. An expenditure of Rs. 0.95 lakh has been incurred on the scheme during the Second Plan period.

Scheme for evolution of improved Millets—(Employment of Staff).

With the object of evolving high yielding strains suitable to the tract, survey, collection of materials, testing of selections and other studies, were proposed under the scheme at the Agricultural Research Station, Lam, Guntur district. The scheme was started in 1956-57 and continued during the subsequent years of the Second Plan. These uniform sorgham trials on an All India-basis, were initiated by the Sorgham Specialist, Rockefeller Foundation, in collaboration with the Indian Council of Agricultural Research. Several jowar types comprising of Indian and Exotic varieties and

having duration of 75 days or less were tested in a yield trial to find out their suitability to the tract. Experiments on Sajja, Korra, and Maize were also conducted during the Second Plan period, and an expenditure of Rs. 0.29 lakh was incurred.

Control of Pests and diseases of crops:—

This is a continuation scheme from the First Five-Year Plan which envisages the purchase of sprayers and dusters for stocking in the Agricultural Depots for carrying out remedial measures against pests and diseases of crops. Adequate quantities of pesticides were purchased and distributed to the cultivators during the Second Plan period. Four propaganda vans were also purchased so that insecticides and pesticides may be made available to the ryots at short notice on the outbreak of pests. In addition 1390 dusters 2202 Hand Operated Sprayers and 108 Power Sprayers were purchased during the Plan period for supply to the ryots to combat pests and diseases. Five vans were also purchased during the Second Plan period under the scheme. An expenditure of Rs. 39.71 lakhs has been incurred during the Plan period for the purchase of equipment and pesticides, etc.

Establishment of District Service Stations—(Andhra Pradesh):—

There are no workshops in the districts of Andhra and Telangana for quick repairs of agricultural machinery owned by Government as well as private individuals. It was therefore proposed to establish one District Service Station for every two districts which will be of great assistance in reducing the number of disabled machines which in turn will contribute to greater turnover and assistance to ryots in their efforts to increase food production. The stations will be run on commercial basis and the cost of servicing recovered from beneficiaries. During the Second Plan period, Service Stations were established at Kakinada, Nellore, Eluru, Nizamabad and Rudrur and an expenditure of Rs. 1.96 lakhs was incurred on the scheme.

Scheme for the purchase and distribution of Tractors on Hire Purchase System:—

This is a continuation scheme from the First Five-Year Plan. Under this scheme, it was proposed to purchase and distribute 75 tractors every year to the ryots on hire purchase system to encourage the agriculturists in adopting machanical cultivation. But due to foreign exchange difficulties, the required number of tractors could not be secured for distribution, and against the target of 375 tractors, 192 tractors only could be supplied to the ryots at an expenditure of Rs. 28.71 lakhs. As there is similar demand in the Telangana region the scheme has been extended to the Telangana region also and out of 192 tractors referred to above 11 tractors were distributed to the ryots in Telangana region while supplying 181 tractors in the Andhra region.

Scheme for the purchase and distribution of agricultural implements on Hire Purchase System:—

Under this scheme it was proposed to supply improved agricultural implements on hire purchase system to the needy agriculturists who cannot afford to purchase them at one instance. The scheme was first initiated in 1957-58 and continued during the subsequent years of the Second Plan. Loans to the extent of Rs. 4.04 lakhs were distributed to the ryots for the purchase of improved agricultural implements.

Scheme for the subsidised distribution of Rotary Push-hoes for Japanese Method of Paddy Cultivation—

Rotary push-hoe is an improved implement which is very important for the adoption of Japanese method of paddy cultivation. According to this scheme rotary push-hoes will be purchased and distributed at subsidised rates (50% of the cost price) to the cultivators with a view to popularise the Japanese method of paddy cultivation. The remaining 50% of the cost will be borne by the State and the Centre equally. The scheme was taken up for implementation in 1959-60, and 10,315 Rotary Push-hoes have been distributed to the ryots in the Plan period incurring an expenditure of Rs. 1.95 lakhs.

Scheme for trial of improved imported agricultural implements.

The object of this scheme is to evolve efficient and labour-saving agricultural implements for the various agricultural operations from the available improved agricultural implements in different parts of the country and also to import some useful foreign implements for conducting trials. The scheme was taken up for implementation in 1959-60 under the supervision of the Assistant Agricultural Engineer (Research) and continued in the year 1960-61 also. An expenditure of Rs. 0.01 lakh has been incurred on the scheme in the Second Plan.

Scheme for the subsidised distribution of Hand Operated Sprayers and Dusters:—

The object of the scheme is to induce cultivators, co-operatives, Panchayats etc., to own the required number of sprayers and dusters for carrying out plant protection operations. The equipment will be supplied at subsidised rates of 50% of the cost price, the balance of 50% of the cost being met by the Centre and State Governments equally. The scheme was taken up for implementation in 1958-59 and continued in the subsequent years of 1959-60 and 1960-61. During the Plan period 1407 hand operated sprayers and dusters were distributed to the ryots at subsidised rates at an expenditure of Rs. 2.22 lakhs.

Schemes for the production of G.-2. Chillies:—

G.-2. chilli is an important strain evolved at the Agricultural Research Station, Lam, for which there is a great demand on account of its high yielding quality combined with its tolerance of the attack of thrips. Under this scheme, G. 2. chillies seed will be produced at the Agricultural Research Station, Lam, and will be distributed to the cultivators in the dry areas. During the Second Plan period 1,612 tons of G. 2. chilli pods were produced and distributed to the cultivators to cover an area of 11,937 acres. An expenditure of Rs. 1.12 lakhs has been incurred on the scheme during the Plan period.

Cotton Extension Scheme :—

This is a continuation scheme from the First Five-year Plan. The object of the scheme is to increase the production of cotton from 1.35 lakh bales to 1.65 lakh bales of 392 lbs. each during the Second Plan Period by adopting extensive and intensive cultivation measures such as reclamation of fallows and waste lands, replacement of crops other than food crops, multiplication and distribution of improved seeds, etc. The scheme has been continued in the Second Plan Period also. An expenditure of Rs. 3.05 lakhs has been incurred in the Second Five-Year Plan Period.

Scheme for trial of Mungari Cotton :—

With the financial assistance from the Central Cotton Committee, several high yielding strains were evolved. In 1956-57, this scheme was started for testing these new strains under mixed cropping conditions of the Mungari Cotton area on the suggestions of the Indian Central Cotton Committee and the same was continued in the subsequent years of the Second Plan. The trials were conducted in all the seasons during the period under review. Inter-sowing cotton in widely-spaced component crop resulted in less attacks by both red-hairy caterpillar and stenosis. No. 39304, a selection built up at Adoni was found to be a distinctive improvement over local mungari and it is hoped to be released as a strain. During the Plan period an expenditure of Rs. 0.78 lakh, which represents the share of the State Government has been incurred (the share of the Indian Central Cotton Committee is not counted towards Plan expenditure)

Tobacco Extension Scheme :—

With a view to imparting practical knowledge to the ryots by ocular and other demonstrations for cultivation, curing, handling, etc., in production of superior grades of tobacco on the same lines as in Guntur District, a scheme was started in 1956-57 in Krishna, East and West Godavari Districts. It is proposed to integrate this scheme with the scheme in Guntur District. During the period under review, 3053 demonstrations were conducted and

control measures against pests and diseases were taken up on an area of 62,308 acres. A quantity of 7578 lbs. of improved seeds of Tobacco was also distributed during the Second Plan period, bringing an area of 19,954 acres under improved seeds and incurring an expenditure of Rs. 3.56 lakhs.

Sugarcane Development Scheme (including Intensive Manuring Scheme) :—

The object of the scheme is to improve the cane yield and juice quality by intensive development work in important cane growing tracts. It also envisages the doubling of the production of cane in the next 15 years, and during the Second Plan period, the increase will be by 33.3%. With a view to popularising the use of increased application of manures to cane crop for better yields the scheme of Intensive Manuring also was implemented in 1958-59 as an integral part of the Sugarcane Development scheme which was started in the First Five-Year Plan and continued in the Second Plan also. The scheme is now in operation in 20 Development Centres and 5 Zonal Centres to carry out intensive propaganda and hold demonstrations on the fields of the cultivators in the latest methods of improved cultivation. An expenditure of Rs. 10.95 lakhs has been incurred on the scheme during the Second Plan Period.

Scheme for starting of pulses improvement work on regional basis in Andhra :—

Though an area of about 32 lakh acres is under pulses in the State, there is no separate research station for carrying on trials on this crop. Hence a scheme for carrying out research work on pulses at the existing Research Stations at Lam, Kadiri and Samalkot was taken up in 1958-59, for evolving suitable selection and achieving quick and assured results to cater to the needs of different regions. Under this scheme, several samples were collected and put under observation besides some comparative trials. A staff consisting of 3 Research Assistants and four Fieldmen were appointed under the scheme and an expenditure of Rs. 0.41 lakh was incurred during the Second Plan Period.

Improvement of Bhimunipatnam Jute (Mesta) in Andhra :—

Bhimunipatnam Jute is an important crop in Andhra region and an area of about 1.50 lakhs acres is covered with this crop. With a view to investigate into the characteristics of these varieties and select better strains, this scheme has been implemented at the Agricultural Research Station, Lam in 1958-59 and is continued in the subsequent years of the Plan. The scheme also envisages the survey of gogu growing areas in the State, selection of pure lines of promising varieties and study them. During the period under review, samples were collected from Srikakulam district and they were studied and some promising varieties were advanced for further study. An expenditure of Rs. 0.47 lakh has been incurred on the scheme during the Plan period.

Protection of Sugarcane crop against pests and diseases :—

Under this scheme each Zonal Centre is proposed to be equipped with 2 power sprayers and dusters for adoption of timely control measures against pests and diseases of sugarcane crop. It is also proposed to demonstrate the efficiency of the insecticidal and fungicidal sprayers by subsidising the cost of the chemicals. The scheme was started in 1957-58 as a part of sugarcane development scheme and is continued in the subsequent years of the Second Plan. An expenditure of Rs. 1.09 lakhs was incurred on the scheme during the Second Plan period.

Scheme for multiplication and distribution of (a) Laxmi Cotton and (b) Western Cotton :—

With a view to maintaining the quality and purity of Laxmi and Western Cottons, it was proposed to multiply and distribute these cotton seeds in the Ryalaseema area. At the suggestion of the Indian Central Cotton Committee, it is proposed that the work of seed multiplication is reorientated and co-ordinated with the Cotton Extension scheme. The scheme has been taken up for implementation in 1958-59 and is continued in the subsequent years of the Second Plan, covering an area of 10,800 acres under Laxmi and Western Cottons. An expenditure of Rs. 2.20 lakhs has also been incurred on the scheme during the Plan period.

Scheme for evolution of cotton varieties suitable for rice fallows :—

This is a new scheme included in the Plan for 1960-61 and the object of the scheme is to determine a suitable Hirsutum strain for general cultivation in rice fallows of the Godavari, Krishna and Pennar deltas in Nellore District, and to carry out agronomic investigations for successful cultivation of cotton in these fallows. The scheme will benefit about 2.00 lakh acres sown to single crop paddy and also incidentally step up the production of long stapled cotton. An assistant Cotton Specialist with the assistance of technical and ministerial staff was appointed in the scheme with headquarters at Nellore. An expenditure of Rs. 0.18 lakh was incurred on the scheme in the Second Plan.

Scheme for development of Cashewnut :—

The object of the scheme is to bring more area under cashewnut plantation in Srikakulam, East Godavari and Guntur districts, and to survey the available areas suitable for extending cashewnut cultivation, and to bring vast area of waste lands under cashewnut crop. This is a dollar earning crop in India, and there is need to explore all possible way to increase the area under the crop. Loans will also be sanctioned to the cultivators under this scheme at Rs. 100 per acre for raising new orchards. The scheme was implemented in 1958-59 and continued in the subsequent years of the Second Plan, with a staff of one Cashewnut Development Officer supported by technical and ministerial subordinate staff. An amount of Rs. 9.59 lakhs was spent under loans including an expenditure of Rs. 0.08 lakh on staff and an area of 8,265 acres was covered with this crop.

Fruit Development Scheme :—

Under this scheme, it was proposed to increase fruit production by increasing the existing area and also by bringing new area under fruit cultivation in pursuance of the recommendations of the Planning Commission for diversifying agricultural production and stepping up fruit production. Under this scheme, short term loans were granted to the ryots for rejuvenating the old orchards

at the rate of Rs. 15 per acre and long term loans for bringing new area under fruit trees at rates ranging from Rs. 150 to Rs. 300 per acre. The scheme was taken up for implementation from the year 1957-58 and was continued in the subsequent years of the Plan under the supervision of the Fruit Specialist. The short term loans are recovered within the year from the cultivators and the expenditure is counted towards plan ceiling and the long term loans are recovered from the sixth year in 20 equal instalments. An expenditure of Rs. 34.58 lakhs was incurred on loans including expenditure on staff during the Plan period and an area of 24,752 acres was covered.

Scheme for training gardeners (Malies) in Andhra :

As the area under orchards is proposed to be increased besides rejuvenating the old orchards, there is need for a good number of trained gardeners. The scheme, therefore was taken up at Kodur in 1957-58 to train 240 candidates in the Second Plan at the rate of 60 candidates each year. The training was imparted in two batches every year at the rate of 30 in each batch. During the Plan period, 186, gardeners were trained and an amount of Rs. 0.61 lakh was spent.

Training of farmers in fruit and vegetables preservation :—

The scheme aims at imparting training to interested farmers in the theoretical and practical aspects of fruit and vegetable preservation. The training will be given for a period of 3 months at the Kodur Training Centre. The scheme was implemented in 1957-58, and continued upto 16-9-1960, when it was closed as there was no good response from the young farmers. During the Second Plan period 133 candidates were trained at an expenditure of Rs. 0.08 lakh.

Scheme for encouraging arecanut cultivation in Andhra :—

Under this scheme, it was proposed to open ocular demonstration centres and observation plots in representative areas in the various districts where there is scope for cultivation of arecanuts. Ten ocular demonstration centres were started in 1958-59 as programmed at (1) Kodur (Cuddapah district.) (2) Maddikera—(Aanantapur district) (3) Angampudi (Visakhapatnam district.)

(4) Narasapur (West Godavari dist.) (5) Burumpalli - (West Godavari dist.) (6) Talipala—(East Godavari district) (7) Kandampudi—(West Godavari district) (8) Kalva (Kurnool dist.) (9) Utukur—(Nellore dist.) and (10) Kaviti—(Srikakulam District.) During the Plan period, an expenditure of Rs. 0.03 lakh was incurred on the Scheme.

Establishment of permanent Oilseeds Research Station at Visakhapatnam.

It is proposed to establish a full fledged research station on oilseeds (Gingelly) within the sesamum belt of Andhra region with a view to evolving high yielding oil -content strains suitable to the tract and giving out useful results to the cultivators of the region and thus augment the production of oilseeds. The scheme was taken up for implementation during the last year (1960-61) of the Second Plan with a staff of one Assistant Oil seeds Specialist, 2 Research Assistants and other technical and ministerial staff. An expenditure of Rs. 0.21 lakh has been incurred.

Scheme for doubling the production of Coconut Seedlings in Andhra :—

Under this scheme it was proposed to increase the production of pedigree seedlings at the existing coconut nurseries at (1) Samalkot (2) Anakapalli and (3) Maruteru and to supply the pedigree seedlings for Coconut plantation. This scheme was implemented from 1958-59. During the period under review 10,000 seed nuts were procured of which 7502 seedlings were supplied at the above three centres and an expenditure of Rs. 0.61 lakh was incurred.

Coconut Extension Scheme (Development) :—

The object of the scheme is to produce and distribute to the growers healthy selected pedigree coconut seedlings obtained from selected parent trees reputed for high yields both for planting on the existing area and in the new area proposed to be brought under cultivation. Intensive propaganda of the results of research on various aspects of coconut cultivation will also be made under the scheme. The scheme was taken up from 1958-59 with a staff of one

Coconut Development Officer, five Research Assistants, 15 Fieldmen, 10 Maistries and other ministerial Staff with Headquarters at Rajahmundry, and an expenditure of Rs. 3.68 lakhs has been incurred on the scheme, procuring 4.09 lakhs nuts. An area of 33,518 acres was covered by intensive cultivation methods during the Plan period.

Areca nut Development Scheme :—

The object of the scheme is to study the various practices in raising of areca nut plantations and their maintenance, and to conduct survey for spotting suitable areas for extending the area under this crop. The scheme was implemented in the last year of the plan (1960-61); and an expenditure of Rs. 0.01 lakh has been incurred.

Oil Seeds Development Scheme :

The scheme aims at effecting substantial increase in the production of oil seeds, through intensive propaganda for the use of improved seeds, adequate manuring, proper inter-cropping and for taking timely plant protection measures in case of out break of pests and diseases. The scheme was implemented from 1958-59. The scheme was under the overall control of the Oil Seeds Specialist with the assistance of two Assistant Oil Seeds Development Officers, one at Kurnool and the other at Rajahmundry, 11 Assistants, 22 Fieldmen and other ministerial staff. The staff attended to the propaganda work relating to agronomic practices and plant protection measures. An area of 6,55,096 acres was covered with improved seeds during the period under review, resulting in an additional production of 1.50 lakh tons of oil seeds. An expenditure of Rs. 4.30 lakhs has been incurred on the scheme during the Second Plan period.

Oil Seeds Extension Scheme in Andhra Pradesh :

The object of the scheme is to increase the production of oil seeds, i.e., Groundnut, Castor and Sesamum for supplementing the efforts for the production of oil seeds as envisaged in the Oil Seeds Development Scheme. The programme under this scheme includes the establishment of six Zonal Nucleus Seed Farms of 50 acres each, three in each region of Andhra and Telangana. The scheme

was taken up for implementation in 1958-59 and four Farms in 1958-59 and two Farms in 1959-60 were established and continued in 1960-61 also. The farms established in Mahbubnagar, Nalgonda and Warangal districts multiplied groundnut and sesamum while the three farms at Proddatur, Madanapalli and Narasaraopet multiplied groundnut and castor. An expenditure of Rs. 2.15 lakhs has been incurred on the scheme during the period under review and the following are the details of the farms established under the scheme.

Srl. No.	Item.	Groundnut	Castor. (Area in Acres)	Sesamum.
1.	Nucleus Seed Farms	288	86	36
2.	Primary Seed Farms	1152	720	720
3.	Secondary Seed Farms	3456	9000	10800

Co-ordinated Scheme for Pericularia diseases and Spring rice in flooded areas of Collair.

With a view to evolving strains which make very rapid growth and maintain their growth consistent with the rise of the floods in Collair lake area, it was proposed to conduct research for breeding and involving rice strains suitable to Collair tract. The scheme was implemented at the Rice Research Station, Butchireddipalem and Deep Water Rice Research Station, Pulla, under the guidance of the Rice Specialist. A staff of one Assistant Rice Specialist, two Scientific Assistants and subordinate staff was appointed and an expenditure of Rs. 0.47 lakh has been incurred on the scheme during the Second Plan period.

Regionalisation of Fruit Research :

The Indian Council of Agricultural Research have sponsored a scheme for the establishment of a Regional Fruit Research Station at Kodur, by taking over the existing Research Station, with a view to intensify research on various fruit crops on co-ordinated basis. An amount of Rs. 1.41 lakhs has been spent during the Plan period on this scheme.

Intensive Investigation of Coconut diseases :

With a view to reducing to the minimum the enormous loss caused by the coconut crop disease, a scheme to investigate into the diseases of the coconut palm in the State and to evolve suitable methods of control, was implemented at Razole in East Godavari district in 1958-59, with one Assistant Plant Pathologist and other subordinate technical and ministerial staff. It was continued during the subsequent years of the Second Plan. An expenditure of Rs. 0.21 lakh has been incurred on the scheme during the Plan period towards the State's share.

Banana Research Station in West Godavari district :

Besides the existing area of about 20,000 acres, which is mostly in the Circars districts, the area under "banana" is increasing extensively even in the Rayalaseema districts. There is scope for further development of the area with assured water supply. Further, there is also scope for growing rainfed "bananas" like "Sirumalai" in the Agency areas. Hence, a Research Station for bananas was established in 1957-58 at Tanuku, for evolving new varieties of banana to suit local conditions and for determining the cultural practices and manurial doses applicable to the crop. The scheme was continued in the subsequent years of the Second Plan and an expenditure of Rs. 0.78 lakh has been incurred.

Scheme for building up named references and collection of Insect Pests at the Agricultural College, Bapatla.

With a view to build up named references of insect pests at the Agricultural College, and to undertake fundamental research on systemics of insect groups, a scheme has been taken up in 1957-58 by appointing one Assistant Entomologist, one Entomology Assistant, and other subordinate staff. The existing collection of insects will be sorted out and the specimen will be got identified by the specialists in India and abroad for correct naming. The scheme has been continued in the subsequent years of the Second Plan and an expenditure of Rs. 0.32 lakh has been incurred.

Expansion of Central Tractor Workshop, Bapatla :

Under this scheme it was proposed to expand the workshop at Bapatla during the Second Plan period, by appointing more technical subordinate staff and purchasing additional machinery for attending to the repairs and maintenance of tractors and other agricultural machinery of the Department. The additional staff proposed was appointed in 1957-58 and was continued in the subsequent years of the Second Plan. The staff attended to the repairs and overhauling of tractors, oilengine pumpsets, jeeps and other vehicles and other machinery. An expenditure of Rs. 0.57 lakh has also been incurred on the scheme during the Plan period.

Scheme for expansion of Marketing :

The scheme envisages improvement of regulated markets, grading of commodities, dissemination of market intelligence, collection of data in regard to imports and exports of the various commodities, collection of prices of commodities, etc. An additional staff of one Assistant Marketing Officer, one Marketing Assistant, one Upper Division Clerk, one Typist, one Stenographer, two recorders at Vijayawada, and one Marketing Assistant and one Recorder at Headquarters were appointed in 1956-57 and continued in the Second Plan period. An expenditure of Rs. 1.19 lakhs has been incurred on the scheme during the Plan period.

Scheme for establishment of Onion Research Station in Cuddapah district:

The object of the scheme is to increase onion production by evolving suitable strains of onion with better yields and longer keeping qualities as onion is an important and indispensable vegetable which is widely cultivated in the tropical and sub-tropical countries. A research station for onions was therefore established at Yerraguntlakota in Cuddapah district in 1957-58 and continued during the subsequent years of the Second Plan. An expenditure of Rs. 0.56 lakh has been incurred on the scheme in the Second Plan period.

Agricultural Information, Production and Training Service.

An Agricultural Information Unit was set up during 1956-57 at headquarters with a staff of one Agricultural Information Officer, one Publicity Assistant, one Artist, one Upper Division Clerk, one typist and two peons. The scheme was sanctioned for a period of three years in the first instance with the financial assistance of the Government of India. Besides publicity and distribution of leaflets on Agriculture, a special brochure on "Agriculture in Andhra Pradesh" was brought out in connection with the World Agricultural Fair at New Delhi, in 1959-60. Leaflets were also distributed at the All India Congress Exhibition at Bangalore in 1959 and at Bhavanagar in 1960.

A special brochure on "Intensive Agricultural District Programme in West Godavari district" has also been brought out in 1961. An expenditure of Rs. 0.41 lakh has been incurred on the scheme during the Second Plan period.

Comprehensive Staff Scheme :

For effective supervision and successful execution of plan schemes pertaining to Agriculture Department, it was proposed to appoint additional Technical and Ministerial staff, both at headquarters and at the districts. An additional staff of 11 Additional District Agriculture Officers with Ministerial staff of Upper Division Clerks and Lower Division Clerks in the Mofussil, one Gazetted Assistant, with Ministerial staff of Senior Superintendents, Upper Division Clerk, etc., at headquarters were sanctioned in 1956-57. In the subsequent years, the posts of Headquarters Deputy Director of Agriculture (Research) and other Ministerial staff, one Superintending Engineer, one Assistant Agricultural Engineer, and other Technical and subordinate staff for soil conservation works, etc., were sanctioned and continued in the second plan period. An expenditure of Rs. 6.41 lakhs has been incurred on this scheme during the Second Plan period.

Studies in Phosphatic availability in Rice Soils.

This is research scheme taken up in 1956-57 at the Agricultural College, Bapatla, to study the nutrition requirements of different crops such as rice, ragi, groundnut, etc., with special reference to the availability of

phosphorous and the inter-relationship between this fertiliser element and the other nutrients like nitrogen, potash, and lime in influencing the yield and quality of crops. The effect of phosphatic application, the yield and quality as well as assimilation of nitrogen and manurial requirements of the crops were studied. The scheme has been continued in the Second Plan period up to 2nd August 1960 with a staff of one Agricultural Bacteriologist and other subordinate staff. An expenditure of Rs. 0.29 lakh was incurred on the scheme during the Second Plan period.

Scheme for the study of Nitrogen fixing Power of important leguminous crop .

The object of the scheme is to determine the nitrogen fixing capacity of common leguminous green manure crops and pulses cultivated in Andhra area. The Scheme was taken up in 1956-57 and during the Plan period several isolates were collected from important leguminous crops and are being maintained. BAS 201, BNS 211, and BGS 214 tested for efficiency in nodulation were tested for their effect on P2O5 manuring. P2O5 was applied at 0,15,30 and 45 lbs. per acre. Sunhemp plants grown in Khariff Season were inoculated with BAS 201, BNS 21, and BGS 214, and samples were taken up for analysis of total nitrogen. The scheme was in charge of the Agricultural Bacteriologist with the assistance of two Research Assistants one Laboratory Attender two pot culture house Maistries. An expenditure of Rs. 0.35 lakh has been incurred on the scheme during the Second Plan period.

Scheme for Intensive Investigation of fruit pests in Andhra.

A scheme for conducting investigations and trial of remedies for the important pests affecting the fruit plants at the Fruit Research Station, Koduru was taken up in 1954-57 with a staff consisting of one Assistant Entomologist, two Research Assistants, two Fieldmen, one laboratory attender, one L.D.C. and one Peon. The scheme was closed on 6th November 1960 and an expenditure of Rs. 0.46 lakh has been incurred on the scheme during the Plan period.

Scheme for Intensive Investigation of Vegetable pests in Andhra.

This is a Research Scheme started during 1956-57 at Bapatla and Vijayawada with the object of making intensive study of the various pests and diseases of vegetable crops and finding out cheap and effective remedies for the control of the same. Preliminary tests were undertaken on :

Green Leaf Hopper on Bendi,
Fruit and Shoot-borer on Bendi.
Fruit Fly on bitter gourd.
Gallfly on coccinea.
Stripped bug on bottle gourd.

The Scheme was closed and the work was carried on at the Vegetable Research Station, Kurnool with effect from 1959-60. An expenditure of Rs. 0.29 lakh has been incurred on the scheme during the Second Plan period.

Vegetable Research Station, Kurnool.

The object of the scheme is to breed high yielding and pest and disease resistant strains of vegetables in the Andhra area. A Research Station for vegetables was therefore started at Kurnool on 12th March 1958 and will be continued up to 11th March 1963. This Research Station is also serving as a nucleus seed farm for the production of vegetable seeds. Varietal trials on Bendi, Brinjal, Tomato, Bottle gourd and Beans during rainy and winter seasons were conducted. In addition, randomised and replicated experiments for the control of Jassids on Bendi, shoot and fruit borer on Bendi, fruit fly on bitter gourd and pentatomid bug on bottle gourd were also conducted. An expenditure of Rs. 1.03 lakhs has been incurred on the scheme in the Plan period.

Scheme for upgrading the Agricultural Research Station, Nandyal, for research and fundamental studies in Cotton and Oil seeds.

With a view to reorganising and upgrading the Agricultural Research Station, Nandyal to the level of the Central Cotton Breeding Station at Coimbatore of Madras

State, for Fundamental Research on several varieties of cotton of this State, a scheme was taken up at the Agricultural Research Station, Nandyal in 1956-57. Necessary building, i.e., a Seed Store and a Laboratory were constructed in addition to the purchase of the required equipment. An expenditure of Rs. 1.24 lakhs has been incurred on the scheme during the Second Plan period.

Sugarcane Research Station, Anakapalle :

This is a continuation scheme from the First Five-Year Plan. Under this scheme it was proposed to develop the sugarcane Research Station at Anakapalle, so as to enlarge the scope of research work. Research was conducted on all the branches (a) Agronomy, (b) Chemistry, (c) Gur Chemistry, (d) Physiology, (e) Plant Pathology and (f) Entomology. There were 77 new varieties under study and only 5 varieties namely Co 1260, Co 1254, Co 1235 and Co 1205 were found to be promising. In the preliminary yield trials with early maturing varieties, the standard variety of Co 997 was found to be superior. Among the said seasonal varieties Co. 1008, Co. 1010, and Co. 1138 recorded significantly higher yields of cane than the standard variety of Co. 449. In the main field trials maturing varieties, Co. 997 was the best both in respect of cane yield as well as in quality canes. Among the mid-season varieties Co. 975 recorded significantly higher yields than others. Studies on the determination of index tissues and the influence of application of nitrogenous fertilisers by different methods in relation to time of application are under progress. An expenditure of Rs. 10.28 lakhs has been incurred on the scheme during the Plan period towards establishment and other charges including building programme.

Providing Research Facilities at the Agricultural College, Bapatla:

The scheme aims at improving research facilities on various subjects connected with agriculture at the Agricultural College, Bapatla, where the Research work was handicapped for want of facilities like laboratory space, equipment, etc. It was therefore proposed to provide necessary equipment and buildings to this College to develop it as a full fledged research Institute. This

scheme was started in 1960-61 by taking up the construction of additional buildings. The P.W.D. department is in charge of building works for construction of two Research Laboratory blocks at the Agricultural College, Bapatla, and an amount of Rs. 0.93 lakhs has been spent during the Plan period.

Scheme for Agronomic Trials (Simple Fertiliser Scheme).

With a view to deriving maximum benefit from the use of irrigation facilities that will be available on the completion of the various irrigation projects now under construction, the Indian Council of Agricultural Research has proposed to obtain and make available the timely advice to the cultivators regarding water requirements of crops, their manurial doses, etc., relating to different soil types. The response of nitrogen, phosphorous and potash in the presence of one and the other and the value of phosphotic fertilisers will also be studied to correlate soil conditions with crop growth and yield. The scheme was in operation from 1958-59 and an expenditure of Rs. 2.41 lakhs has been incurred during the Plan period.

Research Agricultural Engineering Section at Bapatla (since shifted to Rajendranagar).

A Research Engineering Wing was established at Bapatla during 1958-59 for attending to the items of work noted below :—

- (a) Adoptability of filter point tube wells under varying conditions;
- (b) Adoptability of sprinkler irrigation;
- (c) Designing new implements and improving the existing labour devices;
- (d) Mechanisation aspects of agriculture; and
- (e) Other Agricultural Engineering problems.

The Research Wing is expected to help in reducing the cost of cultivation and bring more land under mechanised cultivation. The venue of the scheme has since been shifted to Rajendranagar and an expenditure of Rs. 1.06 lakhs has been incurred on the scheme during the Second Plan period.

Scheme for development of Plant Physiology at Bapatla.

The object of the scheme is to intensify crop production by different physiological techniques with special emphasis on the growth regulators, seed treatments, nutrient foliar sprays and the like studies on the effects of varied photo-periods on different crop plants was also envisaged. A staff of one plant pathologist, one Research Assistant and two attenders were appointed in 1958-59 and apparatus and materials were purchased at a cost of Rs. 0.12 lakh.

Potentialities of various plant regulators like 3-Indole acetic acid, 3-Indole butyric acid, a-Naphthelene-acetic acid, b-Naphthoxy acetic acid, 2, 4-Dichlorophenoxy acetic acid, 3-Indole Propionic acid and gibberlic acid are being used for stepping up crop yields, for inducing parthenocarpy and for breaking seed dormancy.

The economics and utility of foliar sprays of plant-regulators and nutrients are being explored in crops like Ragi, Paddy and Vegetable Crops like ' Brinjal, Lady's fingers, etc. An expenditure of Rs. 0.38 lakh has been incurred in the scheme during the Plan period.

Scheme for equipment of Laboratory at the Agricultural Research Station Nandyal for work on Oil seeds (shifted to Rajendranagar).

With a view to take up analytical work on oil seeds, it was proposed to equip the laboratory at Nandyal. Since the Headquarters of the Oil seeds specialist has been shifted to Rajendranagar, the venue of the scheme has been shifted to Rajendranagar. Under this scheme, it was proposed to construct buildings for Laboratory and purchase equipment required for the same. An expenditure of Rs. 0.85 lakh has been incurred on the scheme in the Second Plan period.

Scheme for investigation of Ephelium disease of Paddy (False Smut Leaf Blight).

Ephelium is one of the diseases to which paddy is subjected to in Andhra area. With a view to investigate the method of infection spread, etc., of false smut and ephelium disease of paddy and evolve suitable remedial

measures for the same, a scheme was started at the College Farm, Bapatla, in 1958-59 with a staff of one Assistant Plant Pathologist, one Assistant, One Fieldman, and other ministerial staff. False smut was recorded on 25 varieties and cultures. The disease was severe on SLO-15, SR-26-B, MTU-22, BCP-5, and MTU-19 and comparatively less on MTU-1, 10, 16 and BCP1. The same was negligible on MTU-3, 12 and BCP. 2. An expenditure of Rs. 0.33 lakh has been incurred on the scheme in the Second Plan period.

Scheme for Research on Cashewnut :

With a view to intensifying research on Cashewnut, to extend Cashewnut area with correct methods of cultural and manurial practices and to overcome bleaching in sandy soils, this scheme was implemented in the year 1959-60 at Bapatla.

Research work has been done on the following lines in the plan period :—

- (1) Survey and collection,
- (2) Vegetative methods of propagation,
- (3) Blossom Biological studies.
- (4) Hybridization,
- (5) Comparative study of Clonal V/S Seedlings,
- (6) Manurial Trials,
- (7) Entomology :
 - (i) Root eating grubs, and
 - (ii) Leaf eating caterpillars, etc.

An expenditure of Rs. 0.26 lakh has been incurred on the scheme during the Second Five-Year Plan.

Establishment of Sub-Humid Tropical Research Station, Tirupathi :

The scheme aims at establishing a sub-humid tropical fruit Research station on Tirupathi Hills to serve as a good Demonstration centre for growing economic fruits, beverages and other horticultural crops, besides offering facilities for selection and distribution of suitable seeds

and plants for extension of the crop in similar areas of the state. The scheme was taken up during the last year of the second plan (1960-1961) and was incharge of the Assistant Horticulturist assisted by Technical and Ministerial subordinate staff. An expenditure of Rs. 0.13 Lakh has been incurred on the scheme in the Second Plan.

Scheme for Laboratory Facilities for the Millets Specialist at Lam :

The object of the scheme is to provide laboratory facilities at the Agricultural Research Station, Lam, for the use of the Millets Specialist, for undertaking Research work on Korra, Jonna, Sajja, etc. The work connected with the construction of Laboratory buildings etc., was entrusted to the P.W. Department during the year 1960-61. Against the original plan provision of Rs. 2.10 lakhs an expenditure of Rs. 0.06 lakh only could be spent before 31-3-1961 ; and the balance of the work has to be completed in the Third Five-Year Plan.

Scheme for improvement of Marketing intelligence (Andhra Pradesh).

Under this scheme, it was proposed to improve the existing marketing news service by collecting reliable data regarding prices, arrivals, despatches of agricultural commodities and live stock products and dissemination of information for the benefit of the traders, cultivators, etc. The scheme was implemented from 1957-58 with two Marketing Assistants, two Lower Division Clerks. An expenditure of Rs. 0.67 lakh has been incurred on this scheme during the Second Plan.

Scheme for opening of a Sugarcane sub-station at Chittoor and (b) Demonstration Farm at Hindupur :

(a) *Sugarcane Research Station Chittoor.*—It was proposed to open a research station at Chittoor to serve the districts of Chittoor, Anantapur and Cuddapah as the improved varieties evolved at the Sugarcane Research Station, Anakapalli are not suitable to this tract. A scheme has therefore been sanctioned in 1959-60, but it could not be started on account of the difficulties in acquiring the site for the location of the station. However,

it is hoped that a suitable site will be acquired in the 1st year of the Third Plan period to carry on the research work on sugarcane. The staff of one Assistant Sugarcane Specialist and other complimentary staff appointed under the scheme were attending to other preliminaries and an expenditure of Rs. 0.63 lakh has been incurred on the scheme during the Second Plan.

(b) *Demonstration Farm, Hindupur.*—The object of the scheme is to demonstrate the improved varieties of cane cultivation in its varietal, cultural and manurial aspects. The demonstration farm was started on 30-12-1958 and continued in the subsequent years of the Second Plan. An expenditure of Rs. 0.33 lakh has been incurred on the scheme during the Second Plan period.

Sugarcane Soil Survey Scheme in Andhra:

The object of the scheme is primarily to clarifying and mapping the soils in the Sugarcane Zones of the State where the owners of the Sugarcane Factory areas have agreed to co-operate for surveying the areas. The scheme was implemented in the last year of the Second Plan and an expenditure of Rs. 0.07 lakh has been incurred.

Scheme for work on Rice Cultivation in Saline areas:

The object of the scheme is to evolve rice varieties suitable for cultivation in saline areas by introduction, selection and by hybridisation. The scheme was started in 1959-60 and continued in 1960-61. The different varieties received from the several stations, namely (1) Pavvel (Bombay), Central Rice Research Institute, (Cuttack), Gosaba (West Bengal) were tested for their salt tolerance and their salinity resistance. Several Hybrid cultures were also tested for their salinity resistance and a few hybrid cultures have been released for district trials. An expenditure of Rs. 0.40 lakh has been incurred on the scheme during the Second Plan Period.

Scheme for Betelvine Research Station Cuddapah District

A Research Station in Cuddapah district was established in 1958-59 for assessing the cropping potentialities of the various existing types of betel leaves under this scheme. Each variety will be grown in half to one cent plot to

compare their performance for adjudging vigour and keeping and eating qualities. A staff of one Assistant Horticulturist supported by complimentary technical and ministerial staff were appointed in the scheme and an expenditure of Rs. 0.40 lakh has been incurred during the Second Plan period.

Scheme for evolution of groundnut varieties suitable for Rice fallows :—

The object of the scheme is to evolve suitable varieties of groundnut and determine optimum cultural and manurial practices suitable for the crop in rice fallows. One Assistant Oil Seeds Specialist two Research Assistants two fieldmen and other ministerial staff have been appointed in 1958-59 and the scheme was implemented at two centres one at Rudrur, in Nizamabad district and the other at Kaikalur in Krishna district. The scheme was continued in the subsequent years of the Second Plan and an expenditure of Rs. 0.53 lakh has been incurred.

Scheme for production and distribution of Town Compost :

With a view to accelerate the production and distribution of urban compost in municipalities and major panchayats loans were distributed to the local bodies for the production of compost. The scheme is under the control of the Director of Local Administration with the assistance of Two Compost Development Officers, one for Andhra and the other for Telangana Regions. Loans to the tune of Rs. 13.63 lakhs were advanced in the Second Plan period for producing 10,30,999 tons of compost.

Development of Compost from Night-Soil :—

This scheme envisages the production of compost from night soil of the panchayats with a population of 2,000 to 5,000 which have got some conservation arrangements. The scheme has been started in 1958-1959 at the instance of the Government of India and loans to the tune of Rs. 5.72 lakhs to panchayats in Andhra and in Telangana Regions were sanctioned during the Second Plan period. The scheme was implemented by the Director of Local Administration.

Development of Local Manurial Resources :

The object of the scheme is to raise the present level of manurial production in villages by conserving all locally available manurial resources and converting them into compost by improved methods. The scheme has been started at the instance of the Government of India. In the first instance, it was proposed to implement the scheme in the Block areas and to extend it later to cover the entire state by the end of the Second Plan. Two Field Manure Officers one for Andhra area and the other in the Telangana area were appointed with technical and ministerial subordinate staff. Training was also imparted to the farmers in batches in the techniques of development of local manurial resources. An expenditure of Rs. 8.92 lakhs has been incurred during the Second Plan period and 21,753 farmers were trained in improved techniques during the Second Plan period.

Scheme for Strengthening of Agricultural College, Bapatla:

To meet the increasing demand for technical personal during the Second Five-Year Plan, and for the execution of the various Agricultural schemes proposed for implementation during the Plan period it was proposed to double the number of admissions at the Agricultural College, Bapatla. But pending final sanction of Government of India, the admissions have been increased from 96 to 144 per year from 1957-58. Additional staff of 5 Gazetted Assistant Lecturers, 11 Assistant Lecturers in Agriculture one Assistant Lecturer in Civil Engineering one Assistant Lecturer in Mechanical Engineering and one in Animal Hygiene, and other Ministerial staff were appointed in the scheme during the Second Plan period. 192 candidates were admitted additionally and an expenditure Rs. 4.00 lakhs has been incurred.

Scheme for Training of fieldmen and Demonstration Maistries, Andhra Pradesh :

The scheme envisages the training of candidates for appointment as Fieldmen and Demonstration Maistries, so that they may be employed for running the various schemes included in the Plan besides meeting the normal requirements of the department for replacements etc. Candidates scheduled for Fieldmen training should

have studied at least up to S. S. L. C. and the candidates selected for Demonstration Maistries Training should have studied up to III form. The courses of training of Fieldmen and Demonstration Maistries is for a period of six months and the training was imparted at the following eight centres five in Andhra and three in Telangana Region.

1. Sugarcane Research Station, Anakapalli.
2. Agriculture Research Station Samalkot.
3. Agriculture Research Station, Maruteru.
4. Agriculture College Farm, Bapatla.
5. Agriculture Research Station, Nandyal.
6. Government Agriculture Main Farm, Rajendranagar.
7. Government Agriculture Main Farm, Warangal, and
8. Government Agricultural Experimental Station, Rudrur.

The Fieldmen trainees are given a stipend of Rs. 30 per month and Demonstration Maistries trainees are given a stipend of Rs. 20 per month. During the Second Plan period 356 candidates were given Fieldmen training and 465 candidates were given Demonstration Maistries training, and an expenditure of Rs. 1.23 lakhs was incurred on the scheme during the Plan period.

Scheme for Training of Tractor Operators :

It is observed that there are not competent mechanics in rural areas to attend to the repairs and servicing of machinery like tractors, oil engines, electric motors etc, purchased by the ryots by out right cash payment and on hire purchase system. Hence a scheme to train departmental candidates and outsiders at the Tractor workshops at Bapatla and Adoni was taken up for implementation from 1957-1958. Each year, training was given to 72 outsiders and 24 departmental candidates at each of the workshops at Bapatla and Adoni. During the Second Plan period 265 outsiders and 71 Departmental candidates have been given training and an expenditure of Rs. 0.56 lakh has been incurred.

Scheme for Deputation of Officers for post graduate studies :

The Research Officers and Assistants working at the various Research Stations of the Department have to be trained in special branches for the development of research activities. It was therefore proposed to depute young officers of the Department for Post-Graduate studies in special subjects in which there are no qualified persons at present. The scheme was started in 1959-60 and six officers have been deputed for Post-Graduate training during the Second Plan period.

An expenditure of Rs. 0.11 lakh was incurred on the scheme during the Second Plan period.

Scheme for Training of Farmers in Oil Engines :

A scheme for the training of farmers in oil engines is in operation in the Telangana region. With a view to imparting training to farmers in the proper maintenance and upkeep of oil engines the scheme has been extended and implemented in the Andhra region also from 1958-59. During the Second Plan period 277 farmers were trained incurring an expenditure of Rs. 0.14 lakh.

Opening of an Agricultural School at the Agricultural Farm Yemmiganur :

With a view to educating the ryots on the practical methods of irrigated farming, specially paddy cultivation on wet land and the improved Agronomical practices to be adopted in the Tungabhadra project area, an Agricultural School has been started at the Agricultural Demonstration-Cum-Research Farm, Yemmiganur in the year 1960-61. The course of study is for a period of one year and 25 students are admitted each year. An expenditure of Rs. 0.08 lakh has been incurred on the scheme during the Second Plan period.

Supply of Jeep to the District Agricultural Officer, Kakinada.

As the Jeep supplied to the District Agricultural Officer, Kakinada was not fit for further use one jeep was purchased by the District Agricultural Officer, Kakinada at a cost of Rs. 0.11 lakh.

Establishment of Zonal Parasite Breeding station at Ambajipet and Razole.

As the parasite Breeding Laboratory at Razole was unable to meet the requirements of the public for control of pests in the coconut growing area of the East Godavari District, another parasite breeding station has been established at Ambajipet during 1958-59. A total of 7,781,896 types of parasites were released to cover an area of 16,809 acres at Ambajipet unit (East Godavari and Srikakulam) contributing an additional production of 8.00 lakh nuts. The following parasites were reared and released during these five years at Razole, and the pests was controlled on 36, 850 acres resulting in the yield of 37.00 lakh additional nuts. A sum of Rs. 0.72 lakh was spent on this scheme during the Plan period.

Name of parasite	No. Released	Area covered
1	2	3
1. Microbracon	88,80,000	36,850 acres.
2. Bettylid	80,01,682	
3. Elasmus	12,45,097	
4. Kulophid	26,92,740	
5. Trichogramma	11,04,85,000	
	12,58,08,869	

Scheme for routine analytical work on Oilseeds at Rajendranagar :

With a view to determining the percentage of oil content and moisture in the oilseed samples and the viscosity, refractive index, iodine value and free fatty acids of the samples, this scheme has been implemented in 1958-59 at Rajendranagar under the guidance of the oil Seeds Specialist. The scheme has been continued in subsequent years of the Second plan, and an expenditure of Rs. 0.30 lakh has been incurred.

Setting up of seed certification centres for vegetable crops :

The object of the scheme is (i) to improve the quality of vegetable seeds produced in the country by regular inspection of vegetable crops and ensuring the production

and maintenance of pure and top grade seeds suited to the different conditions prevailing in the State (ii) to set-up seed testing stations, to report the purity, germination capacity etc., of the seed samples tested. At the instance of the I. C. A. R. , a seed testing station has been established at Hyderabad in 1959-60 and was continued in the year 1960-61 also. The following items of work have been done during the Plan period.—

(1) Production of nucleus vegetable seeds of different varieties from different State seed farms.—2 645 lbs.

(2) Distribution of nucleus seed to seed farms and seed growers for further multiplication and distribution.—924 lbs.

(3) Inspection of vegetable crops and ensuring proper purity and production of top grade seeds by selfing roguing plant protection, harvesting and storage.

(4) *Maintenance of seed testing laboratory and its Work.*—The construction of the seed testing laboratory was nearing completion on 31-3-1961. In the meantime the testing work was taken at the skeleton laboratory set up at Hyderabad.

(5) *Maintenance of Central and Branch seed stores.*—The Vegetable seed store-cum-nursery which was already in operation at Hyderabad was reorganised. High grade seeds were stocked after procuring the same from different sources, and distributed in the twin cities of Secunderabad and Hyderabad.

(6) *Enforcement of Legislation.*—Draft rules for the proposed Vegetables Seed Act of Andhra Pradesh have been prepared on the model of the draft rules of the I.C.A.R. and Bihar State with modification to meet the requirements of the Andhra Pradesh State, and the same are being implemented.

An expenditure of Rs. 0.96 lakh has been incurred on the scheme during the Second Plan period.

Scheme relating to soil structure :

The object of the Scheme is to determine the structure of soils and the treatment which would improve the condition of soil for obtaining better crop yields. The scheme was taken up from 1959-1960 at the Agriculture Research Institute, Rajendranagar and the Agriculture Farms, Dindi, under the supervision of the Agricultural

Chemist, and an expenditure of Rs. 0.16 lakh has been incurred on the Scheme during the Second Plan period.

Scheme to carry out Research work on the science and practice of Bee keeping.

With a view to improve the technique of bee-keeping under local conditions, a scheme to carry out research work on the Science and practice of Bee-keeping has been implemented in 1960-61 [10-10-1960] with a staff of one Assistant Entomologist and other complementary subordinate staff at Tanuku. 35 colonies were maintained by the end of the Second Plan for detailed studies of the nature of Bees and performance of the Bee Colonies, of which 23 colonies, were hived, six established colonies were secured from helpful apiarists, four good colonies were purchased and two queens were reared from strong promising colonies. An expenditure of Rs. 0.02 lakh has been incurred on the scheme during the Second Plan period.

Laboratory equipment for Agriculture Research Station, Nandyal for Technological work on cotton.

Cotton weeding material require to be tested at various stages of work at a central place. As there are no such facilities, it was proposed to equip the laboratory at the Agriculturist Research Station, Nandyal with necessary technological equipment and materials. The scheme was started in the last year of the Second Plan and an expenditure of Rs. 0.06 lakh has been incurred.

Rice Stem Borer scheme (A.P.)

The scheme forms a part of co-ordinated scheme of experiments in India for studies on the Rice Stem borer sanctioned by the I.C.A.R., New Delhi. Under this scheme it is proposed to find out (i) the relative susceptibilities of the popular rice varieties of the coastal Andhra to Rice Stem Borer in both the paddy growing seasons (ii) the effect of planting paddy at fortnightly intervals in these two seasons on the incidence of Rice Stem Borer and (iii) the usefulness of a few control measures on the insect including the insecticidal control with parathion and Endrin in the form of different concentrations of each chemical. The following items of work were done during the Plan period:—

1. Study of the Varietal susceptibilities to the attack of Rice Stem Borer,

2. Studies on the time of sowing and the incidence of attack by stem borer,
8. Mechanical control of Egg masses,
4. Control by trap crop method,
5. Chemical spraying of the crop with parathion and Endrin, and
6. Studies to find out the exact number of stem borer broods.

The work has been carried out at two centres, Bapatla in Guntur district and Rudrur in Nizamabad district and an expenditure of Rs. 0.35 lakh has been incurred on the scheme in the Plan period.

Scheme for Subsidised seed Multiplication and distribution of improved seeds (A. P.) :

Under this scheme, improved seeds of paddy, millets, pulses, etc., will be purchased from the registered growers who produce pure seed on their holdings under strict Departmental supervision. Subsidy will be given to the ryots on the purchase of improved and viable seed at the rate of Rs. 2 per maund to meet the losses incurred. The scheme has been included in the Plan from 1958-59 at the instance of the Government of India, and an amount of Rs. 5.26 lakhs has been incurred during the Plan period on subsidy.

Intensive Agricultural District Programme : [Package Programme]

India although an Agricultural country, is short of her requirements of foodgrains. Among several causes which contribute to this food shortage, the low yields is a factor. In paddy the most important food crop in India, the average yield per acre is only 1,236 lbs as compared to 5,198 lb. in Spain, 4,615 lb. in Italy 4,198 lb, in Japan and 2,424 lb. in China. Therefore, it should be our primary endeavour to maximise agricultural production to meet the food shortage and feed the growing population of the country. Specialists from time to time have recommended for a rapid increase in agricultural production. The Ford Foundation Team on Agricultural Production have also recommended to demonstrate over a period of 5 years the feasibility of increasing the agricultural production considerably in areas having optimum potentials for maximising production. In accordance with the above recommendation, the Government of

India, have selected seven States in the country for the purpose of implementing the scheme and the State of Andhra Pradesh is one among them. The State Government have selected West Godavari district for implementing the scheme as it satisfies the conditions prescribed by the Government of India. Under this scheme, it is programmed to cover ultimately at the end of five year period 65% of the area in the selected crops increasing the production level by about 50%. The programme envisages the following important items among others :—

1. Assessing the requirements of farmers though farm production plans prepared for individual holdings.
2. Supply of improved seeds, fertilisers, pesticides, credit etc.
3. Provision of storage facilities.
4. Conducting scientific demonstrations.
5. Bench mark survey and evaluation.
6. Local Works Programmes—Drainage.
7. Facilities for soil testing and manufacture of improved agricultural implements.

The scheme was launched in West Godavari district from the Rabi season of 1960–61 in the existing 20 blocks, out of 25 blocks to which the district is delimited, and it will be extended to the remaining 5 blocks as and when the blocks are opened. It is programmed to cover paddy, sugarcane, banana and chillies under the scheme.

An expenditure of Rs. 2.27 lakhs has been incurred during the Second Plan period (excluding loans) on the scheme.

Co-ordinated scheme on Floriculture :

The object of the scheme is to study the performance and suitability of *Bougainvillea* varieties to this tract and to classify them and to record the colours. The scheme was started during 1960–61 at Rajendranagar with staff of one Horticultural Asst. and one mali with the Asst. Horticulturist (Grapevine) in charge of the Scheme.

So far eighty-nine varieties were collected from different sources and planted in pots for study. The colour description for twelve varieties which were in bloom were recorded. The improvement work will be undertaken after adequate collections are made.

Under this scheme an amount of Rs. 0.03 lakh was spent in the Plan period.

Weed Eradication Scheme :

The object of the scheme was to investigate the possibilities of using hormonal herbicides and formation of doses of different weeds suitable for different crops and soils. The scheme was included in the Plan during 1959-60 and a provision of Rs. 0.06 lakh was made in the revised provision and the entire provision was spent.

Compilation of Index Numbers of Agricultural Production.

The former Hyderabad as well as Andhra States were compiling indices of agricultural production on the lines of All India series of Index Numbers of agricultural production issued by the Directorate of Economics, Ministry of Agriculture Government of India. But, consequent on the Reorganisation of the States, it was proposed to discontinue the existing series of index numbers and evolve a new weighting pattern relevant to the new state of Andhra Pradesh, and thus undertake the compilation of the indices of agricultural production for Andhra Pradesh and also construct a series for the previous years. Towards this, a sum of Rs. 0.35 lakh, was provided in the plan for 1956-61. But as the unit for the compilation of the indices was established only in 1958, the provision was reduced to Rs. 0.20 lakh. During the period, tentative index numbers of farm harvest prices have been constructed for the years 1953-54 to 1956-57 taking the year 1952-53 as the base and the average farm harvest prices, the index numbers of agricultural production for the year 1957-58 have been calculated. Besides this, the index number for the years 1953-59 and 1959-60 were also constructed utilising the final estimates of production for 1958-59 and forecast estimates for 1959-60. In all a sum of Rs. 0.18 lakh was spent on this scheme till the end of March, 1961.

Rationalised Supervision of Patwarie's work of area enumeration ;—

With a view to ensuring adequate supervision on the primary reporting agencies viz., Patwaris, Karnams in the recording of area particulars etc, and for working out suitable correction factors in respect of area statistics of important crops at the district level so as to arrive at reliable estimates of acreage under all crops in the State, a sum of Rs. 1.90 lakhs was originally provided in the Plan for 1956-61. This scheme was taken up for implementation only during 1959-60 and hence the provision was reduced to Rs. 0.60 lakh. During the period under review 11,175 villages were selected for conducting survey and a sum of Rs. 0.32 lakh was spent in the Plan period.

TELANGANA.

Seed Farms and Seed Stores :—

With a view to step up agricultural production by covering the entire State with improved seeds, a scheme for the running of 25 area seed farms and construction of seed stores in each Development Block in the State has been envisaged in the Second Plan. The seeds procured from the registered growers will be stocked in the seed stores for distribution to ryots.

Under this scheme, it was proposed to establish 144 seed farms and construct 144 seed stores at a cost of Rs. 44.95 lakhs in Telangana during Second Plan period against which 141 Seed Farms were established and 108 seed Stores were constructed at a cost of Rs. 41.99 lakhs.

Rabi Campaign :—

The scheme was implemented during Second Plan with a view to associate the departmental and extension workers as well as Agricultural College students and trainees with the farmers and establish mass contact through brigades formed for the purpose of intensifying the food production efforts in Rabi Season. Special credit facilities were provided to the farmers during the campaign period. This campaign was launched in Telangana during Rabi season in 1958. During the

Second Plan an amount of Rs. 0.20 lakh was provided. The expenditure on this scheme has been included in the corresponding scheme for Andhra region and shown elsewhere.

Kharif Campaign—

The Kharif campaign was first started in this State during 1960-61 with a view to accelerate the public and departmental activities to the maximum extent, to popularise the improved methods of agricultural production and thus raising the total production level of the State. For this a sum of Rs. 1.00 lakh was provided in the Second Plan out of which a sum of Rs. 0.65 lakh has been spent for its implementation.

SUPPLY SCHEMES AND PLANT PROTECTION :

Subsidised seed multiplication and distribution of improved seeds :—

This scheme aims at the purchase of improved seeds of Paddy, Jowar, Maize, Wheat and Pulses produced by the Registered growers under the strict supervision of the Department on their holdings. The seed so procured will be distributed to the cultivators at subsidised rates for multiplication in the entire Telangana. By the end of Second Plan, a quantity of 19,261 tons of paddy, 957 tons of millets (Maize and Jowar), 86 tons of wheat and 26 tons of pulses have been distributed at a total subsidy of Rs. 11.57 lakhs thus utilising the entire Revised Plan provision for the scheme.

Scheme for Adoption of plant protection measures :—

Under this scheme, it is proposed to equip the Departmental depots with requisite number of sprayers and dusters for carrying out remedial measures against pests and diseases effectively. This scheme was implemented in Telangana from 1956-57 and by the end of IIInd Plan 174 hand sprayers and 180 hand dusters and 2 power sprayers have been purchased, 117 tons of sulphur was distributed and an area of 25.7 lakh acres have been covered by plant protection measures. By the end of Second Plan period, an amount of Rs. 11.99 lakhs has been spent under this scheme.

Grow More Food Staff :—

To cope up with the increased work in the offices of the District Agricultural Officers in Telangana districts, it was proposed to provide additional staff in these Offices. This scheme was implemented from 1957-58. An amount of Rs. 2.20 lakhs has been spent on this scheme during the Second Plan period.

Distribution of Green Manure Seeds :—

With a view to encourage the application of green manures in Telangana this scheme was implemented from 1956-57. Under this scheme, a quantity of 2,111 tons of green manure seed has been distributed at a cost of Rs. 0.25 lakh by the end of Second Plan against a target of 1,101 tons.

Composting of urban waste :—

The scheme envisages improvement of the manure production in the city and town municipalities in Telangana region. Under this scheme, it was proposed to render financial assistance to the local bodies to enable them to collect refuse and convert it into compost and for meeting the loss involved in its manufacture and distribution. Only town municipalities or Panchayats having an annual income of not less than Rs. 15,000 for the preceding three years will be eligible for this grant. The grant will be given for the purchase of night soil carts, refuse carts, dustbins compost site and construction of latrines and purchase of other compost equipment. No local body will be entitled to more than Rs. 1,000 as grant. It would be binding on the part of the local body to utilise the grant amount for compost manufacture only in that particular year. By the end of Second Plan an amount of Rs. 0.41 lakh has been spent and 4.01 lakh tons of compost has been produced during the Plan period as against a target of Rs. 0.48 lakh to produce 5.30 lakhs tons of compost.

DEVELOPMENT OF COMMERCIAL CROPS AND HORTICULTURE

Production of pedigree fruit plants :—

Under this scheme, it was envisaged to obtain and distribute grafts or cuttings of important fruit trees to the cultivators for establishing orchards. The cost of

the plants will be recovered from them as taccavi loans. During Second Plan period an amount of Rs. 0.36 lakh has been utilised for distributing 80,769 pedigree fruit plants against a target of Rs. 0.36 lakh to distribute 85,100 fruit plants.

Training of Farmers and Gardeners in Horticulture :—

This scheme aims at imparting training to the interested farmers in Horticulture with a view to increase the area under orchards besides rejuvenation of old orchards. To meet this demands and to implement the fruit development schemes envisaged in the Five-Year Plan, this scheme was sanctioned by the Government in the year 1959-60 and continued as an integrated scheme upto the end of 1960-61. By the end of Second Plan period 191 gardeners were trained and a sum of Rs. 0.29 lakh was spent against a revised provision of Rs. 0.35 lakh.

Establishment of exploratory station for G.W.A. Tobacco at Warangal :—

The object of the scheme is to raise nurseries of Guntur White Ash Tobacco on scientific lines and to determine the optimum doses of different manures and plant protection measures. The Tobacco seedlings raised in the nurseries on the above lines will be distributed to the cultivators under this scheme. The scheme was implemented in September, 1958 at Kazipet and subsequently the venue has been shifted to Warangal Main Farm in 1959-60. Under this scheme the staff of one Botanical Assistant, one fieldman, one clerk-cum-typist, one curer, one oil engine driver and one peon were appointed. By the end of Second Plan period an amount of Rs. 0.37 lakh has been spent.

Development of Sugarcane in Factory Zone (Additional Centre at Nizamabad).

Sugarcane Development has been in progress since the last few years in selected taluks of Telangana and appreciable progress in cane yield has been achieved in these cane development areas. Still there is considerable scope for improvement in quality and yields of

Sugarcane crop by intensifying development work in other cane growing taluks. The ultimate object of the scheme is to double the production of the cane in the next few years.

To achieve this objective, a sugarcane development centre was therefore established at Nizamabad during 19-7-58 to demonstrate the results of varietal and manurial tests arrived at the sugarcane Research Station, Rudrur on the cultivators fields to give wide publicity to the improved methods of sugarcane cultivation. Under this scheme, it was also envisaged to supply disease free seed to cultivators. The entire Plan provision of Rs. 0.42 lakh was spent on this scheme during the Second Five-Year Plan period.

Sugarcane Intensive Manuring Scheme :—

The object of the scheme is to popularise the increased application of manures and fertilizer to sugarcane crop for better yields. Under this scheme, loans were issued to the cultivators in the shape of fertilizers and the amount recovered at a later date. The scheme was implemented in Telangana area in 1960-61. Twelve Kamgars were attending to this work at different centres. The expenditure on this scheme has been clubbed with the Comprehensive Sugarcane Development scheme.

Improvement of chillies :—

Chilli is an important commercial crop in the State and steps taken towards its development will not only result in the improvement of the economic conditions of the producers but also earn foreign exchange for the country in view of its demand in various foreign markets.

The work under this scheme envisages the breeding and selection of high yielding strains of chillies. For this purpose an area of 10 acres was acquired at Sangareddy during 1957-58 and one Research Assistant, one Feldman and one peon were appointed to work under the scheme. An amount of Rs. 0.48 lakh has been spent during the Second Plan period.

Scheme for the introduction of arecanut in Telangana :—

The scheme was intended for taking up exploratory trials on growing arecanut by opening some ocular demonstration centres and an equal number of observation

plots in suitable places where there is a scope for successful cultivation of arecanut. This scheme was started in July, 1958 at Rudrur on an area of 2 acres. The ultimate aim of this scheme is to introduce arecanut cultivation in Telangana particularly in Adilabad, Karimnagar and Warangal districts which are considered suitable for the arecanut cultivation. An amount of Rs. 0.03 lakh has been spent during the Second Plan period.

Establishment of Exploratory Station for Virginia tobacco at Burgampahad :—

Under this scheme, it was envisaged to explore the possibilities for successful cultivation of virginia tobacco in Telangana area and to tackle the problems which the cultivators of this area are confronting. With this view an exploratory station for virginia tobacco was established at Burgampahad during 1958-59 for raising nurseries of Virginia tobacco on scientific lines and distribute the seedlings to the tobacco growers of this tract and to conduct research on Agronomical, manurial, cultural, curing and grading aspects and consequently to raise the per acre yield of bright grades. Under this scheme, a staff consisting of one Botanical Assistant, one soil survey Assistant, (later on abolished) two Fieldmen, and ministerial staff was appointed. An amount of Rs. 0.57 lakh has been spent by the end of Second Plan against the revised plan provision of Rs. 0.53 lakhs.

Establishment of Exploratory Station for Neevani Tobacco at Alampur :—

An exploratory station for Neevani tobacco at Alampur in Mahboobnagar District has been started with the same object as that of the exploratory station at Burgampahad. The scheme was started in July, 1958 with a staff of one Botanical Assistant, two Fieldmen, one Oil Engine Driver and one Peon. An amount of Rs. 0.26 lakh has been spent on this scheme during Second Plan period against a revised plan provision of Rs. 0.28 lakh.

Comprehensive Sugarcane Development scheme in Telangana :—

The object of this scheme is to step up production of cane and to bring more areas under sugarcane cultivation. It was proposed to implement the scheme during 1958-59

but due to some administrative difficulties, it could not be implemented. The scheme was implemented during 1960-61 at Bodhan Centre with one cane Development Officer, four special Agricultural Demonstrators and other Ministerial staff for which an amount of Rs. 0.19 lakh was spent.

Kitchen garden scheme :—

The scheme aims at arranging the lay out of kitchen gardens in all public institutions and houses in the twin cities of Hyderabad and Secunderabad and to supply of necessary seedlings, seeds etc., with a view to popularise kitchen gardening and ultimately step up production of vegetables. Technical advice will also be given under this scheme to the public.

The scheme was implemented from 1959-60 with a staff of two Horticultural Assistants, one Clerk-cum Typist, 6 Fieldmen, one Van Driver and one peon to lay out kitchen gardens and home gardens. By the end of Second Plan, 2881 kitchen gardens and 2413 home gardens have been laid out in school, Government offices, compounds etc. An amount of Rs. 0.37 lakh has been spent under this scheme during Second Plan period.

Plant Protection measures on oilseed crops :—

The object of the scheme is to control important pests and diseases of groundnut and castor in the Districts of Mahboobnagar and Nalgonda in Telengana region. The scheme will also serve to demonstrate the methods of controlling pests and diseases and thereby increasing the production of the important oilseed crops. The scheme was implemented during 1960-61 with a provision of Rs. 1.65 lakhs and against this an amount of Rs. 0.81 lakh was spent on this scheme during Second Plan period.

AGRICULTURAL EDUCATION :

Training of Farmers in oil engines :—

The scheme was implemented in Telangana from 1957-58 with the object of imparting training to the farmers in the proper maintenance and upkeep of oil engines. By the end of Second Plan 693 farmers were trained under this scheme at a cost of Rs. 0.18 lakh.

Establishment of Herbarium Section at Rajendranagar :—

The scheme envisages the collection and preservation of the living flora in the State for systematic identification of general species, natural order etc., to which the plants belong. For this purpose a small herbarium was set up at Rajendranagar during 1957-58 and a Research Assistant was appointed to work under this scheme. In this Herbarium, cultivated crops, fruits, vegetables etc., grown at Agricultural Research Institute, Rajendranagar are collected, identified, preserved and arranged systematically. An amount of Rs. 0.23 lakh has been spent under this scheme during Second Plan period.

AGRICULTURAL RESEARCH, INFORMATION & STATISTICS :—

Fodder Research Scheme, Rajendranagar :

Under this scheme, it was proposed to select suitable grasses and legumes for fodder purposes both under rainfed and irrigated conditions. It was also programmed to improve the yields of fodder grasses and legumes by conducting agronomical experiments for establishing optimum schedules from irrigation, spacing and number of cuttings. The staff consisting of one fodder Research Officer, one Research Assistant, four Fieldmen and one Clerk-cum-Typist were appointed during 1956-57 and the scheme was continued till the end of Second Plan at a cost of Rs. 0.55 lakh.

Sugarcane Research Scheme, Rudrur :

This is a continuation scheme from the first plan. The scheme aims at the selection of high yielding rich cane suitable for the State and reduction in cost of production by the evolution of appropriate manurial and cultural schedules. Under this scheme, varietal tests, manurial and germination observation tests were conducted and a staff consisting of one Assistant Sugarcane Specialist, two Research Assistants, four Fieldmen, and other ministerial staff was appointed. The expenditure incurred on the implementation of this scheme was Rs. 1.49 lakhs by the end of Second Plan period.

Fruit Research Scheme, Sangareddy :

The scheme envisages Research on custard apples and mangoes at Fruit Research Station, Sangareddy from the year 1958-59 to augment the existing irrigation facilities for expanding the garden area, one well was sunk besides the purchase of 2 oil engines. The staff consisting of one Horticultural Assistant and one oil Engine Driver were appointed and a sum of Rs. 0.30 lakh has been spent by the end of Second Plan.

Conversion of the post of the Farm Superintendent into Class II Gazetted Officer post :—

The non-gazetted post of the Farm Superintendent, Warangal was upgraded as a Gazetted post during 1957-58 on account of the expansion of Research work and opening of various sub-sections of Research at the main experimental farm, Warangal. An expenditure of Rs. 0.14 lakh has been incurred under this scheme during Second Plan period.

Additional requirements of Research Laboratories :—

This scheme was implemented during second plan period with a view to equip the laboratories attached to the Research Stations at Rudrur, Dindi, Warangal and Rajendranagar with up-to-date laboratory equipment and chemicals. For this purpose, an amount of Rs. 0.32 lakh has been spent on the construction of buildings and purchase of equipment and chemicals etc.

Additional requirements of Government Farms :—

This scheme aims at the development of Government Agricultural Farms in Telangana region on par with farms of Andhra Region. As the Government farms at Rajendranagar, Sangareddy, Dindi and Rudrur are underdeveloped, it was proposed to provide additional equipment and buildings to these farms. The scheme was implemented during 1957-58 and an expenditure of Rs. 3.70 lakhs has been booked during Second Plan period.

Rainfed Paddy scheme, Adilabad :

With a view to evolve high yielding strains of Paddy under rainfed conditions and to find out suitable agronomic, manurial, cultural practices, efficient and economic

measures of plant protection for rainfed paddy cultivation, this scheme was sanctioned by the Government during the year 1958-59 with a staff of one Research Assistant, one fieldman and one peon under the technical supervision of the paddy Specialist, Rajendranagar. An amount of Rs. 0.16 lakh has been incurred since its inception till the end of Second Plan period.

Schemes for improving the technique in raising tabi nurseries of paddy :—

Under this scheme it was programmed to devise ways and means of hastening the growth of paddy seedlings during the tabi season and to determine the individual and collective role of different factors which have a governing influence on the growth and development of the paddy crop. The scheme was implemented from 1957-58 at the main experimental station, Rajendranagar with one Research Assistant, two plant collectors, one Clerk-cum-Typist and one peon. During Second Five Year Plan period an amount of Rs. 0.24 lakh has been spent on this scheme.

Crop weather observation scheme, Rajendranagar :—

Originally this scheme was taken up at the Agricultural Research Station Dindi in April 1956 and subsequently in April, 1957 it was shifted to the Agricultural Research Institute, Rajendranagar. This scheme aims at the recording of systematic and detailed observations relating to the growth, development and yield of crops as well as the weather elements experienced by the crops during their life cycle. The programme of work was formulated by the Director of Meteorology, Poona and co-ordinated on an All India basis. The crops dealt with at this station were kharif jowar, Abe paddy, and tabi paddy. During the period under review, observations were recorded and forwarded to Poona for scrutiny and interpretation. The staff consisting of one Agricultural Assistant and a Kamgar were appointed under this scheme. During the Second Plan period an amount of Rs. 0.17 lakh has been spent on the scheme.

Crop weather observation scheme Rudrur.—

The object of the scheme is similar to that of crop weather observation scheme, Rajendranagar. The crop weather observation work on paddy and sugarcane was

undertaken during the period under review at Rudrur where a Meteorological station was established with modern equipment. The scheme was implemented from 1958-59 with one Agricultural Assisat and one Kamgar. By the end of Second Plan, an amount of Rs. 0.14 lakh has been spent thereby utilising the entire revised plan provision.

Crop weather observation scheme, Warangal :

The object of the scheme is same as those of crop weather observation schemes, Rajendranagar and Rudrur. Under this scheme the crop weather observation work was undertaken on kahrif and rabi jowar and groundnut. The scheme was implemented from 1957-58 with a staff of one Agricultural Assistant and one Kamgar at Warangal Farm and an expenditure of Rs. 0.27 lakh has been incurred during the Second Plan period.

Organisation of Statistical Section in the Directorate of Agriculture.

With a view to strengthen the staff of statistical section in the Directorate of Agriculture to cope up with the increased work, the additional staff of one Statistician, one Assistant Statistician, one Statistical Assistant, one Computer, one Clerk-cum-Typist and one peon were appointed during 1957-58. Subsequently the post of Statistician was abolished by the Governmnet as an economy measure and the remaining staff was continued.

During the second plan period 1450 experiments planned on Randomised block design, split plot design, confounded design and other incomplete block design were analysed ; 350 layout plans of different designs were prepared, three uniformity trials were conducted at Rajendranagar and Amberpet in order to determine the optimum plot size for paddy and maize crops under different soil conditions and about 150 experiments were examined in detail and necessary suggestions were given on the spot and Agro-botanical survey, conducted at West Godavari District has been processed and necessary report has been prepared.

A sum of Rs. 0.25 lakh was spent on the scheme during Second Plan period.

Investigation of Ground Water Resources :

With a view to explore the availability of ground water for irrigation by taking few trial bores to a depth of about 600 ft. for investigation of ground water resources in suitable areas, this scheme was implemented with a provision of Rs. 0.16 lakh during the year 1957-58. Against the above provision an amount of Rs. 0.11 lakh has been incurred under this scheme during Second Plan period.

Co-ordinated Maize Breeding Scheme, Amberpet :

With a view to develop suitable and adopted in-breds for the production of hybrid maize on commercial scale in India, the I.C.A.R. has sponsored a co-ordinated maize breeding scheme. Under this scheme a Research Centre was established at Amberpet in Hyderabad during 1957-58. The main object of this Research Station is to evolve high yielding hybrids resistant to common pests and diseases, non-lodging and suited to local conditions. One Maize Breeder, one Assistant Maize Breeder, 3 Research Assistants, 8 Fieldmen and other ancillary staff were appointed under this scheme. The recurring expenditure is wholly financed by the Indian Council of Agricultural Research and non-recurring expenditure, by way of land, cattle and buildings, etc., by the State Government.

The work done at this station during 1960-61 Kharif season was collection of five varieties namely pai maya, hawang yu mi, pai ho, pai ma ya and tu tw from chinese stall, World Agricultural Fair. These varieties were studied and maintained by sibbing and 178 ears in above five varieties were selfed. Out of these five varieties one Hawang yu mi was discarded due to poor growth and 15 ears from the remaining 4 varieties were selected for further inbreeding. Two hundred inbreds of proven value—174 from U.S.A., 2 from Egypt, 9 from Phillipines, 11 Sweet Corn lines from U.S.A. and 4 pop corn lines from U.S.A. were received and studied. Out of the above 5 U.S. inbreds, 10 Sweet corn lines and 4 pop corn lines were retained. The remaining were discarded due to poor agronomic characters.

During Rabi Season of 1960-61, 77 varieties 19 yellow and 9 white varieties from S. America, 17 Yellow and 7 white varieties from North America, 17 yellow and 8 white varieties from India are being maintained. The same 5 U.S. inbreds along with 10 Sweet Corn and 4 pop corn lines of proven values as maintained in Kharif season of 1960-61 are under study.

During the Second Plan period an amount of Rs. 5.25 lakhs has been spent against a revised provision of Rs. 4.84 lakhs on this scheme.

Mango Research Scheme, Sangareddy :

The scheme aims at the development of Mango Production by intensifying Research at Mango Research Station, Sangareddy. The scheme was implemented from 1957-58 by taking up studies on Mango species, manurial experiments, root stock trials, hybridisation work etc., with a staff of two Reserch Assistants 3 Fieldmen 1 Clerk-cum-Typist, one Head Mali and one peon. On this scheme an amount of Rs. 0.93 lakh has been spent during the Second Plan period.

Expansion of Marketing Department :

In view of the increased activities of the Marketing Wing like grading, helping in organising the co-operative Marketing Societies, Warehousing, educating the producers and sellers with the knowledge of marketing and also due to increasing of regulated markets in Telangana Region which have to be attended to by the marketing wing, it has become imperative to strengthen the staff of the marketing wing. For this purpose, one state Marketing Officer of the cadre of Headquarters Deputy Director of Agriculture and other anciliary, Supervisory and Ministerial staff were appointed during 1957-58 and continued during the plan period.

During the Second Plan period an expenditure of Rs. 1.15 lakh was incurred on the above scheme.

Statistical Organisation in the Marketing Wing.

With a view to disseminate market information through hand outs, bulleteins and periodical reports, etc., the existing staff of the marketing wing was strengthened

by appointing one Statistical Officer, one Marketing Assistant, one Recorder, one Typist and one peon. The above staff was engaged in the collection of data on prices, arrival of stocks etc, of Agricultural Commodities and compilation of data in the form of Marketing bulletins and publishing the same periodically for the benefit of public in general and for the promotion of trade in particular. This scheme came into operation during, 1959-60 and an amount of Rs. 0.09 lakh has been spent during the Second Plan period.

Wheat Rust Control Scheme, Rajendranagar:—

Under this scheme, Research was being conducted to find out Measures for averting wheat rust which is a major disease from which wheat crop generally suffers. The scheme was implemented from 1958-59, with the staff of one Research Assistant, one Junior Scientific Assistant and one Mali. An amount of Rs. 0.18 lakh has been spent during the Second Plan period.

Establishment of Variety testing station at Wyra.

A variety testing station at Wyra, in Khammam District was established during 1958-59 with a view to conduct trials on improved paddy strains, manurial schedules and cultural operations and also to find out optimum requirements of seedlings per acre in the project areas. One Research Assistant, two Fieldmen, one store Keeper, one Laboratory attender and one Peon were appointed under the scheme. A provision of Rs. 0.64 lakh was made in the revised estimates against which an amount of Rs. 0.61 lakh was spent during Second Plan period.

Botanical Section, Dindi, (Crop improvement scheme):—

With a view to make observations on jowar, cotton, wheat and groundnut crops for obtaining increased yields by suitable agronomic practices and manurial schedules, a botanical section was established at Dindi in Nalgonda District during the year 1958-59. By the end of second five-year plan construction of laboratory building was completed. Under this scheme one plant collector was appointed. A sum of Rs. 0.04 lakh has been spent during the Second Plan period,

Evolution of Gall Fly Resistant varieties of Paddy at Narasampet.

The object of the scheme is to evolve gall fly resistant varieties of paddy as it is found that this insect is not effectively controlled by external application of pesticides on the crop since it is an internal pest which enters the tissue of the paddy plant. For this, a scheme for evolving gall fly resistant varieties of paddy was implemented, during 1959-60, at Narsampet in Warangal District. For implementation of the scheme during second plan period an expenditure of Rs. 0.23 lakh was incurred during the Plan period.

Establishment of Sesamum Research Station at Karimnagar.

This scheme aims at the study of the genetic material on hand as well as the material to be collected and to evolve high yielding and high oil bearing strains suitable for sesamum growing areas in Telangana. The sesamum Research Station was established at Karimnagar with one Research Assistant, two Fieldmen, two ploughmen and two watchmen during 1958-59. A provision of Rs. 0.26 lakh was made in the Second Plan for implementing the scheme against which an expenditure of Rs. 0.30 lakh was incurred.

Scheme for testing and Demonstrating the response to chemical fertilizers in the production of Castor :

With a view to determine the optimum dose of nitrogen and phosphorous in the form of inorganic manures with or without farm yard manure towards increasing the castor production and to demonstrate to the cultivators the advantage of manuring castor, a scheme for testing and demonstrating the response to chemical fertilizers in the production of castor was implemented from 1959-60 in Telangana region. The staff consisting of one Research Assistant, three Fieldmen and one lower Division Clerk was appointed under this scheme.

During the Second Plan period a provision of Rs. 0.07 lakh was made in the revised estimate, against which a sum of Rs. 0.14 lakh was spent.

Scheme for construction of residential quarters at Rajendranagar and other research stations :

The object of the scheme is to provide residential quarters with all amenities to the staff working in Research stations so that they would be able to attend to the Research work at the scheduled time and turn out much work.

Under this scheme, the work at Rajendranagar was started during 1960-61 and 9 'B' type residential quarters and 17 'C' type residential quarters were nearing completion. An amount of Rs. 1.09 lakhs has been booked against the Plan provision of Rs. 1.08 lakhs.

Scheme for the improvement of Anab-e-shahi grapes in Hyderabad.

With a view to investigate the factors responsible for the low yields by undertaking agronomical and physiological investigations and devising suitable cultural, manual and pruning practices for the benefit of growers, a scheme for the improvement of Anab-e-shahi grapes was started during 1959-60 at Rajendranagar in Hyderabad with a staff of one Assistant Horticulturist, one Research Assistant, one Fieldman, one Clerk-cum-Typist, one Mali, one Peon and one watchman.

Under this scheme grapes were planted with Anab-e-shahi variety on an area of 2.10 acres at Rajendranagar for conducting manurial trials during 1959-60 and the plants are growing satisfactorily. Another 60 cents were planted in the month of March, 1961, for kniffin system of training.

An amount of Rs. 0.34 lakh has been incurred against a revised provision of Rs. 0.25 lakh during Second Plan period.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expendi- ture.	
		Second Plan Provision		expenditure incurred in .						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	()	(10)	
ANDHRA										
1.	Multiplication and distribution of improved seeds (seed farms and seed stores).	108.80	125.31	18.17	29.54	18.01	28.31	21.05	105.08	
2.	Scheme to run two zonal nucleus seed farms of the improved strain of the groundnut and castor.	1.83	1.84	..	0.27	0.31	0.43	0.31	1.82	
3.	Rabi campaign	4.31	3.60	0.41	0.27	4.28
4.	Kharif campaign	1.43	0.43	0.78	1.21
5.	Japanica Indica crosses .. for evolution of thrifty strains of paddy.	0.88	0.87	0.09	0.07	0.08	0.07	0.07	0.88	
6.	Improved Akkulu variety of paddy.	0.14	0.15	0.02	0.02	0.03	0.04	0.04	0.15	
7.	Agricultural Research Station at Kamalapuram for paddy under lift irrigation.	0.49	0.94	0.02	0.19	0.24	0.20	0.30	0.95	
8.	Evolution of Millets	..	0.26	0.30	0.03	0.05	0.05	0.08	0.08	0.29
9.	Control of Pests and diseases of crops.	14.84	33.32	3.14	6.27	6.12	9.44	14.74	39.71	
10.	Establishment of District service stations to cater to the needs of Agricultural Department.	1.92	2.05	..	0.17	0.12	0.69	0.98	1.96	
11.	Purchase and distribution of Tractors on H. P. S.	60.00	29.63	6.88	12.34	2.95	1.51	5.03	28.71	
12.	Distribution of Agricultural implements on H.P.S.	4.00	4.08	..	0.87	1.27	0.94	0.96	4.04	

(Rupees in lakhs.)

PRODUCTION

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(i) Seed farms established ..	Nos.	301	..	47	70	22	162	301
(ii) Seed stores (Constructed)	..	301	..	85	78	22	187	272
Research scheme								
No specific targets.								
Research scheme								
Do.								
Research scheme								
Staff scheme ..								
Supply of								
(i) Power Sprayers	..	380	21	19	..	..	68	108
(ii) Hand-operated sprayers	..	2,000	68	1,020	119	500	500	2,202
(iii) Hand-dusters	..	2,000	90	200	100	500	500	1,390
(iv) Vans ..	..	5	..	4	1	..	..	5
Establishment of District Service Stations	..	5	..	1	4	..	..	5
Tools supplied	No.	375	41	79	29	10	38	192
Agricultural Implements supplied	Rs. in lakhs	4.14	..	0.87	1.27	0.94	0.96	4.04

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total expenditure
		Second Plan Provision		expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
13.	Subsidised distribution of Rotary Push hoes for Japanese method of paddy cultivation.	..	2.12	..	..	..	0.87	1.08	1.95
14.	Scheme for trial of improved imported Agricultural implements.	..	0.05	..	..	..	0.01	..	0.01
15.	Scheme for subsidised distribution of hand operated sprayers and dusters.	..	2.24	..	..	0.49	0.85	0.88	2.22
16.	Scheme for production of G2 Chillies.	0.27	1.19	0.19	0.32	0.21	0.18	0.22	1.12
17.	Cotton Extension scheme	2.33	3.44	0.40	0.25	0.41	0.98	1.01	3.05
18.	Trial of Mungari Cotton	1.08	0.83	0.12	0.18	0.16	0.15	0.17	0.78
19.	Tobacco extension scheme	1.65	3.21	0.28	0.70	0.68	0.83	1.07	3.56
20.	Sugarcane development in Andhra including intensive manuring scheme.	13.54	11.15	0.93	1.85	2.47	2.92	2.78	10.95
21.	Starting of pulses improvement work on Regional basis.	0.69	0.31	..	..	0.10	0.12	0.19	0.41
22.	Improvement of Bhimuni-patnam Jute in Andhra.	0.52	0.47	..	..	0.08	0.19	0.20	0.47
23.	Protection of Sugarcane crop against pests and diseases.	1.11	1.28	..	0.59	0.22	0.23	0.05	1.09
24.	Multiplication and distribution of								
	(i) Lakshmi Cotton	0.90	0.96	..	..	0.10	0.62	0.26	0.98
	(ii) Western Cotton		0.58	..	..	0.30	0.17	0.75	1.22
25.	Evolution of Cotton variety suitable for rice follows.	0.50	0.43	..	..	..	..	0.18	0.18

V—(Contd.)

(Rupees in lakhs.)

Physical Targets and Achievements								
Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Rotary push hoes supplied .. Nos.		10,000	..	..	..	4,540	5,775	10,315
No Specific Targets								
Hand operated sprayers & dusters supplied. .. No.		1,500	..	..	272	540	595	1407
i. Area cultivated .. Acres		30,000	2,028	4,660	2,432	817	2,000	11,937
ii. Production of chillies .. Tons		3,000	100	353	716.5	243.2	200.2	1,612.9
No specific Targets.								
Staff scheme								
No specific Targets.								
Do								
Do								
Research scheme								
Research scheme								
Research scheme								
Area covered Acres.		2,500 per year.	..	..	2,500	2,500	2,500	7,500
.. ..		1,100 per year.	..	..	1,100	1,100	1,100	3,300
No Specific Targets								

Srl. No.	Name of the Scheme	Financial Targets and Achievements							
		Second Plan Provision		expenditure incurred in					Total expenditure
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
26.	Dèveloppement of Cashew-nut.	18.29	10.40	..	..	2.30	4.90	2.39	9.59
27.	Fruit development scheme	84.83	84.79	..	8.68	12.62	9.56	8.72	84.58
28.	Training of gardeners in Andhra.	0.58	0.67	..	0.11	0.23	0.13	0.14	0.61
29.	Training of Farmers in fruit and vegetable preservation.	0.18	0.12	..	0.02	0.08	0.02	0.01	0.08
30.	Scheme for encouraging Arecanut cultivation, Andhra.	0.05	0.08	..	..	0.01	0.01	0.01	0.03
31.	Establishment of permanent oil seeds station in Visakhapatnam District.	1.05	0.47	..	..	..	..	0.21	0.21
32.	Scheme for doubling the production of coconut seedlings.	..	0.82	..	..	0.19	0.26	0.16	0.61
33.	Coconut development scheme (coconut Mite scheme).	2.09	8.90	..	..	0.47	1.43	1.78	8.68
34.	Arecanut development ..	..	0.04	..	..	..	..	0.01	0.01
35.	Oil seeds development ..	..	5.78	..	..	0.31	2.68	1.81	4.80
36.	Oilseeds extension scheme	5.47	1.79	..	..	0.87	0.81	0.97	2.15
37.	Co-ordinated scheme for pericularia disease of spring rice in flooded areas of Collair.	..	0.38	..	..	0.05	0.20	0.22	0.47
38.	Regionalisation of Fruit Research in Andhra Pradesh.	..	3.23	..	..	..	0.01	1.40	1.41
39.	Intensive Investigation of coconut diseases at Razole.	..	0.08	..	..	..	0.07	0.14	0.21

Srl. No.	Name of the Scheme	Financial Targets and Achievements							
		Second Plan Provision		Expenditure incurred in					Total Expenditure
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
40.	Establishment of Banana Research Station in West Godavari Dist.	0.52	0.68	..	0.01	0.23	0.26	0.28	0.78
41.	Building up-named references and collection of insect pests at the Agricultural College Bapatla.	0.27	0.32	..	0.02	0.10	0.13	0.07	0.32
42.	Expansion of Central Tractor workshop, Bapatla.	0.85	0.61	..	0.40	0.07	0.06	0.04	0.57
43.	Expansion of Marketing in Andhra.	1.10	1.18	0.17	0.25	0.22	0.27	0.28	1.19
44.	Establishment of Onion Research Station, Cuddapah.	0.78	0.48	..	0.03	0.15	0.23	0.15	0.56
45.	Agricultural Information production and training service.	3.58	0.41	0.04	0.11	0.10	0.16	..	0.41
46.	Comprehensive staff Scheme.	10.69	6.91	0.25	0.88	0.70	2.26	2.32	6.41
47.	Studies in phosphatic availability in rice soils.	0.21	0.29	0.05	0.07	0.07	0.08	0.02	0.29
48.	Study of Nitrogen fixing power of important leguminous crops.	0.35	0.29	0.03	0.10	0.10	..	0.12	0.35
49.	Intensive investigation and Control of Fruit pests in Andhra.	0.33	0.46	0.01	0.12	0.15	0.18	..	0.46
50.	Intensive Investigation & control of vegetable pests.	0.36	0.29	0.07	0.15	0.07	..	..	0.29
51.	Vegetable Research Station Kurnool.	0.60	0.70	..	0.02	0.26	0.37	0.38	1.03

V—(Contd.)

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Achievements during</i>							<i>Total Achievement during 1956-61</i>
	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1960-61</i>	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

Research scheme

Research Scheme

Staff scheme

do

No specific targets.

No specific targets

Staff scheme

Research Scheme

Research Scheme

Research Scheme

No specific targets

Staff Scheme

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
1	2	3	4	5	6	7	8	9	10
52.	Upgrading Agricultural Research station, Nandyal for fundamental studies in Cotton and Oil seeds.	2.00	1.37	0.17	0.10	0.30	0.02	0.65	1.24
53.	Sugarcane Research Station, Anakapalli.	10.40	9.42	1.42	2.52	1.78	2.22	2.34	10.28
54.	Providing Research facilities at Agricultural College, Bapatla.	5.52	1.20	..	..	..	..	0.93	0.93
55.	Scheme for Agronomic Trials (Simple Fertilizers).	3.60	2.39	..	..	0.56	0.88	1.02	2.44
56.	Research Agricultural Engineering Section at Rajendranagar.	..	1.41	..	..	0.05	0.42	0.59	1.06
57.	Development of Plant physiology at Bapatla.	1.58	0.87	..	..	0.08	0.21	0.14	0.88
	Token provision for implementing the recommendations of the Nalagarah Committee report.	..	2.00	..	..	..	..	..	..
58.	Equipment of Laboratory at Rajendranagar for work on oil seeds.	5.00	0.21	..	..	..	0.10	0.75	0.85
59.	Investigation of Ephelium diseases of Paddy (False smut leaf blight)	0.44	0.84	..	..	0.08	0.16	0.09	0.88
60.	Research on cashewnut	..	0.20	..	..	..	0.13	0.13	0.26
61.	Establishment of Sub-humid tropical Research Station at Tirupati Hills.	1.14	0.82	..	..	..	..	0.13	0.13
62.	Laboratory facilities at Guntur for Millet Specialist.	2.10	0.50	..	..	..	..	0.06	0.06

IV—(Contd.)

(Rupees in lakhs)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Achievements during</i>							<i>Total Achievement during 1956-61</i>
	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1960-61</i>	
11	12	13	14	15	16	17	18	19

Research Scheme

No specific targets.

No specific targets.

No specific targets.

No specific targets.

Staff scheme --

Staff Scheme --

Research Scheme

Research scheme

Research Scheme

Research Scheme.

No specific targets

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
1	2	3	4	5	6	7	8	9	10
73.	Improvement of Marketing intelligence in Andhra Pradesh ..	1.00	1.06	..	0.02	0.17	0.27	0.21	0.67
74.	Opening of Sugarcane Research Station at Chittoor.	6.24	1.22	..	..	..	0.49	0.14	0.63
75.	Demonstration Farm at Hindupur.	..	1.18	..	..	0.10	..	0.23	0.33
76.	Sugarcane Soil survey in Andhra.	..	0.14	..	..	..	..	0.07	0.07
77.	Work on rice cultivation in saline areas.	..	0.39	..	..	..	0.19	0.21	0.40
78.	Betelvine Research Station Cuddapah District.	..	0.26	..	..	0.02	0.08	0.30	0.40
79.	Evolution of groundnut variety suitable for rice fallows.	0.62	0.47	..	..	0.25	0.25	0.23	0.53
80.	Production and distribution of Town compost.	6.78	13.99	2.02	2.69	3.00	2.92	3.00	13.63
81.	Scheme for development of compost from night-soils.	13.38	5.72	..	..	1.78	1.94	2.00	5.72
82.	Development of local Manurial resources.	5.96	9.36	..	0.78	2.64	2.32	3.18	8.92
83.	Strengthening of Agricultural College, Bapatla.	9.00	3.83	..	0.72	1.06	1.05	1.17	4.00
84.	Training of Fieldmen and Demonstration Maistries.	1.80	1.63	0.18	0.15	0.10	0.39	0.41	1.23
85.	Training of tractor operators	0.45	0.50	..	0.13	0.15	0.13	0.15	0.56
86.	Deputation of officers for post-graduate studies	1.00	0.34	..	..	..	0.09	0.02	0.11

(Contd.)

(Rupees in lakhs.)

Item	Physical Targets and Achievements							Total Achieve- ment during 1956-61
	Unit	Target for 2nd plan peri- od (Revi-sed)	Achievements during				1960-61	
			1956-57	1957-58	1958-59	1959-60		
11	12	13	14	15	16	17	18	19
Staff scheme ..								
No specific targets								
No specific targets								
Research Scheme								
Research Scheme								
No Specific Targets								
Research scheme								
Production of compost	lakh tons	11.52	1.86	1.70	2.26	2.37	2.12	10.31
i. Loans disbursed	.. Rs. in lakhs.	5.28	..	..	1.78	1.94	2.00	5.72
ii. Compost Produced	.. Tons	42,200	..	..	..	20,000	22,000	42,000
(i) Coverage of Blocks	.. "	447	..	61	124	47	28	260
(ii) Farmers trained	.. No.	44,700	..	4,734	9,333	4,965	2,721	21,753
Increase in admissions	.. No Per year	48	..	48	48	48	48	192
Fieldmen trained	.. No.	500	..	..	..	178	178	356
Maistries trained	.. No.	500	88	99	178	..	100	465
Out siders trained	.. "	360	..	65	61	71	68	265
Departmental candidates trained.	.. "	120	..	24	22	13	12	71
Officers deputed	.. "	14	..	..	2	2	2	6

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57-	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
77.	Scheme for training of farmers in oil engines.	..	0.28	..	..	0.04	0.03	0.07	0.14
78.	Opening of Agricultural School at the Agril. Farm, Yemmiganur.	..	0.14	..	..	..	..	0.08	0.08
79.	Purchase of Jeep to Dist. Agricultural Officer, Kakinada.	0.18	0.11	0.11	..	..	..	..	0.11
80.	Establishment of Zonal Parasite Breeding Station at Ambajipeta and Razole.	0.51	0.62	..	..	0.18	0.20	0.39	0.72
81.	Scheme for routine analytical work at oilseeds sections, Rajendranagar	..	0.25	..	..	0.08	0.11	0.11	0.30
82.	Setting up of seed certification centres.	..	0.55	..	..	..	0.15	0.81	0.96
83.	Scheme relating to studies in Soil Structure.	..	0.15	..	..	..	0.08	0.13	0.16
84.	Schemes to carry on research work on the science and practice of Bee Keeping with a view to improve the technique of Bee keeping under local conditions.	..	0.15	..	..	..	..	0.02	0.02
85.	Laboratory equipment for Agril. Research Station, Nandyal, for Technological work on cotton.	0.34	0.10	..	..	..	..	0.06	0.06
86.	Rice stem Borer scheme, Andhra Pradesh.	..	0.84	..	..	..	..	0.35	0.85
87.	Scheme for subsidised seed multiplication and distribution of improved seeds	..	5.26	..	..	2.60	..	2.66	5.26
88.	Package programme	..	2.27	..	..	..	..	2.27	2.27
89.	Scheme on Coordinated flori culture	..	0.08	..	..	..	..	0.03	0.08
90.	Weed eradication Scheme	..	0.06	..	..	..	0.06	..	0.06
91.	Scheme for compilation of index numbers of Agricultural production.	..	0.20	..	..	0.06	0.06	0.06	0.18
92.	Rationalised supervision of Patwaris work.	..	0.06	..	..	..	0.18	0.19	0.32

V—(Contd.)

(Rupees in lakhs.)

*Physical Targets and Achievements**Achievements during**Total
Achievement
during
1956-61**Item**Unit**Target
for 2nd
plan period
(Revised)*

1956-57

1957-58

1958-59-

1959-60

1960-61

*Total
Achievement
during
1956-61*

(11)

(12)

(13)

(14)

(15)

(16)

(17)

(18)

(19)

Item	Unit	Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59-	1959-60	1960-61	Total Achievement during 1956-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Farmers trained	.. No.	840	..	..	..	168	109	277
No Specific targets								
Jeep purchased	.. No.	1	1	..	..	..	..	1
No specific targets								
Research Scheme								
No specific targets								
Research Scheme								
Research Scheme								
No specific targets								
No Specific targets								
No specific targets								
No specific targets								
No specific targets								

.. No.

840

..

..

..

168

109

277

No Specific targets

Jeep purchased	.. No.	1	1	1
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.. No.

1

1

..

..

..

..

1

No specific targets

Research Scheme

No specific targets

Research Scheme

Research Scheme

No specific targets

No Specific targets

No specific targets

No specific targets

No specific targets

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57-	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
93.	Breeding Superior strains of ragi for the rainfed and splash irrigated areas of sandy soils of Guntur District.	0.20								
94.	Research Agricultural Engineering Section at Agricultural College, Bapla.	2.80								
95.	Provision of disease free seeds for sugarcane crop.	4.03								
96.	Upgrading of Coconut Research Station at Ambajipet.	0.42								
97.	Equipment for the Laboratory at Nandyal for Oil seeds.	0.90								
98.	Improving honey yields of bee hives.	0.33								
99.	Maintenance of Purity of genetic stocks.	0.19								
100.	Scheme to study the influence of irrigation on physico-chemical properties of soil of Tungabhadra Project area in Yemmiganur.	0.85								
101.	Scheme for improvement of Grapevines.	0.86								
102.	Investigation of major diseases of onion, cluster beans, cucurbits.	0.82								
103.	Establishment of Fruit Research station at Sabbavaram.	1.42								
104.	Fundamental Research in Horticulture at Agricultural College, Bapla.	0.98								
105.	Organising cotton Research work in Tungabhadra Project area.	0.25								
106.	Organising Research work in Cotton for Nandikonda Project area.	1.50								
107.	Scheme for Agro-economic research	2.23								
Total for Andhra ..		884.80	877.24	29.79	66.76	66.58	89.78	99.96	825.84	

V—(Contd.)

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Achievements during</i>					<i>Total Achievement during 1956-61</i>	
		<i>Target for 2nd plan period (Revised)</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59-</i>	<i>1959-60</i>		<i>1960-61</i>
(11)	(12)	(18)	(14)	(15)	(16)	(17)	(18)	(19)

Research Scheme.

Research Scheme.

Research scheme.

Research Scheme

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No Specific targets

Kitchen gardens started	No.	2,000	1,468	1,418	2,881
Home gardens started	No.	1,395	1,018	2,413

Farmers trained	No.	2,298	..	258	142	168	125	698
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No specific targets

R esearch scheme

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
25.	Sugarcane Research Scheme, Rudrur.	1.77	1.58	0.02	0.10	0.26	0.50	0.81	1.49
26.	Fruit Research Scheme, Sangareddy.	0.48	0.35	..	..	0.20	0.05	0.05	0.80
27.	Conversion of the post of Farm Supdt. Warangal into class II Gazetted post.	0.13	0.14	..	0.01	0.04	0.05	0.04	0.14
28.	Additional Requirements of Research Laboratories.	0.61	0.87	..	0.14	0.08	0.08	0.02	0.82
29.	Additional Requirements of Government Farms.	4.27	8.82	..	0.56	1.61	0.81	0.72	8.70
30.	Rainfed paddy scheme, Adilabad.	0.41	0.17	..	..	0.08	0.06	0.07	0.16
31.	Scheme for improving the technique in raising tabi nurseries of paddy.	0.56	0.21	..	0.03	0.07	0.07	0.07	0.24
32.	Crop weather observation scheme, Rajendranagar	0.18	0.19	..	0.04	0.04	0.05	0.04	0.17
33.	Crop weather observation scheme, Rudrur.	0.46	0.14	..	..	0.02	0.06	0.06	0.14
34.	Crop weather observation Scheme, Warangal.	0.13	0.27	..	0.05	0.08	0.08	0.06	0.27
35.	Organisation of Statistical Section in the Directorate of Agriculture.	2.09	0.88	..	0.01	0.07	0.08	0.09	0.25
36.	Investigation of ground-water resources.	0.24	0.16	..	0.06	0.04	..	0.01	0.11
37.	Coordinated Maize Breeding Station, Amberpet.	5.16	4.84	..	0.88	3.08	0.98	0.81	5.24
38.	Mango Research Scheme, Sangareddy.	1.89	1.00	..	0.84	0.30	0.14	0.15	0.94
39.	Expansion of Marketing Dept.	4.05	1.48	..	0.07	0.88	0.87	0.33	1.11
40.	Statistical Organisation in the Marketing wing.	0.98	0.82	..	..	..	0.02	0.07	0.09

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
41.	Wheat Rust control scheme.	..	0.16	..	..	0.05	0.05	0.08	0.18
42.	Establishment of variety Testing Station, Wyra.	0.88	0.64	..	..	0.21	0.14	0.26	0.61
43.	Botanical section, Dindi	0.20	0.04	..	..	0.02	0.01	0.01	0.04
44.	Evolution of gall-fly resistant varieties of paddy, Mahboobabad.	1.00	0.47	..	..	..	0.08	0.20	0.28
45.	Establishment of Sesamum Research Station, Karimnagar.	2.78	0.26	..	..	0.01	0.15	0.14	0.30
46.	Scheme for testing and Demonstrating in response to chemical fertiliser in the production of Castor.	..	0.07	..	..	..	0.06	0.08	0.14
47.	Organising of wild fruit station in Kantha lands of Forest Department.	..	0.05	..	..	..	Not implemented.		
48.	Scheme for construction of residential quarters at Rajendranagar and other research stations.	..	1.08	..	..	..	..	1.09	1.09
49.	Research on grapes (Anab-e-Shahi).	..	0.25	..	..	..	0.06	0.28	0.34
50.	Locust Control Scheme.	1.88							
51.	Mechanical Cultivation by State tractors.	8.29							
52.	Mechanical Cultivation by Private tractors.	0.25							
53.	Publicity and Propaganda.	1.89							
54.	Expansion of Nursery, Rudrur.	0.09							
55.	Refresher Course in Agriculture for Young farmers.	0.74							

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total expenditure	
		Second Plan Provision		expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
56.	Training of Fieldmen.		0.02							
57.	Establishment Research on Jowar Crop at Rajendranagar and Dindi.		0.99							
58.	Improvement of indigenous Agricultural implements.		1.00							
59.	Development of Local Manurial Resources.		2.98							
60.	Scheme for development of Compost from night soil.		8.86							
61.	Additional staff for Agricultural Engineering section.		0.86							
62.	Additional staff for Agricultural Economic Botanist.		0.06							
63.	Maize improvement scheme.		0.04							
64.	Establishment of Orchards.		10.65							
65.	Establishment of Jowar Research Station, Warangal.		0.47							
66.	Establishment of Agricultural farm under Nandikonda Project.		10.00							
67.	Breeding of Blast Resistant Variety of Paddy, Rajendranagar.		1.07							
68.	Coconut Extension scheme for Andhra Pradesh (Scheme for increasing Coconut production).		1.04							

--(Contd.)

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Achievements during</i>						<i>Total- Achievements during 1956-61</i>	
	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>		<i>1960-61</i>
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

cluded in Andhra

Not Implemented.

Included in Andhra

Not implemented

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Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Original	Plan Provision Revised	Expenditure incurred in				1960-61	
				1956-57	1957-58	1958-59	1959-60		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
69.	Physiology of draught resistant variety of castor.	0.88							
70.	Scheme for study and control of measures against Ituka Rogum of paddy and diseases of Sugarcane at Rudrur	0.77							
71.	Grading of Agricultural Production.	1.58							
72.	Expansion of Publicity section.	8.81							
73.	Scheme for Agronomic trials.	1.21							
74.	Other schemes.	15.43							
Total for Telangana		200.74	95.09	2.11	8.58	20.59	27.67	82.86	91.81
Total for Andhra Pradesh		585.04	472.83	81.90	75.84	87.17	117.40	182.82	444.68

Contd.)

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Achievements during</i>						<i>Total Achievement during 1956-61</i>	
	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>		<i>1960-61</i>
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

cluded in Andhra

Implemented.

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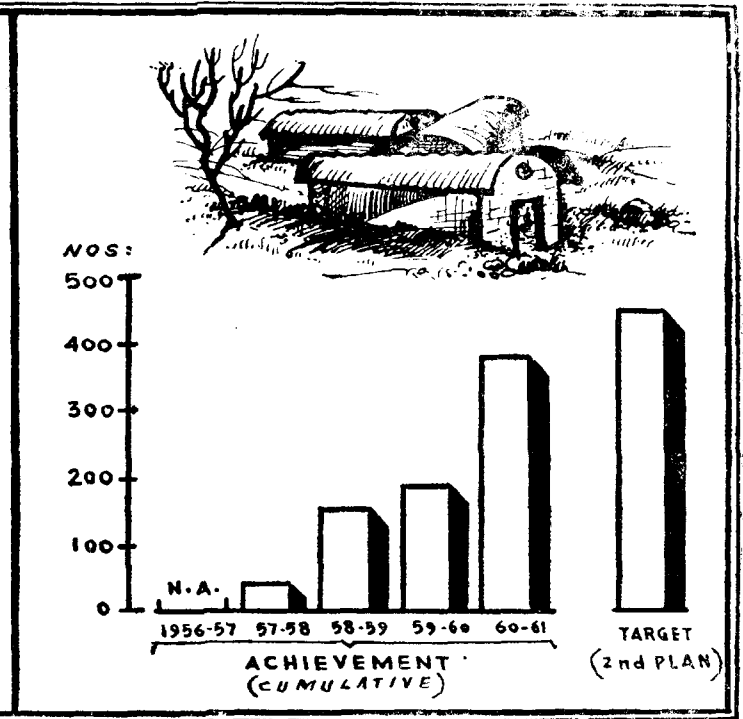
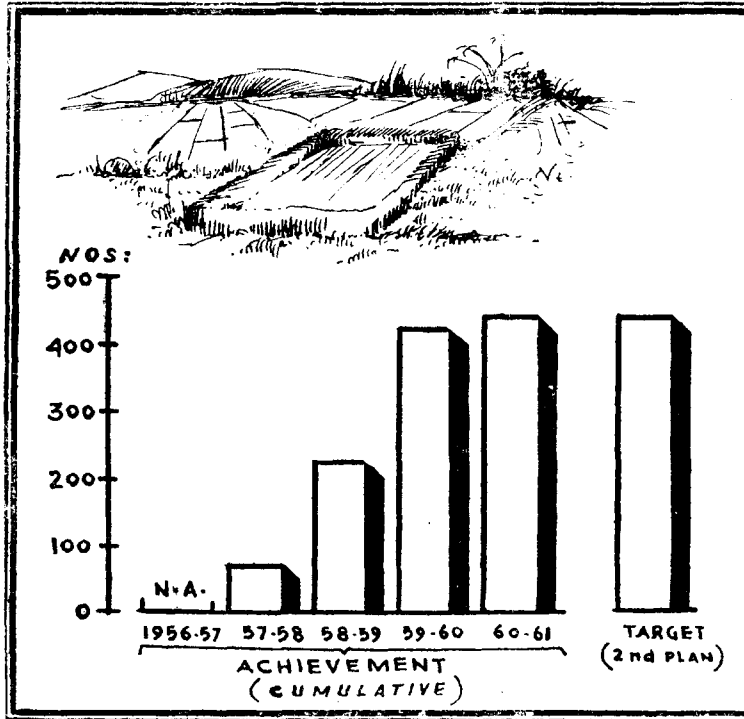
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Agricultural Production

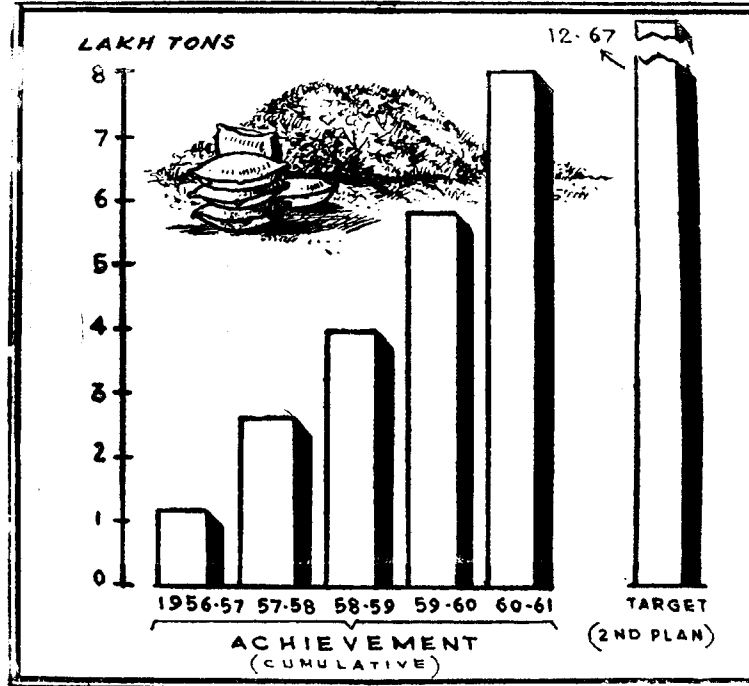
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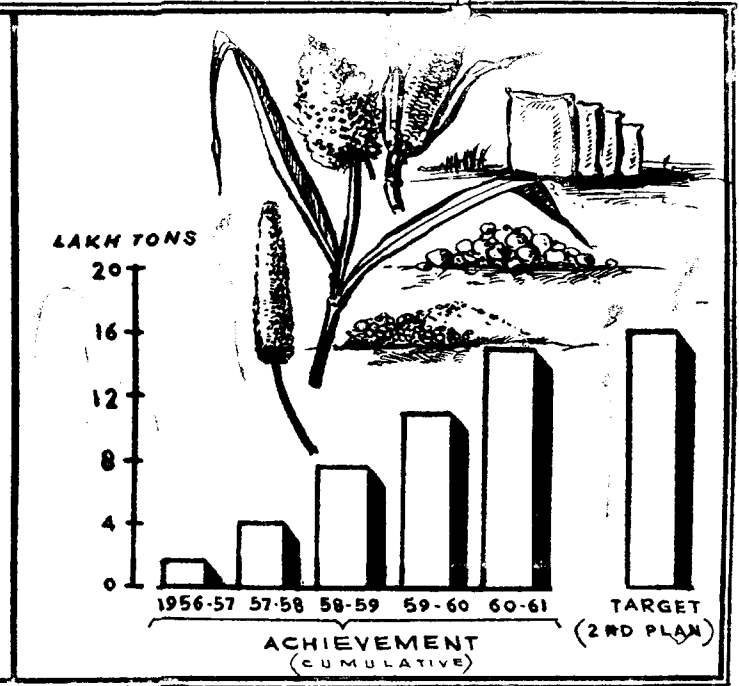


Agricultural Production

FERTILIZERS DISTRIBUTED



ADDITIONAL FOOD PRODUCTION



CHAPTER VI
MINOR IRRIGATION

A sum of Rs. 568.54 lakhs was originally provided in the Plan for 1956-61 for expenditure on 12 schemes intended for the development of minor irrigation programmes in the State. During the course of the Plan, 4 new schemes costing Rs. 268.18 lakhs were included in the Plan and one scheme, "Sinking of Filter Point Tube Wells," costing Rs. 4.92 lakhs was dropped from the Plan. On the other hand, the provision in respect of implemented schemes was either reduced or enhanced depending upon the requirements, as a result of which there was a net increase of Rs. 317.60 lakhs in the provision. Thus, the revised provision for the 15 schemes under implementation during the period, amounted to Rs. 886.14 lakhs. Against this, a sum of Rs. 811.47 lakhs—Rs. 420.51 lakhs on 7 schemes implemented in the Andhra Region and Rs. 390.96 lakhs on 8 schemes implemented in the Telangana Region—was spent till the end of March 1961. The important physical targets and achievements during the period under review are indicated in the following table.

PHYSICAL TARGETS AND ACHIEVEMENTS.

<i>Sl. No.</i>	<i>Item.</i>	<i>Unit.</i>	<i>Target for 1956-1961.</i>	<i>Achievement during 1956-1961.</i>
(1)	(2)	(3)	(4)	(5)
		Acres in		
1.	Area irrigated ..	Lakhs.	3.08	3.38
2.	Distribution of oil engines	No.	1,436	1,860
3.	Distribution of Electric Motors.	No.	1,082	1,121
4.	Sinking of new wells ..	No.	31,083	30,760
5.	Filter points ..	No.	942	493

An account of the progress made in respect of the schemes implemented during 1956-61 is given below. Statement VI, appended will show the financial and physical targets and achievements during each of the years 1956-61, under each scheme.

ANDHRA

Sinking of Filter Points.

To aid the cultivators in providing irrigation facilities a scheme for granting loans for sinking filter point tube-wells was implemented during the Second Five-Year Plan period. Under this scheme, loan to the extent of Rs. 2,500 is granted to each cultivator, to be recovered in five instalments with interest fixed by Government from time to time. During the Second Five-Year Plan period, loans to the extent of Rs. 11.70 lakhs were granted to sink 493 filter points. The scheme is popular in the delta areas of the State.

Purchase and distribution of Oil Engines and Electric Motors on Hire Purchase System.

This is a continuation scheme from the First Five-Year Plan. Under this scheme, oil engines and electric motor pumpsets for lift irrigation are supplied to the needy cultivators. A maximum loan of Rs. 4,000 in the case of oil engines and Rs. 2,000 in the case of electric motors, is admissible to each individual cultivator. The loans are recovered in five to seven instalments, as the case may be, together with the interest fixed by Government from time to time with a centage charges of 8%. During the Second Five-Year Plan, loans to the extent of Rs. 44.02 lakhs have been sanctioned for the supply of 1,062 oil engines and 880 electric motor pumpsets. The scheme is popular in all the districts of the State, especially in the dry areas.

Tube-Well Scheme.

A scheme for the sinking of 25 exploratory tube-wells in the East and West Godavari and Visakhapatnam districts under Technical Co-operation Mission Programme, has been included in the Second Five-Year Plan. Originally the Public Works Department was expected to implement the scheme; but subsequently the scheme has been transferred to the Agricultural Department

for implementation. The scheme has been sanctioned in 1960-61 and an expenditure of Rs. 4.19 lakhs was incurred during the year 1960-61 for the purchase of casing pipes and one truck, in addition to meeting the cost of 3 rigs and compressors transferred from the Public Health Department.

Scheme for granting loans for sinking of Artesian Wells :

Under this scheme, loans are granted upto a maximum of Rs. 4,000 per individual for sinking of Artesian Wells with the aid of departmental hand-boring sets and power drills. The loans are recovered in 10 annual instalments together with the interest as fixed by the Government from time to time. The scheme was implemented in East and West Godavari districts since 1957-58 and loans to the extent of Rs. 1.68 lakhs were sanctioned for sinking 40 Artesian wells during the Second Plan period.

Restoration of breached and abandoned Minor Irrigation sources under the Revenue Department.

Under the scheme, it was proposed to restore the breached and abandoned minor irrigation sources under the control of the Revenue Department and a provision of Rs. 89.14 lakhs was made for this purpose in the revised Plan. The scheme was implemented from the year 1958-59 and was in operation in all the districts of Andhra Region except West Godavari and Krishna districts. The entire provision was utilised during Plan period and it is estimated that an area of 15,640 acres of land was brought under irrigation under this scheme by the end of the Second Plan.

New Well Subsidy Scheme.

Under this scheme it was proposed to grant a subsidy to the ryots at the rate of Rs. 750 per well for sinking of wells. The scheme was implemented from the year 1957-58 and a provision of Rs. 143.45 lakhs was made in the Plan for the sinking of 19,087 wells, during the Second Plan Period. An expenditure of Rs. 142.38 lakhs was incurred on this scheme during the Plan period and the subsidy was granted for the sinking of 19,092 wells.

Minor Irrigation and Tank Improvement Schemes under the Public Works Department.

A sum of Rs. 242.90 lakhs was allotted in the Second Plan for the implementation of Minor Irrigation and Tank improvement schemes by the Public Works Department in the Andhra Region and an area of 1.45 lakh acres was expected to be benefited by the scheme during the Plan period. Of the total provision of Rs.242.90 lakhs, a sum of Rs.70.00 lakhs was proposed to be spent on Tank improvement schemes while the balance was intended for the other Minor Irrigation Works of the Public Works Department. However, on account of the administrative problems, much progress could not be recorded in respect of Tank improvement schemes and 349 Tank development schemes costing Rs. 33.53 lakhs and 138 minor irrigation schemes costing Rs. 251.82 lakhs were taken up for implementation during the Plan period and in all a sum of Rs. 177.45 lakhs was spent and the targeted area of 1.45 lakh acres was benefited by the end of the Plan period.

TELANGANA.

Lift Irrigation Scheme.

Under this scheme, it was proposed to take up five lift irrigation schemes on the banks of rivers and nallas during the Second Plan period in the Telangana region. Investigations into the possibilities of undertaking lift irrigation schemes are in progress. Only preliminary work was carried out during the Second Plan period and no project could be undertaken and as such only an amount of Rs. 0.17 lakh was spent during Plan period against a provision of Rs.0.75 lakh (revised).

Installation of Oil Engines and Electric Motors on Taccavi.

The object of the scheme is to supply oil engines and electric motors on loan to the needy agriculturists who cannot purchase the engines on outright basis. Each cultivator will be given a loan not exceeding Rs. 2,000 which will be recovered in easy instalments. During the Second Plan period, loans were granted for the installation of 798 oil engines and 291 electric motors at a cost of Rs. 18.39 lakhs as against a revised Plan provision of Rs. 18.78 lakhs,

Sinking of new wells and repairs to old wells.

With a view to help the cultivator in utilising the ground water resources to the maximum extent, this scheme has been implemented. A maximum amount of Rs. 2,500 is granted as a loan to each ryot for sinking new wells and Rs. 750 for repairing old wells. The amount of loan will be disbursed to the ryot in two instalments, one at the commencement of the work and the other after the officials are satisfied that the work has been sufficiently advanced and would be successfully completed in time. An amount of Rs. 24.86 lakhs for sinking of new wells and Rs. 5.21 lakhs for repairs to old wells was provided in the Second Plan. Against this, a sum of Rs. 24.07 lakhs for sinking of 1,395 new wells and Rs. 5.13 lakhs for repairs to 793 old wells was spent by the end of Second Plan period.

Well Boring Scheme.

The object of the scheme is to purchase well boring machinery and appoint necessary skilled staff to sink bores in the well for increasing the recuperative capacity of the existing wells. A sum of Rs. 0.71 lakh was spent to bore 16 wells against a target of Rs. 0.75 lakh during the Second Plan period.

Restoration of breached and Minor Irrigation sources under the Revenue Department.

A sum of Rs. 9.27 lakhs was provided in the Second Plan for the restoration of breached and abandoned minor irrigation sources under the control of the Revenue Department. The scheme was implemented during the last two years of the Second Plan and the entire provision was utilised. An area of 3,708 acres was benefited by the scheme during the Plan period as against the target of 3,868 acres.

New Well Subsidy Scheme.

Under this scheme it was proposed to grant a subsidy to the ryots for sinking of wells at the rate of Rs. 750 per well. The scheme was implemented from the year 1957-58 and a provision of Rs. 80.32 lakhs was made in

the Plan for the sinking of 10,676 wells during the Second Plan period. An expenditure of Rs. 76.06 lakhs was incurred on this scheme during the Plan period and the subsidy was granted for the sinking of 10,238 wells.

Breached Tanks and Minor Irrigation Works under the Public Works Department.

A sum of Rs. 251.92 lakhs was provided for the repair and restoration of breached tanks in the Telangana region and 4,331 works were sanctioned during the Plan period. A sum of Rs. 257.16 lakhs was spent on repair and restoration of 2,449 tanks and an area of 1.74 lakh acres was benefited during the Plan period against the Plan target of 1.40 lakh acres.

[Statement.

Sl. No.	Name of the Scheme	Financial Targets and Achievements								
		Second Plan Provision		Expenditure incurred in					Total Expenditure	
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA										
1.	Sinking of Filter points.	36.00	13.70	2.74	2.63	3.26	1.57	1.50	11.70	
2.	Distribution of Oil Engines and Elec. Motors on H.P.S.	24.15	41.90	4.56	6.86	9.98	8.40	14.22	44.02	
3.	Tube well scheme	5.00	10.00	..	..	..	..	4.19	4.19
4.	Scheme for granting Loans for sinking of Artesian Wells.	8.60	3.19	..	0.82	0.08	0.19	0.59	1.68	
5.	Restoration of Minor Irrigation sources.	..	39.14	..	..	3.50	14.59	21.05*	39.14
6.	New well subsidy scheme.	..	143.45	..	4.11	16.00	14.55	107.67	142.38	
7.	Tank improvement scheme and minor irrigation schemes under C.E. (P.W.D.).	242.90	242.90	16.80	19.66	37.74	51.93	51.32	177.45	
8.	Sinking of filter point tube wells.	4.92	..	..	..	..	..	..	Not
Total Andhra		321.57	494.28	24.10	34.08	70.56	91.23	200.54	420.51	
TELANGANA.										
1.	Lift irrigation scheme	1.82	0.75	..	..	..	0.07	0.10	0.17
2.	Installation of Oil Engines.	10.21	18.78	1.70	1.99	4.13	4.68	5.89	18.39	
3.	Sinking of new wells	26.89	24.86	4.00	5.26	5.23	5.02	4.56	24.07	
4.	Well Boring	1.70	0.75	..	0.46	0.01	0.09	0.15	0.71	
5.	Repairs to old wells	5.33	5.21	1.17	1.00	1.02	0.95	0.99	5.13	
6.	Restoration of Minor Irrigation sources.	..	9.27	..	..	..	4.85	4.42*	9.27
7.	New well subsidy scheme.	..	80.32	..	2.92	8.52	10.15	54.47	76.06	
8.	Tank improvement scheme and minor irrigation works under C.E. (P.W.D.)	201.02	251.92	25.09	24.78	57.14	71.07	79.08	257.16	
Total Telangana		246.97	391.86	31.96	36.41	76.05	96.88	149.66	390.96	
Total—Andhra Pradesh		568.54	886.14	56.06	70.49	146.61	188.11	350.20	811.47	

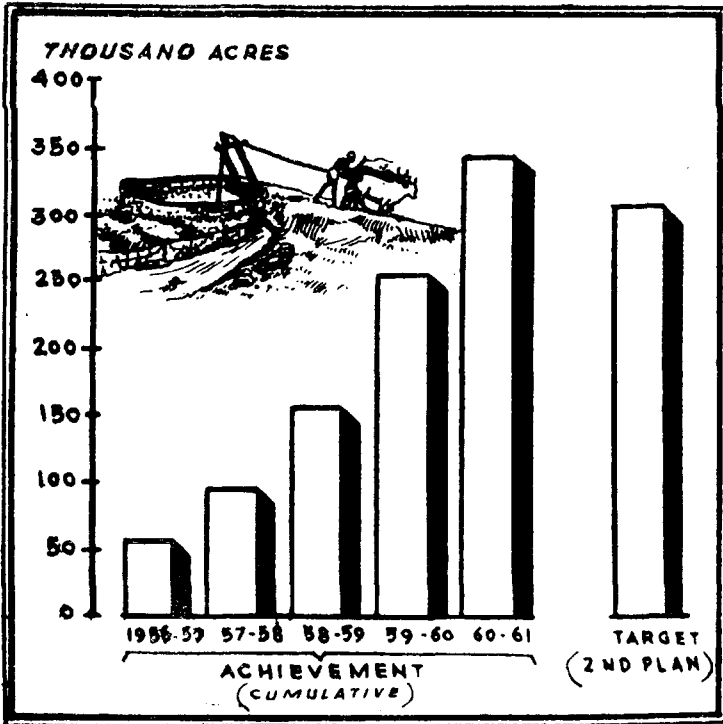
* Provisional.

IRIGATION

Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd plan peri- od (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Water points	No.	942	115	117	133	68	60	493
Distribution of.—								
(i) Oil Engines	No.	926	122	183	222	207	323	1,062
(ii) Elec. Motors.	No.	1082	99	108	217	135	271	830
Tube wells.	No.	25	..	..	..	..	..	..
Artesian wells.	No.	250	..	21	2	4	18	40
Area irrigated	Acres	17,900	..	..	1,420	5,838	8,382	15,640
Wells	No.	19,037	..	618	2,192	1,901	14,381	19,092
Area irrigated	Lakh acres	1.45	0.19	0.17	0.19	0.45	0.45	1.45
Implemented.	..	..	..	..	..	..	..	..
Lift irrigation project.	No.	5	..	..	..	..	..	..
Area to be irrigated	Acres	1000	..	..	..	..	..	..
(i) Oil Engines Distributed	No.	510	82	102	189	179	246	798
(ii) Elec. Motors Distri- buted.	No.	..	..	2	41	101	147	291
New wells sunk	No.	1,070	200	210	445	258	282	1,395
Wells bored	No.	682	..	..	16	..	..	16
Old wells repaired	No.	3,378	157	142	219	127	148	793
Area irrigated	Acres	3,868	..	..	..	1,940	1,768*	8,708
Wells	No.	10,676	..	382	1,154	1,327	7,370	10,233
Area irrigated	Lakh acres.	1.40	0.39	0.15	0.44	0.40	0.36	1.74

Minor Irrigation

AREA
IRRIGATED UNDER MINOR IRRIGATION WORKS



CHAPTER VII.

LAND DEVELOPMENT.

1. *Scheme for Land Reclamation by Mechanical Cultivation with Tractors and Bull-dozers.*

There is a good demand for the supply of tractors and bull-dozers for the reclamation of waste lands and scrub forests in the State. As the ryots are not in a position to own tractors and bull-dozers for the above purpose, it was originally proposed to purchase 50 bull-dozers for hiring out to ryots for reclamation and ploughing operations in the State during the Second Five-Year Plan period. But due to foreign exchange difficulties, no bull-dozers could be purchased up to 1959-60. As Government of India have released foreign exchange for the purchase of bull-dozers and spares during 1960-61, orders were placed through the India Supplying Mission in America, for supplying 30 bull-dozers with necessary accessories. The consignment has reached India, but 9 bull-dozers, one grader and accessories only could be received by 31st March 1961. The remaining machinery is lying at Bombay Port for want of transport facilities and is expected to be received shortly.

2. *Scheme for Land Reclamation and Reclamation of Scrub Forests.*

In addition to supplying bull-dozers and tractors to the ryots on hire for reclamation purposes, a scheme for working of the existing departmental bull-dozers is also in operation from the year 1959-60. Under this scheme a subsidy up to 50% of the net loss incurred by the State Government or 12½% of the total expenditure incurred by the State, whichever is less, will be borne by the Government of India. The expenditure incurred by the Government of India is treated as Plan expenditure and is shown here. A subsidy of Rs. 7.08 lakhs was claimed in this regard from the Government of India during the Second Five-Year Plan period.

<i>Financial Targets and Achievements</i>									
<i>Srl. No.</i>	<i>Name of the Scheme</i>	<i>Second Plan Provision</i>		<i>expenditure incurred in</i>					<i>Total expenditure</i>
		<i>Original</i>	<i>Revised</i>	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA.									
	Scheme for land reclamation and mechanical cultivation with tractors and bull dozers.	30.00	30.20	..	..	..	..	23.80	23.80
TELANGANA.									
	Scheme for land reclamation and reclamation of scrub forests.	9.88	6.84	..	..	..	3.34	3.74	7.08
	Total ..	39.88	36.54	..	..	..	3.34	27.63	30.97

(Rupees in lakhs.)

DEVELOPMENT

Physical Targets and Achievements

<i>Item</i>	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>Achievements during</i>					<i>Total Achievement during 1956-61</i>
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

Full dozers purchased	Nos.	30	30	30
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CHAPTER VIII.

ANIMAL HUSBANDRY.

The programme for the development of livestock in the State during 1956-61 originally comprised of 89 schemes costing Rs. 337.80 lakhs. But, during the course of the Plan 23 schemes involving an outlay of Rs. 80.78 lakhs were either deferred or dropped from the Plan while 28 new schemes costing Rs. 30.16 lakhs were brought into the Plan. In addition, the provision in respect of some schemes was revised on the basis of actual performance and requirements. As a result of these changes, the revised provision for this development head finally amounted to Rs. 242.68 lakhs. Against this, a sum of Rs. 235.82 lakhs,—Rs. 167.37 lakhs in Andhra Region and Rs. 68.45 lakhs in Telangana Region was spent during this period. The main physical targets and achievements during the period are indicated in the following table.

Srl. No.	Item.	Unit.	Target for 1956-1961.	Achieve- ment during 1956-1961.
(1)	(2)	(3)	(4)	(5)
1.	Key village centres opened ..	No.	34	26
2.	Clinical Laboratories opened ..	,,	14	13
3.	Touring Billets ..	,,	15	15
4.	First Aid Centres ..	,,	105	107
5.	Minor Vety. Dispen- saries ..	,,	85	94
6.	Veterinary Dispen- saries.	,,	51	35

Details of the progress made in respect of each of the schemes implemented during the period under review are given below. Statement VIII appended will show the financial and physical targets and achievements during the period under each scheme.

ANDHRA.

Key Village Scheme.

With a view to effecting all round improvement of cattle breeds in selected areas, it was proposed under this scheme to establish Key Village Centres with facilities for artificial insemination. This scheme provides for undertaking all aspects of development of cattle breeds by adopting scientific methods, such as breeding by artificial insemination techniques, control of cattle diseases, castration of scrub bulls, fodder development, etc. During 1957-60, 19 Key Village Centres, 2 Extension Centres and 5 Urban Artificial Insemination Centres were started besides expansion of the four Key Village Centres established under the first year of the Plan. One Food and Fodder Development Officer with necessary subordinate staff was also appointed to look after the development of fodder in the areas selected under the scheme. A sum of Rs. 23.62 lakhs was spent on this scheme during the Plan period against the Plan provision of Rs. 23.40 lakhs.

Free distribution of Male Breeding Stock.

A sum of Rs. 1.10 lakhs (revised) was provided in the Second Plan for distributing free of cost pure bred breeding bulls to the panchayats and to ryots. 163 bulls were supplied and the entire provision was spent during the Plan period.

Piggery Development.

This scheme is intended to acquaint the farmers on methods of rearing pure bred-pigs. One Piggery Development Unit was established at Muktyala in Krishna District during 1958-59 and 12 Piggery Development Blocks were started in the coastal districts during the last three years of the Plan period. 50 boars of Yorkshire breed were also supplied at concessional rates in each of the blocks. An amount of Rs. 2.32 lakhs was spent on this scheme during the Plan period against the Plan provision of Rs. 2.67 lakhs.

Opening of Goat Breeding Farm.

In 1958-59, a Goat Breeding Farm was established at the Government Livestock Farm, Palamaner where facilities exist for rearing goats. A sum of Rs. 1.48 lakhs was provided for this scheme in the Second Plan against which Rs. 1.34 lakhs was spent on this account.

Supply of white Breeding Bulls, Goats, Rams, Eggs, etc.

With a view to upgrading the various species of livestock and to encourage the agriculturists in maintaining improved breeds of livestock it was proposed to distribute pure bred livestock on half contribution basis. The bulls distributed under this scheme are eligible for inclusion in the premium scheme which provides for an annual premium of Rs. 220 to the custodian for maintaining the bulls. During the Plan period, 384 Ongole and Hallikar bulls, 440 Murrah Buffalo bulls, 80 male goats, 20 female goats, 213 boars, 117 cows, 1,014 rams of Nellore and Bellary breeds, 211 ewes, 3,043 exotic cocks, 4,186 exotic hens and 14,400 eggs were distributed in the Andhra Region. The expenditure incurred on this scheme amounted to Rs. 9.06 lakhs as against the Second Plan revised provision of Rs. 9.48 lakhs.

Goshala Development.

With a view to promoting livestock improvement, 10 Goshalas were selected for development during the Second Plan period by the payment of grants-in-aid. One Goshala Development Officer with necessary staff was appointed to implement the scheme and supervise its progress. A sum of Rs. 1.46 lakhs was spent on this scheme during the Second Plan period against the provision of Rs. 2.27 lakhs.

Establishment of Gosadan.

Under this scheme, a Gosadan was established at Mallivegu village in Guntur district during 1957-58 so that all the old, infirm and useless cattle can be aggregated and sent to this place where cattle grazing facilities exist. A sum of Rs. 0.64 lakh (revised) was provided for this scheme in the Second Plan and against this a sum of Rs. 0.58 lakh was utilised during the Plan period.

Opening of Wool Demonstration Units.

In order to demonstrate the usefulness of improved methods of feeding and breeding of sheep on scientific lines, 3 Sheep and Wool Demonstration Units were started during the First Plan period at Anantapur, Nellore and Kakinada. During 1959-60, 4 new units were started

at Nandyal, Vijayawada, Visakhapatnam and Adoni and the existing 3 units were also strengthened by providing additional staff and equipment. A provision of Rs. 1.36 lakhs was made for the scheme in the Second Plan but only an amount of Rs. 0.89 lakh was spent.

Opening of Sheep Farm.

With a view to rearing improved breeds of sheep on scientific lines, one Sheep Farm was established at Penakonda, Ananthapur District during 1958-59. Construction of staff quarters, office buildings equipment was also undertaken. A sum of Rs. 1.80 lakhs was spent on this scheme against the Second Plan provision of Rs. 2.11 lakhs.

Central Poultry Research Station.

One Poultry Research Station was established during 1959-60 at Kakinada for studying the problems relating to poultry husbandry and also to multiply exotic birds and eggs for distribution in the development blocks. A provision of Rs. 1.50 lakhs was made in the Second Plan and the actual expenditure amounted to Rs. 1.19 lakhs.

Additional staff for the Head Office and District Offices.

Under this scheme, it was proposed to appoint additional staff in the Head Office as well as in the District Veterinary Offices including the Government Livestock Farms, Chintalavedi, to cope up with the increased work. An expenditure of Rs. 0.98 lakh was incurred on this scheme during the plan period as against the provision of Rs. 1.90 lakhs.

Opening of District Poultry Farm.

With a view to ensuring supply of the required number of exotic birds, 2 District Poultry Farms were started, one at Muktyala (Krishna) and the other at Hindupur (Ananthapur) during 1959-60. During 1960-61 2 new Farms were started, one at Gopannapalem and the other at Alur. A sum of Rs. 2.10 lakhs was provided in the Second Plan and against this only a sum of Rs. 1.66 lakhs was spent during the Plan period.

Poultry Extension Centres.

For improving the local poultry, 16 Poultry and 1 Duck extension centres were established during the Plan period at various important centres in the districts. A sum of Rs. 8.49 lakhs was spent on this scheme against the provision of Rs. 7.83 lakhs during the Second Five-Year Plan period.

Opening of Bee Demonstration Units.

This scheme was implemented during 1956-57 and 2 units were started, one at Government Dairy Farm, Visakhapatnam, and the other at Government Livestock Farm, Palamaner (Chittoor). As it was subsequently found that this activity should be taken up by the Agriculture Department, the units were disbanded and the scheme was dropped. An expenditure of Rs. 0.01 lakh was incurred on this scheme during the Second Plan period.

Rehabilitation of Nomadic Cattle Breeders.

This scheme is intended to induce Sugalis living in the hilly tracts of Nallamalai in Kurnool district to rear better type of cattle. 14 Ongole breeding bulls were distributed to them free of cost and in addition, payment of a monthly subsidy of Rs. 15 to each custodian was also made. 2 First Aid Veterinary Centres were also started for providing necessary Veterinary aid. Against the Second Plan provision of Rs. 0.72 lakh a sum of Rs. 0.10 lakh was spent.

District and State Cattle Shows.

This scheme aims at creating enthusiasm among the cattle breeders and to educate the masses in scientific feeding and management of livestock. A provision of Rs. 0.82 lakh was made and a sum of Rs. 0.78 lakh was spent and 94 cattle shows were held during the Plan period.

Additional Staff and improvements to the Government Livestock Farm, Mahanandi.

At this Farm, Ongole, Dupad and Gir breeds of animals are maintained for supplying good breeding bulls

to the Rayalaseema Districts. A sum of Rs. 0.30 lakh was spent during 1958-59 and 1959-60 towards the improvement of the farm and appointment of additional staff including one Gazetted Superintendent. One Jeep, Station wagon and new permanent buildings were provided in the farm. A sum of Rs. 1.82 lakhs was spent on this scheme during the plan period as against the provision of Rs. 1.67 lakhs.

Appointment of Regional Assistant Directors :

For the effective supervision and speedy implementation of the plan scheme, it was proposed to appoint Regional Assistant Directors at the rate of one for every 4 Districts. Accordingly, 1 Regional Assistant Director was appointed at Rajahmundry during 1959-60 but the other two were not appointed during the subsequent year as programmed due to the non-sanction of the scheme by the Government. A sum of Rs. 0.17 lakh was spent on this scheme during the Plan period.

Supply of Jeeps to District Veterinary Officers:

In order to provide quick transport facilities to the District Veterinary Officers for enabling them to pay frequent and surprise visits to the field of operation and to check the work and alert the staff, 12 District Veterinary Officers were supplied with Jeeps during the period 1958-59 to 1960-61. Against the Plan provision of Rs. 2.18 lakhs made towards the cost of the jeeps and their maintenance, a sum of Rs. 2.81 lakhs was spent during the Plan period.

Sheep and Wool Extension Centres:

The Scheme provides for the distribution of improved breeds of rams and also practical demonstration on breeding, feeding and management in order to induce the local shepherds to take up scientific breeding and feeding of sheep. 8 Sheep and Wool Extension Centres with a supervisory unit at Rayadurg were started in Anantapur district. Against the Plan provision of Rs. 1.77 lakhs made for this scheme, a sum of Rs. 1.76 lakhs was spent during the Plan period.

Poultry Development under expanded Nutrition Programme:

This scheme was taken up in collaboration with the UNICEF, FAO & WHO to provide better nutrition to

people and 2 Regional Poultry Farms were established under this scheme. Out of the total provision of Rs. 2.40 lakhs, only Rs. 0.97 lakh was spent during the Plan period due to late sanction of the scheme.

Improvement to Government Livestock-Farm, Banwasi:

A Cattle-cum-Dairy Farm was established at Banwasi in the T. B. Project area in 1954-55 for the improvement of livestock and to produce the stud bulls required in the project area. It was proposed to re-organise this Farm during Second Plan. During 1958-59 and 1959-60, additional staff was appointed in the Farm. 50 Murrah She-buffaloes were also supplied. A sum of Rs. 1.78 lakhs was spent on this scheme during the Plan period as against the Plan provision of Rs. 1.70 lakhs.

Improvement to Government Livestock-Farm, Chintaladevi:

This Farm was mainly intended for the development of the famous Ongole breed besides rearing stud bulls required for distribution. During the years 1957-60, additional staff was appointed in the Farm besides the construction of permanent quarters for staff. In the Plan for 1960-61, an additional stock of 30 Ongole cows and 1 bull, 3 cattle sheds 1 store and a garage and a tank for storage of water were provided for the Farm. A sum of Rs. 2.12 lakhs was spent during the Plan period against the total provision of Rs. 1.90 lakhs.

Improvement to Government Livestock-Farm, Lam (Guntur).

In order to intensify the production and the supply of Pedigree Murrah bulls to the Community Development Blocks and also to supply milk to the hospitals and schools in Guntur Town, this farm was taken up for development during the Second Plan period. During the Plan period, additional dairy and agricultural equipment besides buildings and livestock were provided for this Farm. An expenditure of Rs. 1.28 lakhs was spent as against the Plan provision of Rs. 3.27 lakhs.

Reorganisation of Government Livestock-Farm, Palamaner:

The Government Livestock Farm at Palamaner was established under the First Five-Year Plan with a view

to maintaining different breeds of animals under farm conditions and study their adaptability. The State's fast languishing Punganoor breed of cattle which is the smallest breed known and is therefore rightly called 'The poor Man's Cow' is reared in this farm. During the Second Plan period, this farm was fully reorganised by providing additional staff including Gazetted Superintendent, staff quarters, additional milch stock equipment, etc. During 1960-61, the farm was provided with an office building, calving lines, quarters for the Accountant and Fieldman, 12 Murrah She-buffaloes, 10 Punganoor cows, etc. A sum of Rs. 8.24 lakhs was spent on this scheme during the Plan period against the total provision of Rs. 8.39 lakhs.

Additional Staff to Government Livestock-Farm, Chintaladewi:

The Farm was provided with additional staff of one accountant, one storekeeper and one typist during 1958-59 and an expenditure of Rs. 0.12 lakh was incurred on the scheme during the Plan period as against the provision of Rs. 0.11 lakh.

Cattle-Rly-Dairy Farm, Kakinada:

This Farm was established in 1959-60 in conformity with the Government policy to establish a dairy farm in the vicinity of urban areas with a population of 50,000 and more. Construction of office buildings, cattle sheds, godowns, quarters for staff, dairying buildings, etc. was completed during the plan period and 75 Murrah she-buffaloes, one van, dairy and poultry equipment etc. were also provided. A sum of Rs. 5.77 lakhs was spent on this scheme during the Plan period.

Veterinary and Livestock Inspectors Course, Vizag:

One school of Veterinary Science and Animal Husbandry was started at Visakapatnam during 1955-56, to meet the growing demand for technical personnel for training Veterinary and Livestock Technical Inspectors. 450 Candidates were admitted to this Course during the Plan period and an expenditure of Rs. 4.87 lakhs was incurred as against the revised provision of Rs. 4.93 lakhs.

Improvement to Ranikhat Disease Vaccine Laboratory:

The Ranikhat Disease Vaccine Laboratory was started under First Five-Year Plan at Guntur and a sum

of Rs. 0.05 lakh was spent on its improvement during 1956-57. This Laboratory was subsequently merged with the Serum Institute, Hyderabad.

Opening of Clinical Laboratories :

With a view to ensuring proper and timely diagnosis of diseases by chemical examination, it was proposed to establish clinical laboratories at each of the District Head quarters Hospitals, 5 laboratories were started during 1956-57 at Visakhapatnam, Kakinada, Nellore, Chittoor and Kurnool, 3 at Eluru, Vijayawada and Ananthapur during 1959-60 and 2 at Guntur and Cuddapah during the final year of the Plan. A sum of Rs. 2.04 lakhs was spent on these 10 Laboratories, during the Plan period.

Opening of Touring Billets :

In order to provide adequate veterinary aid and to control cattle diseases, Touring Billets were proposed to be started. One Veterinary Assistant Surgeon will be incharge of each billet assisted by a peon. 15 touring billets were started during the plan period and an expenditure of Rs. 1.31 lakhs was incurred as against the revised provision of Rs. 0.65 lakhs.

Opening of Veterinary First Aid Centres :

In order to make Veterinary Aid available to the ailing cattle, it was proposed to open class 1 Veterinary First Aid Centres as it was not possible to start Veterinary Hospital in view of the dearth of Veterinary graduates. 71 Veterinary First Aid Centres were opened incurring an expenditure of Rs. 2.10 lakhs during the Plan period.

Opening of Veterinary Dispensaries :

16 Veterinary dispensaries were opened during the plan period incurring an expenditure of Rs. 1.65 lakhs out of total provision of Rs. 1.84 lakhs.

Construction of Buildings for Veterinary Institutions :

The Scheme envisages the provision of permanent buildings for locating the Veterinary Institutions as there was much difficulty in securing suitable private

building for the purpose. A provision of Rs. 1.00 lakh was made for this purpose in the plan. 7 buildings were provided at Kaikalur (Krishna), Kandakur (Nellore), Cumbum (Kurnool district), Aluru (Kurnool T. B. P. area), Kesavaram (East Godavari), Gurazala (Guntur) and Tadipatri (Ananthapur). An expenditure of Rs. 0.114 lakh was booked during the Plan period.

Opening of Veterinary College at Tirupathi :

The Andhra Veterinary College, was started during 1955-56 to meet the acute shortage of Veterinary Graduates due to implementation of various schemes under Five-Year Plans and the opening of a large number of development blocks. During Second Five-Year Plan, this institution was strengthened by appointing the required Gazetted and non-gazetted teaching and other staff, providing permanent buildings for the College, Hostel, etc. The College was also provided with a Dairy Unit and one Artificial Insemination Centre. 401 candidates were admitted into the College during the years 1956-61 and an expenditure of Rs. 43.81 lakhs was incurred on this scheme during the Plan period.

Opening of Minor Veterinary Dispensaries :

These institutions are generally started at the Block level and other important centres where veterinary aid is absolutely necessary and where contributions from the public or panchayats are forthcoming. Each Institution has one Veterinary Assistant Surgeon, one compounder and one peon. The Veterinary Assistant Surgeon tours in the area allotted to him for control of outbreaks of livestock epidemics and inspection of Livestock. During Second Plan 44 Minor Veterinary Dispensaries were opened at various important centres and an amount of Rs. 4.87 lakhs was spent as against a provision of Rs. 5.24 lakhs.

Reorganisation of Department as per Recommendation of Agriculture Personnel Committee.

With the implementation of the Plan schemes in the Animal Husbandry Sector the activities of the Department have increased alround justifying the need for providing adequate staff at all levels. With a view

to relieve the Director from the strain created by the numerous schemes executed under Five Year Plan, it was proposed to have one post of Joint Director for Extension and Planning. A provision of Rs. 50,000 was made and one Joint Director with necessary ministerial staff was appointed during the year 1960-61. As the appointments were made late in the year only a sum of Rs. 2,000 could be spent.

Improvements to the Serum Institute, Hyderabad.

Under this scheme, it was proposed to reorganise the Serum institute originally established by the erstwhile-Hyderabad state to cater to its needs in order to facilitate large scale production of biologicals required in the enlarged State of Andhra Pradesh. During the Plan period, buildings, equipments, staff and quarters for the staff were provided. The scheme was taken up for implementation from the year 1958-59 and a sum of Rs. 5.49 lakhs was spent on it during the Plan period.

Render Pest Eradication Scheme.

This work was taken up first during the year 1954 and all the Districts of the State were covered during the years 1956-57 and 1957-58. From 1958-59 follow up campaign was undertaken in all the Districts to protect the cattle that were left out during the main campaign and this was also completed by the end of the Plan period. Out of the revised Plan provision of Rs. 7.57 lakhs, a sum of Rs. 15.54 lakhs was utilised during the Plan period under the scheme.

Appointment of Compounders in Major Veterinary Institutions.

It was proposed to appoint veterinary compounders in Major Veterinary Dispensaries where there are no such posts at present and also veterinary institutions with heavy daily average attendance in order to assist veterinary Assistant surgeons in clerical as well as technical duties. A revised provision of Rs. 0.48 lakh was made in the Plan for the appointment of 35 compounders in the Veterinary institutions of the Andhra region during the Plan period. The targetted 35 Compounders were appointed during the last two years of the Plan. A sum

of Rs. 0.29 lakh was spent on this scheme during the Plan period.

Reorganisation and Strengthening of Veterinary Institutions:

Under this scheme, it was proposed to supply Deep Freeze cabinets to the District Headquarters hospitals and other major veterinary institutions to enable the stocking of necessary biological products for prompt supply in the Districts for the control of diseases. A sum of Rs. 0.80 lakh was spent on this scheme and 15 institutions were provided with cabinets.

Appointment of Disease Investigation Officer (Pigs):

In view of the increasing incidence of various types of diseases of pigs, one disease investigation officer (Pigs) was appointed in 1959-60 with the financial assistance of the I.C.A.R. and was continued during the subsequent year. An expenditure of Rs. 0.20 lakh was incurred during the Plan period.

*Construction of Hostel at Government Dairy Farm—
Visakhapatnam.*

Under this scheme, it was proposed to construct a hostel at Government Dairy Farm, Visakhapatnam with a view to provide accommodation to the students who visit the farm for educational purposes and towards this a provision of Rs. 0.71 lakh was made in the revised Plan for this scheme. The work was taken up during the year 1957-58 and was completed during the subsequent year. A sum of Rs. 0.70 lakh was spent during the Plan period.

Training of Compounders :

Under this scheme, it was proposed to train veterinary compounders for a period of 6 months for appointment in the veterinary institutions, development blocks etc. This scheme was implemented during the years 1958-59 and 1959-60 and six training centres were started at a total cost of Rs. 0.79 lakh and 600 persons were trained. During the last year of the Second Plan, no expenditure was incurred as the schemes designed to absorb candidates trained in these institutions were not approved by the Government of India.

Indian Council of Agricultural Research Schemes :

A sum of Rs. 0.75 lakh has been earmarked for the implementation of the following six schemes approved by the I. C. A. R. and they were sanctioned and implemented during the last year of Second Plan.

- (a) Poultry practices and production survey.
- (b) Pilot survey scheme (Sheep).
- (c) Study of milk yield at Vijayawada.
- (d) Appointment of Disease Investigation Officer (Ducks).
- (e) Meat technological study.
- (f) Assael breeding scheme.

The entire cost of the scheme was reimbursed by the I.C.A.R.

An amount of Rs. 1.25 lakhs was spent on the above schemes.

Centralised Semen collection Centres :

The scheme aims at centralising the collection, processing and supply of bull semen and organising its supply to the various artificial insemination sub-centres in the developmental blocks and departmental institutions. One centre was started at Visakhapatnam during the year 1960-61 and an expenditure of Rs. 0.94 lakh was incurred.

Appointment of Special Officer, Livestock Farm, Hyderabad :

A special officer was appointed in 1960-61 to explore the possibilities of starting Cattle-cum-Dairy farms near all important towns with a population of 50,000 and more. As a result of the studies under-taken by him, three Cattle-cum-Dairy Farms were established in 1960-61 and an expenditure of Rs. 0.13 lakh was incurred.

Cattle-cum-Dairy Farms :

In accordance with the Government's policy to establish Dairies in all important towns and cities having 50,000 and above human population with a view to supply

milk and also to produce breeding stock of various kinds of Livestock, two farms were started during 1960-61 one at Pedavegi in West Godavari District and another at Siddirampur in Anantapur District. The Farms are of composite type with provision for rearing and breeding of all species of livestock including cattle, sheep, pigs and poultry, etc.

An expenditure of Rs. 3.68 lakhs was incurred during the Plan period.

Development of cattle breeding societies.

The object of the scheme was to improve the breed of cattle through cattle breeding co-operative societies. It was proposed to develop 22 societies in the State. The scheme was, however, implemented in respect of one society only (at Chitvel in Cuddapah district) during 1957-58 and it was later dropped.

A sum of Rs. 0.03 lakh only could be spent under the scheme.

TELANGANA

Appointment of Regional Assistant Directors.

With a view to have effective supervision and speedy implementation of the Plan schemes, it was proposed to appoint two Assistant Directors in the Telangana Region during the Second Plan period. But only one Assistant Director was appointed at Nizamabad during 1959-60 incurring an expenditure of Rs. 0.22 lakh against the Plan provision of Rs. 0.60 lakhs.

Additional staff for Head office and District Officers.

To cope up with all round increase in work consequent on the implementation of a large number of Plan schemes, additional staff was appointed both at Head office and District veterinary offices during the years 1957-1960. A total expenditure of Rs. 1.21 lakhs was incurred against the provision of Rs. 1.83 lakhs.

Supply of Jeeps to District Veterinary Officers.

In order to enable the District Officers to tour extensively for effective implementation of Plan programme it was proposed to provide a quick transport to each

district veterinary officer and accordingly 9 Jeeps were supplied during the years 1957-61. An expenditure of Rs. 1.73 lakhs was incurred on this scheme during the Plan period.

Establishment of Wool Technological Laboratory—Rajendranagar :

With a view to developing the sheep and wool industry by well organised programmes of breeding, feeding and management of sheep, a wool technological laboratory was established at Rajendranagar during 1958-59. A sum of Rs. 2.03 lakhs was spent on this scheme during the Plan period against the Plan provision of Rs. 2.21 lakhs.

Central Poultry Farm, Hyderabad.

With a view to inducing the ryots to take up poultry farming on modern lines, one Central Poultry Farm was established at Hyderabad during 1957-58. A sum of Rs. 1.88 lakhs was spent on this scheme during the Second Plan period.

Poultry Extension Centres.

These centres were intended for rearing exotic day old chicks upto 5 months and distribute them in selected areas, thus improving and popularising poultry farming. Accordingly 5 Poultry and one Duck extension centres were established during 1957-60. During the year 1960-61, 3 more centres were started at Warangal, Rajendranagar (Hyderabad) and Dichpalli (Nizamabad). An expenditure of Rs. 3.97 lakhs was incurred on this scheme during the Plan period against the Plan provision of Rs. 4.25 lakhs.

Key Village Scheme.

Under this scheme, which envisages around development of cattle *i.e.*, breeding by artificial insemination method, disease control, castration of scrub bulls, development of fodder, etc., 7 Key Village Centres and 3 urban artificial insemination centres were established during the Plan period incurring an expenditure of Rs. 7.12 lakhs.

Goshala Development.

With a view to promoting livestock improvement, it was proposed to provide financial assistance to private

Goshalas by way of supply of pure breed cows, payment of maintenance grants, etc. A sum of Rs. 0.80 lakh was spent on this scheme during the Plan period against the Plan provision of Rs. 1.05 lakhs.

Establishment of District Poultry Farm.

To meet the increased demand for exotic birds and eggs, 3 Farms were started at Karimnagar, Mahboobnagar and Patancheru (Medak) incurring an expenditure of Rs. 0.91 lakh during the Plan period against the Plan provision of Rs. 1.68 lakhs.

Rehabilitation of Nomadic Cattle Breeders.

With a view to rehabilitating Nomadic Cattle breeders for preventing spread of contagious diseases of cattle and also to encourage them to rear better types of cattle, it was proposed to start veterinary First Aid Centres and also to distribute pure breeding bulls free of cost. Accordingly, 2 Veterinary First Aid Centres were started, one in Warangal District and the other in Adilabad District. 8 breeding bulls were supplied free of cost in these areas together with a monthly subsidy of Rs. 15 p.m. to each custodian. An expenditure of Rs. 0.14 lakh was incurred on this scheme during the Plan-period against the Plan provision of Rs. 0.25 lakh.

Strengthening of Sheep Breeding Farm, Mahboobnagar.

With a view to upgrading the local inferior stock of sheep, the Sheep Breeding Farm at Mahbubnagar was selected for providing better type of rams and supply them to the people. During the year 1959-60 this farm was re-organised by providing facilities like additional buildings, livestock, etc. A sum of Rs. 0.48 lakh was spent on this scheme during the Second Plan period against the Plan provision of Rs. 1.30 lakhs.

Sheep and Wool Extension Centres.

With a view to demonstrating modern methods of breeding and feeding of sheep and cattle, 8 centres were established, 4 in Karimnagar District, 2 in Medak District and 2 in Mahboobnagar District during 1957-59. One supervisory Unit was also established at Siddipet

(Medak). Under this scheme, 50 stud rams of improved breeds and stationed at the centres for upgrading the local stock and regular de-worming and de-ticking of sheep is also undertaken by the staff. During 1960-61, 6 more new Centres were established at Warangal, Jangaon, Dharwada, Chavella and Narsapur. A sum of Rs. 3.04 lakhs was spent on this scheme during the Plan period against the Plan provision of Rs. 3.00 lakhs.

District and State Cattle Shows.

In order to create enthusiasm among the cattle breeders and to educate them in scientific breeding, feeding and management of cattle it was proposed to conduct State, district and one-day cattle shows. Accordingly, 40 shows were held at various important places by the end of 1960-61. The total expenditure on this scheme amounted to Rs. 0.56 lakh during the Plan period.

Distribution of male breeding Stock.

Under this scheme, 89 breeding bulls, 135 rams and 55 cocks were distributed by the end of 1959-60. During 1960-61, 153 breeding bulls of Malvi, Ongole and Murrah breeds, 400 rams, 20 boars and 1500 birds were distributed. A sum of Rs. 2.58 lakhs was spent during the Plan period against the Plan provision of Rs. 2.56 lakhs.

Fascioliasis in Raminant Pocharam Tank Area, Medak.

For the eradication of liver fluke infection, the scheme was launched with the financial assistance of the I.C.A.R. Against the Second Plan provision of Rs. 0.77 lakh a sum of Rs. 0.76 lakh was spent.

Training of Boys in Poultry and Duck rearing.

With a view to popularising poultry farming and duck rearing-a training scheme was launched and 65 persons belonging to scheduled castes and backward classes were given training during the plan period and an expenditure of Rs.0.22 lakh was incurred on this scheme.

Scheme for Poultry Development under the Expanded Nutrition Programme.

This scheme envisages the establishment of Regional Poultry Units in the First stage and starting of village

poultry units in the Community Development Blocks. 2 Regional Poultry Farms, one at Saroornagar (Hyderabad) and the other at Pattancheru (Medak), were established in 1960-61. An expenditure of only Rs. 0.84 lakh was incurred on this scheme against the Plan provision of Rs. 2.62 lakhs due to late sanction of the scheme.

Scheme for popularising Day-Old Chicks.

This scheme was launched to supply day-old-chicks, reared by the method of artificial incubation and necessary breeding equipment on 50% subsidised basis. The entire provision of Rs. 0.05 lakh was spent during the Plan period.

Re-organisation of Serum Institute.

With a view to meet the requirements of biologicals of the enlarged Andhra Pradesh State, it was proposed to step up production and reorganise the Serum Institute at Hyderabad. Certain improvements such as additional staff, supply equipments, etc., were made to the Institute. A sum of Rs. 0.50 lakh was spent on this scheme during the Plan period.

Opening of Clinical Laboratories.

With the object of ensuring proper and timely diagnosis of diseases, it was proposed to establish one clinical laboratory in the Headquarters hospital of each district. Accordingly, 3 Laboratories were established, one each at Warangal, Sangareddy, and Mahboobnagar. A sum of Rs. 0.38 lakh was spent on this scheme during the Plan period against the Plan provision of Rs. 0.70 lakh.

Buildings for Veterinary Hospitals.

Under the scheme, 12 Institutions were provided with permanent buildings by the end of 1959-60. A provision of Rs. 1.00 lakh was made in the plan for 1960-61 and 7 more buildings were taken up at Alampur, Dharpalli, Bhongir, Parkal, Jamikunta, Narayanpet and Nizamabad. A sum of Rs. 2.85 lakhs was spent during the Plan period against the Plan provision of Rs. 2.21 lakhs.

Reorganisation of Veterinary Institutions.

With a view to providing facilities for effective treatment of cases, one isolation ward and one Dog ward were provided at Veterinary Hospital, Seetharampet (Hyderabad), and 3 Deep-Freeze cabinets were supplied to 3 Headquarters hospitals for keeping the specimens and timely distribution to the field staff. A sum of Rs. 0.48 lakh was spent during the Plan period against the Plan provision of Rs. 1.00 lakh.

Stationary Veterinary Dispensaries.

In order to make veterinary aid available to the ailing cattle easily and treat them regularly it was proposed to establish 23 S.V. Ds. during the Second-Plan period. Each Institute will be provided with one Veterinary Assistant Surgeon assisted by two attendars. Only 19 Dispensaries were started during Plan period incurring an expenditure of Rs. 2.78 lakhs against the Plan provision of Rs. 2.63 lakhs.

Minor Veterinary Dispensaries.

In order to provide for more effective control of contagious disease and also to render prompt veterinary aid to ailing cattle it was proposed to start Minor Veterinary Dispensaries in Block Headquarters and other important centres in the Telangana Region. Accordingly 50 Minor Veterinary Dispensaries were started at Block Headquarters and other important centres during the Plan period, incurring an expenditure of Rs. 3.88 lakhs against the Plan provision of Rs. 4.59 lakhs.

Veterinary First Aid Centres.

In view of the shortage of Veterinary graduates, it was proposed to start (Class I) Veterinary First Aid Centres at firka level with one Veterinary Compounder assisted by one attendant to attend to the cases etc. The compounder also tours the adjacent villages within a radius of five miles to provide Veterinary aid. 32 Veterinary First Aid Centres were started in the Telangana Region during the Plan period, incurring a total expenditure of Rs. 0.46 lakh.

Medicines and Equipments.

As the average attendance of animals in the Veterinary Institution is on the increase, it was proposed to augment the supply of medicines and equipment to the Institutions to meet the requirements and a sum of Rs. 2.98 lakhs was spent on this scheme during the Plan period.

Veterinary and Livestock Inspectors Course —Rajendranagar (Hyderabad.).

The object of this scheme is to train candidates in two batches imparting basic knowledge in Veterinary Science and Animal Husbandry. One School of Veterinary science and Animal Husbandry was started during 1955-56 with the assistance of Government of India. 308 Candidates received training during the Plan period and a sum of Rs. 4.18 lakhs was spent on this scheme.

Provision for I.C.A.R. Schemes.

(a) *Investigations into cheap and durable poultry houses.*—Under this scheme, it was proposed to study the effects of different kinds of cheap poultry houses constructed with the locally available materials. The Scheme was taken up for implementation in 1960-61 only, and a sum of Rs. 0.02 lakh was spent.

(b) *Broiler Scheme, Rajendranagar.*—The object of the Scheme is to investigate into the advantages of Broiler production in large units with cheap rations composed mostly of by-products of agricultural and industrial wastes with a view to economise the feeding cost and to supply poultry meat at fair prices to the public. This scheme was implemented at Cattle Breeding Farm, Rajendranagar in 1960-61 and an expenditure of Rs. 0.10 lakh was incurred.

Rinderpest Eradication Scheme.

The work of eradicating rinderpest was completed in 6 Districts by the end of 1959-60. During the year 1960-61, the rinderpest campaign was launched in the remaining 3 districts also *i.e.*, Nizamabad, Medak and Hyderabad. 6 Check posts were also established to control inter-State cattle movement and to protect all

stock going out and entering the State. A sum of Rs. 15.50 lakhs was spent on this scheme during the Plan period.

Training of Veterinary compounders.

Under this scheme it was proposed to train candidates for 6 months in Veterinary Compounders Courses for appointment in the Veterinary Institutions, Blocks, etc., and 340 candidates were trained till 1959-60. The scheme was, however, dropped from the Plan in 1960-61 on account of the non-implementation of schemes designed to absorb the trainees. An expenditure of Rs. 0.51 lakh was incurred on this scheme during the Plan period.

Appointment of compounders in major veterinary institutions.

Under this scheme it was proposed to appoint Compounders in all Major Veterinary Dispensaries where there is heavy daily average attendance in the Telangana Region. 22 Compounders were appointed during the Plan period at a cost of Rs. 0.13 lakh.

Cross Breeding of Cattle with Foreign Breeds.

This scheme, which was implemented during 1958-59 is designed to increase milk yield by infusion of foreign blood with a view to improving local breeds. A sum of Rs. 0.96 lakh was spent on this scheme during the Plan period.

Biological Control of Fascioliasis at Banswada.

This scheme envisages control of liverfluke disease prevalent in the irrigation canal area of Nizamsagar through biological control using scientific methods. A sum of Rs. 1.02 lakhs was spent on this scheme during the Plan period.

Establishment of Centralised Semen Collection Centres.

There was a provision of Rs. 0.13 lakh in the schematic budget of each of the stage I Blocks towards the starting of artificial insemination centres. This provision was considered to be insufficient for the purpose and hence it was proposed to centralise the collection and

processing of semen at a convenient centre and from there to organise uninterrupted supplies of semen and sterilised equipment to a network of artificial insemination institutions. Accordingly one serum Bank (Centralised Semen collection centre) was started at Seetharampet (Hyderabad) during 1960-61, incurring an expenditure of Rs. 0.88 lakh.

Establishment of Cattle-cum-Dairing Farm-Narasampet.

It was proposed to establish cattle-cum-dairy farm in urban areas of the State with a view to meet the demand for milk and also to produce pure-bred breeding bulls required in the district. Accordingly one farm was established at Narasampet (Warangal) in 1960-61, incurring an expenditure of Rs. 2.30 lakhs.

Financial Targets and Achievements.

Srl. No.	Name of the Scheme.	Second Plan Provision		Expenditure incurred in					Total expen- diture
		Original.	Revised.	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA.									
1.	Key Village Scheme ..	40.00	28.40	..	1.25	5.80	8.82	7.75	23.62
2.	Free Distribution of male breeding stock.	2.00	1.10	..	0.10	1.00	..	..	1.10
3.	Piggery Development ..	6.00	2.67	..	..	0.37	0.83	1.12	2.32
4.	Opening of Goat Breed- ing Farm.	1.00	1.43	..	..	0.38	0.34	0.62	1.34
5.	Supply of White Breed- ing Bulls.	3.50	3.54	..	0.49	0.95	0.77	1.06	3.27
6.	Supply of Buffaloes Breeding Bulls.	3.30	3.25	..	0.20	0.80	1.52	1.00	3.52
7.	Supply of Male Goats ..	0.40	0.14	..	..	0.04	..	..	0.04
8.	Supply of Female Goats	0.70	0.12	..	0.02	..	..	..	0.02
9.	Supply of Boars ..	0.50	0.39	..	0.05	0.03	0.17	0.04	0.29
10.	Supply of Sows ..	0.20	0.19	..	0.01	..	0.16	0.01	0.18
11.	Supply of Rams ..	0.20	0.60	..	0.01	0.43	0.15	..	0.59
12.	Supply of Ewes ..	1.00	0.07	..	0.07	..	..	..	0.07
13.	Supply of Exotic Cocks	0.55	0.63	..	0.19	0.20	0.19	0.15	0.64
14.	Supply of Exotic Hens	0.55	0.40	..	0.07	..	0.18	0.10	0.35
15.	Supply of Eggs ..	0.20	0.10	..	..	..	0.06	0.03	0.09
16.	Goshala Development..	5.40	2.27	..	0.66	0.03	0.42	0.35	1.46
17.	Establishment of Gosadan.	1.00	0.64	..	0.15	0.24	0.12	0.02	0.53
18.	Opening of Wool Demo- stration Units.	2.00	1.36	..	..	..	0.49	0.40	0.89
19.	Opening of Sheep Farm	2.00	2.11	..	..	0.20	0.64	0.96	1.80
20.	Central Poultry Rese- arch Station.	1.50	1.50	..	..	..	0.29	0.90	1.19
21.	Additional staff for Head office & District Offices.	1.50	1.90	..	..	0.05	0.33	0.60	0.98

Sri. No.	Name of the Scheme.	Financial Targets and Achievements.							Total Expen- diture.
		Second Plan Provision.		Expenditure incurred in.					
		Original.	Revised.	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
22.	Opening of District Poultry Farms ..	1.00	2.10	..	..	..	0.39	1.27	1.66
28.	Poultry Extension Centres ..	10.00	7.88	..	0.96	3.19	2.40	1.94	8.49
24.	Opening of Bee Demonstration Units ..	0.20	0.01	0.01	..	..	..	..	0.01
25.	Rehabilitation of Nomadic Cattle Breeders.	0.60	0.72	..	..	..	0.03	0.07	0.10
26.	District & State Cattle Shows. ..	1.00	0.82	..	0.05	0.28	0.29	0.21	0.78
27.	Additional Staff and improvements to Govt. Livestock Farms, Mahanandi. ..	0.95	1.67	..	..	0.04	0.26	1.52	1.82
28.	Appointment of Regional Asst. Directors .	2.00	0.97	..	..	..	0.05	0.12	0.17
29.	Supply of Jeeps to Dist. Vety. officers ..	4.00	2.18	..	..	0.47	0.78	1.11	2.81
30.	Sheep and Wool Extension Centres ..	2.00	1.77	..	..	..	0.97	0.79	1.76
31.	Poultry Development under Expanded Nutrition programme. ..	..	2.40	..	..	..	..	0.97	0.97
32.	Improvement of Govt. Livestock Farm, Banawasi. ..	..	1.70	..	..	0.50	0.87	0.41	1.78
33.	Cattle Sterility scheme .	..	0.16	..	..	..	..	..	..
34.	Improvements to Govt. Livestock Farms, Chintaladevi. ..	4.00	1.90	..	0.01	0.40	0.77	0.94	2.12
35.	Improvement to Govt. Livestock Farm, Lam, Guntur ..	3.00	3.27	..	..	..	0.32	0.96	1.28
36.	Reorganisation of Govt. Livestock Farm, Palamaner ..	3.25	3.39	..	0.14	0.20	1.50	1.40	3.24

Item.	Unit	Physical Targets and Achievements.						Total Achieve- ment during 1956-61.	
		Target for 2nd plan period (Revised)	Achievements during.						
			1956-57	1957-58	1959-60	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Poultry Farms Opened	No.	3	..	..	..	2	2	4
Poultry Centres Opened.	..	16	..	8	4	4	1	17	
Demonstration units Opened.	..	2	2	..	..	..	..	2
First Aid Centres opened.	..	14	..	..	..	2	..	2
Supply of Bulls. ...	..	14	..	..	..	14	..	14
Cattle Shows. ...	..	300	..	5	14	52	23	94
				No Specific targets.					
				Staff Scheme.					
Supply of Jeeps.	..	12	..	..	3	4	5	12
Sheep Centres Started.	..	8	..	..	..	8	..	8
Regional Farms opened.	..	2	..	..	..	..	2	2
				No Specific Targets.					
				Not implemented.					
				No Specific Targets.					
				do					
				do.					
				do.					

Sri. No.	Name of the Scheme	Financial Targets and Achievements.							Total expendi- ture.
		Second Plan Provision		expenditure incurred in .					
		Original.	Revised.	1956-57	1957-58	1958-59	1959-60	1960 1	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
37.	Additional Staff to Govt. Livestock farm, Chintaladevi. ..	0.20	0.11	..	..	0.08	0.04	0.05	0.12
38.	Cattle Cum Dairy Farm, Kakinada. ..	..	10.92	..	..	..	2.15	8.62	5.77
39.	Veterinary & Livestock Inspector course Vizag. ..	5.00	4.98	0.77	1.77	0.79	0.70	0.84	4.87
40.	Improvements to Ranikhet Disease Vaccine Lab. ..	0.05	0.05	0.05	..	..	..	..	0.05
41.	Opening of Clinical Laboratories. ..	1.50	2.41	0.17	0.19	0.46	0.52	0.70	2.04
42.	Opening of Touring Billets. ..	4.00	1.65	..	0.01	0.21	0.48	0.66	1.31
43.	Opening of First Aid centre. ..	3.00	2.29	..	..	0.25	0.76	1.09	2.10
44.	Opening of Vety. Dispensaries. ..	5.68	1.84	..	0.08	0.27	0.61	0.74	1.65
45.	Construction of Buildings for Vety. Institution. ..	..	1.00	..	..	..	..	0.14	0.14
46.	Opening of Vety. College at Tirupathi. ..	40.00	39.17	5.85	2.66	7.44	14.28	13.58	43.81
47.	Opening of Minor Vety. Dispensaries. ..	14.00	5.24	..	0.01	1.13	1.59	2.14	4.87
48.	Reorganisation of the Department as per recommendations of Agriculture Personnel Comm ittee. ..	0.50	..	..	..	..	..	0.02	0.02
49.	Survey & Training programme in connection with the Third Five Year Plan. ..	0.90	..	..	..	..	..	..	..
50.	Improvement to Serum Institute, Hyderabad..	..	7.69	..	..	0.81	1.51	8.17	5.49

VIII (Contd.)
HUSBANDRY

(Rupees in lakhs.)

<i>Physical Targets and Achievements.</i>								
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd plan period. (Revised)</i>	<i>Achievements during</i>				<i>Total Achievement during 1956-61</i>	
			1956-57	1957-58	1958-59	1959-60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Staff scheme.
Cattle farm opened.	..	No	1	..	..	..	1	Continuance 1
Admission of students.	..	No	550	100	100	120	80	50 450
No Specific Targets.								
Laboratories.	11	5	..	..	3	2 10
Teuring Billets opened.	..	No	15	..	3	5	6	continuance 15
First Aid Centres opened.	..	No	81	..	..	16	43	12 71
Vety. Dispensaries opened.	..	No.	28	..	5	1	10	.. 16
Buildings Constructed.	..	No.	7	..	..	..	..	7 7
Admission of students.	458	66	80	80	80	95 401
Minor Vety. Dispensaries started.	..	No.	50	..	3	17	10	14 44
Staff Scheme

Not Implemented

No. Specific Targets

Disto. to be Covered No. 655 follow up

Srl. No.	Name of the Scheme.	Financial Targets and Achievements.							Total expenditure.
		Second Plan Provision.		expenditure incurred in					
		Original Revised.	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
51.	Rinderpest Eradication Scheme. . .	11.00	7.57	2.62	2.85	5.81	1.50	2.76	15.54
52.	Appointment of Compounders in Major Vety Institutions. . .	..	0.48	..	..	0.04	0.08	0.17	0.29
53.	Reorganisation and Strengthening of Vety Institutions. . .	..	0.08	..	..	..	..	0.80	0.80
54.	Appointment of Disease Investigation Officer, (Pigs). . .	..	0.06	..	..	..	0.11	0.09	0.20
55.	Construction of Hostel at Govt. Dairy Farm, Vizag . . .	0.50	0.71	..	0.25	0.46	..	(-)0.01	0.70
56.	Training of Compounders. . .	..	1.63	..	..	0.85	0.44	..	0.79
57.	<i>I.C.A.R. Schemes.</i>								
	(a) Poultry Practices & Production, Vijayawada. . .	..	..	..	..	..	..	0.50	0.50
	(b) Pilot Survey Scheme, (Sheep) Nellore. . .	..	..	..	..	..	..	0.12	0.12
	(c) Study of Milk Yield, Vijayawada. . .	..	..	..	..	..	..	0.86	0.86
	(d) Appointment of Disease Investigation Officer (Ducks). . .	..	0.75	..	..	..	..	0.07	0.07
	(e) Meat Technological Study. . .	..	..	..	..	..	..	0.05	0.05
	(f) Aseel Breed Scheme. . .	..	..	..	..	..	..	0.15	0.15
58.	Centralised Semen Collection Centres. . .	..	..	..	..	..	..	0.94	9.94

STATEMENT
ANIMAL

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
75.	Supply of Poultry ..	1.25	..	..	..	..	..	..	..	..
76.	Supply of Sheep and Goat ..	1.26	..	..	..	..	..	..	..	..
77.	Scheme for the starting of a Biological Institute ..	12.00	..	..	..	..	..	..	..	..
78.	Appointment of One Lower Division Clerk in Major Veterinary Institutes ..	0.25	..	..	..	..	..	..	..	..
Total for Andhra ..		251.79	169.08	9.47	12.14	33.60	48.78	68.38	167.37	

TELANGANA

1.	Appointment of Regional Asst. Directors ..	1.50	0.60	..	..	..	0.01	0.21	0.22	
2.	Addl. staff for Head Office & Dist. Offices ..	2.50	1.83	..	0.03	0.40	0.35	0.45	21	
3.	Supply of Jeeps to Dist. Veterinary Officers ..	2.90	1.75	..	0.25	0.23	0.27	0.98	1.73	
4.	Establishment of Wool Technological Laboratory, Rajendranagar ..	1.50	2.21	..	..	0.75	0.23	1.05	2.08	
5.	Appointment of Statistician ..	0.45	0.24	..	..	..	..	..	..
6.	Central Poultry Farm, Hyderabad ..	2.50	2.39	..	0.15	0.54	0.35	0.84	1.88	
7.	Poultry Extension Centres ..	3.88	4.25	..	0.27	0.90	1.07	1.73	3.97	
8.	Key Village Scheme ..	16.80	7.45	..	0.20	1.51	3.18	2.23	7.12	
9.	Goshala Development ..	2.10	1.05	..	0.44	0.09	0.18	0.09	0.80	
10.	Establishment of Dist. Poultry Farms ..	..	1.63	..	..	..	0.25	0.66	0.91	
11.	Rehabilitation of Nomadic Cattle Breeders ..	1.61	0.25	..	..	..	..	0.14	0.14	

II—(Contd.)
 USBANDRY

Rup ees in lakhs.

Physical Targets and Achievements

Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61	
			1956-57	1957-58	1958-59	1959-60	1960-61		
11	12	13	12	15	16	17	18	19	
	Not Implemented					..	..
	do.					..	..
	do.					..	..
	do.					..	..

Staff Scheme

	do.				
Keeps Supplied	No.	9	2	1	1		5	9	
Laboratory Started	No.	1	..	1	..		..	1
Not Implemented									
Poultry Farm opened	No.	1	..	1	..	..	..	1
Poultry Extension Centres opened	No.	8	..	2	2	2	3	9	
Mat Village Centres opened	No.	0	..	2	3	2	..	7	
Bahals opened	No.	8	..	4	..	2	..	6	
Poultry Farms Started	No.	3	..	..	..	2	1	3
First Aid Centres Started	No.	2	..	..	..	..	2	2
Supply of Bulls	No.	20	..	..	..		8	8

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57-	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
12.	Strengthening of Sheep breeding Farm, Mahabubnagar .. ..	..	1.80	..	..	..	0.11	0.37	0.48
13.	Sheep & Wool Extension Centres	3.82	3.00	..	0.26	0.75	0.48	1.55	3.04	
14.	District & State Cattle Shows	1.77	0.55	..	0.04	0.16	0.19	0.177	0.5	
15.	Distribution of Male breeding stock	1.50	2.56	..	..	0.56	0.55	1.477	2.5
16.	Fascioliasis in Ruminant in Pocharam Tank Area Medak	1.16	0.77	..	..	0.17	0.31	0.283	0.7
17.	Training of Boys in Poultry & Duck rearing	0.35	0.21	..	0.01	0.21	..	..	0.4
18.	Scheme for Poultry Development under expanded Nutrition Programme .. ..	..	2.62	..	..	..	..	0.84	0.8
19.	Survey & Training Programme in connection with Third Plan .. ..	..	0.50	..	..	..	..	..	..
20.	Scheme for popularising one day old Chicks .. ..	..	0.05	..	..	..	..	0.05	0.0
21.	Reorganisation of Serum Institute .. ..	..	0.50	..	..	0.04	0.21	0.25	0.5
22.	Opening of Clinical Laboratories .. ..	..	0.70	..	..	..	0.08	0.80	0.8
23.	Buildings for Veterinary Hospitals .. ..	..	2.21	..	0.04	0.70	1.02	1.09	2.8
24.	Reorganisation of Veterinary Institutions.	1.00	1.00	..	..	..	..	0.48	0.4
25.	Stationary Veterinary Dispensaries	2.77	2.63	..	0.10	0.70	1.02	0.96	2.4	
26.	Minor Veterinary Dispensaries	3.20	4.59	..	0.08	0.71	0.98	2.11	3.8	

Physical Targets and Achievements								
Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
11	12	13	14	15	16	17	18	19
No Specific targets								
Sheep Centres Started	.. No.	16	..	4	4	..	6	14
Cattle shows Conducted	.. No.	28	..	1	10	10	19	40
Breeding Bulls	.. No.	180	..	58	..	31	153	242
rams	.. No.	..	..	..	135	..	400	585
hears	.. No.	..	..	..	..	20	..	20
locks	.. No.	..	..	..	55	..	..	55
birds	.. No.	..	..	..	..	..	1,500	1,500
No Specific targets								
Cows Trained	.. No.	35	..	30	35	..	..	65
Regional Farms Started	.. No.	2	..	..	..	..	2	2
Not Implemented.								
No Specific Targets.								
Do								
Medical Laboratories started	No.	3	..	..	..	1	2	3
Buildings Constructed	.. No.	19	..	2	6	4	7	19
Hospitals Strengthened	.. No.	8	..	..	..	..	4	4
Dispensaries Opened	.. No.	23	..	8	7	4	Continuance	19
Minor Veterinary Dispensaries opened	.. No.	35	..	11	9	10	20	50

STATEMENT
ANIMAL

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
1	2	3	4	5	6	7	8	9	10
27.	Veterinary First Aid Centres .. ..	..	0.68	..	..	..	0.09	0.37	0.40
28.	Medicines & Equipment.	2.43	2.73	0.05	0.37	1.17	0.64	0.75	2.98
29.	Veterinary & Livestock Inspectors' Course, Rajendranagar, Hyderabad	3.50	3.51	..	0.76	1.39	1.04	0.99	4.18
30.	Provision for I.C.A.R. Schemes :								
	(a) Investigation into Cheap & Durable Poultry houses .. ..	..	0.25	..	..	..	..	0.02	0.02
	(b) Brioler Scheme, Rajendranagar .. ..	..	0.50	..	..	..	..	0.10	0.10
31.	Appointment of Propaganda Officer ..	2.00	0.50	..	..	..	..	..	..
32.	Rinderpest Eradication Scheme	7.85	15.58	..	1.57	0.74	6.56	6.68	15.50
33.	Training of Veterinary Compounders .. ..	..	1.21	..	0.05	0.21	0.25	..	0.51
34.	Appointment of Compounders in Major Veterinary Dispensaries .. ..	..	0.17	..	..	..	..	0.13	0.13
35.	Cross Breeding of Cattle with Foreign Breed .. ..	..	0.85	..	..	0.41	0.29	0.26	0.96
36.	Biological Control of Fascioliasis at Banswada. .. ..	..	0.77	..	..	..	0.67	0.35	1.02
37.	Establishment of Centralised Semen Collection Centres .. ..	..	..	..	..	..	..	0.88	0.88
38.	Establishment of Cattle-cum-Dairy-Farm, Narasampet .. ..	..	..	..	..	..	..	2.80	2.80
39.	Training of Stock Men. 0.40	0.40	..	..	..	..	..	..	..
40.	Advanced Training of Officers in specialised subjects. 0.58	0.58	..	..	..	..	..	..	..

Physical Targets and Achievements								
Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
11	12	13	14	15	16	17	18	19
Maternity Aid Centres started	.. No.	22	..	..	..	7	25	32
			No Specific Targets.					
Admission of Students	.. No.	300	..	78	100	80	50	308
			No Specific Targets					
			No Specific Targets					
			Staff Scheme					
District Covered..	.. No.	9	..	2	..	4	3	9
Training of Compounders	.. No.	500	..	40	130	170	..	340
Appointment of Compounders	No.	22	..	..	..	..	22	22
Staff Scheme	..	..	..	..	..	..	..	..
			Research Scheme					
Semen Centres opened	.. No.	1	..	..	..	..	1	1
Farm Opened	.. No.	1	..	..	..	..	1	1
			Not Implemented					
			..					
			..					

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in					1960-61	
		Original	Revised	1956-57	1957-58	1958-59	1959-60			
1	2	3	4	5	6	7	8	9	10	
41.	Reorganisation of existing Dairy farms.	2.10	..	..	..	..	..	..	..	..
42.	Livestock Research.	5.00	..	..	..	..	..	..	..	..
43.	Establishment of Gosadhan.	1.00	..	..	..	..	..	..	..	..
44.	Reorganisation of Biological and Research Station.	2.50	..	..	..	..	..	..	..	..
45.	Other Schemes.	1.54	..	..	..	..	..	..	..	..
46.	Building for Farms and Hospitals :	6.80	..	..	..	..	..	..	..	..
Total for Telangana]		86.01	73.60	0.05	4.62	12.34	20.88	31.06	68.45	
Total for Andhra Pradesh.		837.80	242.68	9.52	16.76	45.94	60.16	94.44	285.82	

II--(Contd).

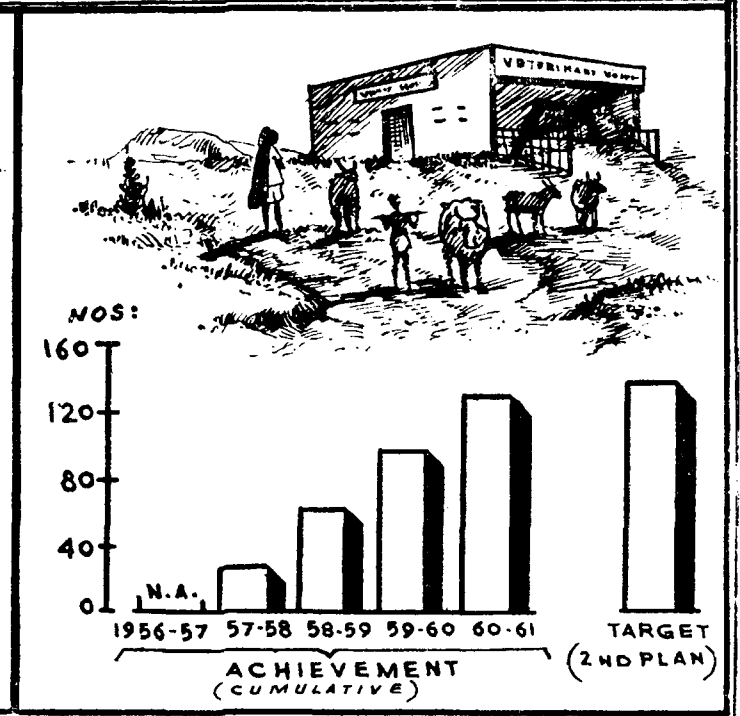
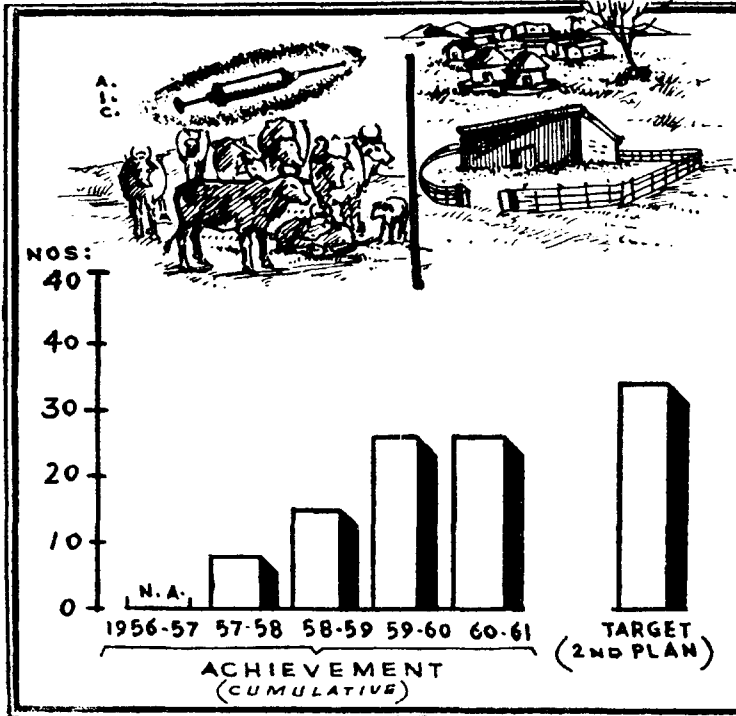
(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>									
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>Achievements during</i>				<i>Total Achievement during 1956-61</i>		
			1956-57	1957-58	1958-59	1959-60		1960-61	
11	12	13	14	15	16	17	18	19	
..			Not Implemented.						
..				..					
..				..					
..				..					
..				..					
..				..					

Animal Husbandry

KEY VILLAGE CENTRES OPENED

VETERINARY DISPENSARIES OPENED



CHAPTER IX.

Dairying and Milk Supply.

In the development plan for 1956-61, a sum of Rs. 80.15 lakhs was provided for the implementation of seven schemes designed to improve the supply of pure milk at rates reasonable to both the milk producer and the consumer. But, during the course of the Plan, 3 schemes involving an outlay of Rs. 13.40 lakhs were either dropped or deferred while provision in respect of the remaining three schemes was reduced by about Rs. 19.37 lakhs on the basis of their performance and requirements. On the other hand, 4 new schemes costing Rs. 7.44 lakhs were included in the Plan. Thus, the revised provision for the schemes under this development head was of the order of Rs. 54.82 lakhs as detailed below.

			(Rs. in lakhs).
1.	Original Provision	.. ..	80.15
2.	Provision of 3 schemes either deferred or dropped.		—13.40
3.	Reduction in provision	.. ..	—19.37
4.	Provision of new schemes included		7.44
Total ..			<hr/> 54.82 <hr/>

However, only 5 schemes were implemented during the Plan period and on these schemes, a sum of Rs. 34.42 lakhs—Rs. 17.76 lakhs on 3 schemes in the Andhra Region and Rs. 16.66 lakhs on 2 schemes in the Telangana Region—was spent till the end of March 1961.

An account of the progress made in respect of each of these schemes is given below.

A N D H R A

Improvements to Government Dairy Farm, Visakhapatnam :

A sum of Rs. 10.00 lakhs was allotted for this scheme in the Plan for 1956-61 for expenditure on the improvements to the Dairy-cum-Bull Farm at Visakhapatnam with a view to increasing the milk production in the farm to 5,000 lbs per day for supply to the public and other institutions in Visakhapatnam. This provision was subsequently reduced to Rs. 7.59 lakhs and against this a sum of Rs. 7.44 lakhs was spent till the end of March 1961. During the period under review, improvement such as addition of milk stock, dairy equipment including H.T.S.C. Plant, agricultural implements including one tractor, construction of buildings including milking staff etc., was made besides the appointment of additional staff and upgrading the post of the Farm Superintendent.

Integrated Milk Supply Scheme, Vijayawada :—

Under this scheme, it was proposed to establish a milk processing and products factory at Vijayawada to produce milk powder, butter, ghee and to supply milk to Hyderabad where a milk Processing Plant owned and operated by Government will produce the heat treated milk for distribution in bulk and in bottles. The first phase of the scheme will be implemented from 1963 and the U.N.I.C.-E.F. have agreed to provide equipment worth Rs.76.00 lakhs. Government have established a separate organisation under the Project Administrator to implement this scheme. Besides, the Government have also taken up the pilot milk supply scheme at Hyderabad with a view to gaining some experience in the collection, transportation, distribution of milk. The pilot scheme also envisages the conduct of a survey of villages within radius of 30 miles from Hyderabad and Vijayawada. Accordingly the pilot scheme was taken up for implementation during 1959-60, and during the period ended March 1961, a sum of Rs. 6.12 lakhs was spent on this scheme against the revised allotment of Rs. 16.00 lakhs.

Intensive Milk Supply Scheme :

Under this scheme it was proposed to establish medium sized dairy plants (Pasteurization Plants) by milk supply co-operative unions in important municipal

towns with a daily production capacity of 12,000 lbs of milk in each unit. A similar scheme was implemented during the First Plan period in Kurmool and Guntur towns. During the Second Plan, it was proposed to implement the scheme in Nellore and Chittoor towns and towards this, a sum of Rs. 19.00 lakhs was originally provided in the Plan for 1956-61. The scheme relating to Nellore town was taken up only during 1958-59. A suitable site for locating the plant was acquired and arrangements are in progress for the construction of building and installation of dairy plant. The scheme could not, as programmed, be completed in 1960-61 on account of delay in the completion of the buildings under construction and non-finalisation of tenders by the C.S.P.D. for the purchase of plant and machinery. During 1959-60, the scheme was proposed to be implemented in Chittoor town also but owing to some administrative difficulties, it was deferred to 1960-61. On account of delayed sanction, only a beginning could be made in 1960-61 by purchasing a suitable site.

In addition, financial assistance was sanctioned to the milk co-operative unions at Kurnool, Guntur, Visakhapatnam, Hindupur and Kalakhasthi to develop their business. In all, a sum of Rs. 4.20 lakhs was spent on this scheme till the end of March 1961.

T E L A N G A N A

Reorganisation of Existing Dairy Farms :

This is one of the new schemes included in the Plan. A sum of Rs. 6.54 lakhs was provided for this scheme for re-organising the existing Government cattle breeding and dairy farms at Rajendranagar and Karimnagar by providing additional milch animals and equipment for the efficient functioning of the farms. As programmed the two farms were re-organised during the years 1958-59 and 1959-60 by the provision of additional livestock, equipment, buildings etc. The expenditure booked on this scheme during the period under review amounted to Rs. 8.77 lakhs.

Integrated Milk Supply Scheme, Hyderabad :

Under this scheme, it was proposed to supply pure milk to the public of twin cities of Hyderabad and Secunderabad. Towards this purpose, a sum of Rs. 22.25 lakhs was originally provided in the Plan for 1956-61. The draft integrated scheme is under the consideration of U.N.I.C.E.F. and during the period under review, pending sanction of the integrated schemes, a pilot scheme was taken up for conducting survey and for distribution of milk on a small scale.

A sum of Rs. 7.89 lakhs was spent on this scheme till the end of March 1961 against the revised provision of Rs. 17.85 lakhs.

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA.										
1.	Improvement to Government Dairy Farm Visakapatnam ..	10.00	7.59	..	1.46	1.48	1.69	2.81	7.44	
2.	Integrated Milk Supply Scheme, Vijayawada.	15.50	16.00	..	..	..	1.99	4.13	6.12
3.	Intensive Milk Supply Scheme ..	19.00	5.94	..	..	2.34	0.77	1.09	4.20
4.	Scheme for conducting Survey in the context of Dairy Schemes ..	..	0.60	..	..	..	..	..	..
5.	Milk Board ..	2.00	..	..	..	..	..	..	..
6.	Dairy-cum-grass farms	11.20	..	..	..	..	..	..	..
Total: ANDHRA ..		57.70	30.13	..	1.46	3.82	4.45	8.03	17.76	
TELANGANA :										
1.	Reorganisation of existing Dairy Farms ..	..	6.54	..	..	2.48	1.40	4.80	8.77
2.	Integrated Milk Supply Scheme, Hyderabad ..	22.25	17.85	..	0.59	0.76	3.08	3.46	7.89	
3.	Conducting Survey in the context of Dairy Sciences under Third Five Year Plan ..	..	0.30	..	..	..	..	..	..
4.	Training of officers in Dairying ..	0.20	..	..	..	..	..	..	..
Total: TELANGANA ..		22.45	24.69	..	0.59	3.24	4.57	8.26	16.66	
Total for ANDHRA PRADESH.		80.15	54.82	..	2.05	7.06	9.02	16.29	34.42	

CHAPTER X

FORESTS

Towards the development of Forests in the State, a sum of Rs. 93.67 lakhs was allotted in the Plan for 1956-61 for the implementation of 25 schemes. Subsequently 18 new schemes costing Rs. 32.74 lakhs which were not originally included in the Plan were taken up and implemented. However, 3 schemes costing Rs. 12.35 lakhs were dropped from the plan and the provision in respect of the implemented schemes was revised on the basis of requirements. As a result of these changes, the revised provision for the 40 schemes implemented during the period under review amounted to Rs. 102.40 lakhs. Against this, a sum of Rs. 97.13 lakhs was spent till the end of March 1961. Of this, a sum of Rs. 57.86 lakhs was spent on 22 schemes implemented in the Andhra Region while the remaining amount of Rs. 39.27 lakhs was spent on 18 schemes implemented in the Telangana Region. The main physical targets and achievements during the period under review are furnished in the following table.

IMPORTANT PHYSICAL TARGETS AND ACHIEVEMENTS.

<i>Srl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Target for 1956-61</i>	<i>Achievements during 1956-61</i>
(1)	(2)	(3)	(4)	(5)
1.	Preparation of Working Plans.	No. of Divns.	5 1/3	5 1/3
2.	Raising of Regeneration plots.	Acres	12,283	10,908
3.	Afforestation	.. ..	885	875
4.	Plantations	.. ..	32,847	32,430
5.	Construction and improvement of Roads.	Miles	451	425
6.	Production of Lac	. Mds.	456	374

The progress made in respect of each of the schemes implemented during the period is given below. Statement X appended shows the financial and physical targets and achievements during the years 1956-61 under each scheme.

ANDHRA

Working Plan Circle :

This scheme envisages the preparation of working plans for the estate forests taken over by the Forest Department so as to bring them under systematic and scientific management and to revise the working plans of the departmental forests, wherever necessary. During the first three years of the Second Plan, the survey and demarcation for the preparation of working plans for estate forests, taken over by the Forest Department, was completed in three divisions. In the last two years, 2½ divisions were completed thus achieving the Second Plan target of 5½ divisions. A sum of Rs. 7.90 lakhs was originally provided for this scheme in the state plan but this was subsequently increased to Rs. 9.25 lakhs out of which a sum of Rs. 9.12 lakhs was spent during the Plan period.

Afforestation of River Banks.

With a view to preventing sand drift to the villages and cultivated lands, afforestation plots were raised over an area of 320 acres during the Second Plan period on the banks of the rivers Chitravati and Papagni in Cuddapah district and a sum of Rs. 0.56 lakh was spent on the scheme.

Forest Regeneration.

With a view to improve the productive capacity of the denuded and degraded panchayat and estate forests taken over by the Forest Department and to recloth the denuded open areas in departmental forests, regeneration plots were proposed to be raised over an area of 12,283 acres at an estimated cost of Rs. 8.83 lakhs (revised) during the Second Plan period. The actual expenditure amounted to Rs. 8.77 lakhs. Regeneration plots were raised over an area of 10,908 acres.

Afforestation of Denuded Hills inside the Reserved Forests

Under this scheme, it was proposed to increase the productivity of forest on the denuded hill slopes inside the reserved forests by raising afforestation plots under the contour trenching methods over an area of 565 acres at a cost of Rs. 0.80 lakh. But, subsequently the provision was reduced to Rs. 0.54 lakh, out of which a sum of Rs. 0.53 lakh, was spent and afforestation plots were raised over an area of 555 acres.

Forest Roads (Plains)

Under this scheme it was propose to improve and construct roads over a length of 193 miles in the forests of Kurnool (Nallamalies) and Cuddapah districts with a view to facilitate better exploitation of the interior forests and sum of Rs. 11.48 lakhs was provided for this purpose in the revised plan. Improvements and constructions of roads over a length of 191 miles were completed during the Second Plan period at a cost of Rs. 11.28 lakhs.

Forest Roads (Agency).

In order to improve the road transportation in the Agency tracts with a view to enable the department to exploit the interior forests, construction of roads over a length of 213 miles was proposed to be taken up during the Second Plan at a cost of Rs. 11.00 lakhs. The provision was subsequently revised to Rs. 12.85 lakhs against which a sum of Rs. 12.70 lakhs was spent during the Plan period towards the construction of roads over a length of 189 miles.

Supply of Jeeps to the District Forest Officers.

During the Second Five-Year Plan it was proposed to supply 6 jeeps to the District Forest Officers at an estimated cost of Rs. 0.69 lakh in order to enable them to move more swiftly in the forest areas within their jurisdiction so as to ensure prevention of illicit removals of forest produce.

The Plan provision was subsequently increased to Rs. 0.86 lakh on account of the increase in the cost of

the vehicles. An expenditure of Rs. 0.86 lakh was incurred on the scheme during the Second Plan period and 6 jeeps were purchased and supplied to the District Forest Officers.

Buildings in the Agency Areas :

A sum of Rs. 1.58 lakhs was provided in the revised Second Plan towards the construction of 11 residential quarters for subordinate staff working in the Agency areas to ensure adequate control over the estate forests and check illicit felling. But an amount of Rs. 0.83 lakh only was spent during the Second Plan period and buildings were constructed.

Enforcement of Timber Transit Rules :

Under this scheme, it was proposed to provide effective check over the timber removed from one place to another with a view to curbing illicit removal of timber. For this purpose, it was proposed to open 120 Thanas all over the forest divisions during the Second Plan period at a cost of Rs. 1.00 lakh. Against this an amount of Rs. 0.94 lakh was spent for opening 117 Thanas during the Plan period.

Buildings in the Plains:

During the Second Plan period, it was proposed to construct 25 buildings for the subordinate staff in Rayalaseema districts of Andhra Region, where there is a dearth of residential accommodation. A sum of Rs. 1.19 lakhs was provided in the Second Plan and the entire amount was spent on the construction of 22 buildings.

Economic Survey of Minor Forest Produce.

With a view to carry out systematic survey of Minor Forest Produce throughout the State and for suggesting ways and means for their effective utilisation, it was proposed to appoint special staff and also to purchase a jeep under this Scheme. A sum of Rs. 0.56 lakh was allotted in the revised Plan against which a sum of Rs. 0.50 lakh was spent towards the appointment of the staff and purchase and maintenance of a jeep.

Raising Experimental Plantations of Commercial and Garden Crops.

This scheme was intended to increase the economic value of forests by introducing species such as pine apple, cane, bamboos etc., on an experimental basis and a sum of Rs. 0.41 lakh was provided in the Second Plan for raising plantations over an area of 611 acres, but plantations were raised over an area of 583 acres during the Plan period and an expenditure of Rs. 0.39 lakh was incurred.

Raising Teak Plantations over increased area in Godavari Upper Division.

With a view to increase the area under teak to meet the increasing demand for development projects, a sum of Rs. 0.54 lakh was provided in the revised plan, to raise plantations over an area of 987 acres. Against this a sum of Rs. 0.53 lakh was spent on the scheme for raising plantations over an area of 948 acres.

Raising Extra Area with Eucalyptus :

Under this scheme, it was proposed to raise eucalyptus as fuel species for meeting the increasing demand for fuel. A sum of Rs. 0.54 lakh was spent on the scheme for raising plantations over an area of 596 acres as against the Plan target of 700 acres.

Raising Research and Experimental Plantations.

With a view to carry out research and experiments in the growth of forest species by taking up experimental plantations in the State, a sum of Rs. 0.24 lakh was provided in the Second Plan while the actual expenditure on the scheme amounted to Rs. 0.22 lakh.

Raising Casuarina Plantations in Nellore North and South Divisions :

With a view to meet the increasing demand for fuel, a sum of Rs. 0.76 lakh was provided in the revised plan for raising casuarina plantations over an area of 705 acres in the Nellore North and South Divisions. By the end of the Second Plan, the target set forth in the Second Plan was fully achieved at a cost of Rs. 0.65 lakh.

Raising of cashew Plantations :

Under this scheme, it was proposed to increase the area under cashew plantations in view of the heavy demand for the cashewnuts in foreign markets. It was therefore proposed to raise cashew plantations over an area of 22,619 acres during the Plan period at a cost of Rs. 6.20 lakhs. As programmed, cashew plantations were raised over the targetted area and an expenditure of Rs. 6.16 lakhs was incurred.

Supply of Electrical Transmission Poles :

Under this scheme 9,500 wooden poles were supplied to the Electricity Department in 1959-60 and an expenditure of Rs. 0.59 lakh was incurred.

Purchase of inboard engine for Pullikot lake :

Under this scheme, it was proposed to purchase one in-board Engine for use on the Pullikot Lake in Nellore South Division and a provision of Rs. 0.18 lakh was made in the revised plan. Indent was placed with a firm through the Central Stores and Purchase Department. As the Boat delivered by the firm was not in accordance with the specifications approved by the Central Stores & Purchase Department and as the matter was under dispute, no payments were made to the Firm. Only a sum of Rs. 0.01 lakh was spent towards the incidental charges.

Establishment of integrated unit for saw mill seasoning kiln, preservation plant and workshop at Rajahmundry :

This scheme was taken up for implementation in 1960-61 and it was proposed to establish an integrated unit of timber seasoning, sawing and preservation plant at Rajahmundry with a view to raising the value of secondary timber by seasoning and preservation processes. A sum of Rs. 1.32 lakhs was provided for this purpose and a sum of Rs. 1.18 lakhs was spent on the acquisition of land, and construction of buildings.

Coffee Plantations :

During the course of the Second Plan, it was proposed to raise coffee plantations over an area of 100 acres in the Agency areas in East Godavari and Visakhapatnam districts at a cost of Rs. 1.68 lakhs. After incurring an

expenditure of Rs. 0.01 lakh on the preliminary works etc., the scheme was dropped and the balance amount was surrendered.

Departmental exploitation of forests of submergible areas in Nagarjunasagar Project :

This scheme was not originally included in the Second Plan but in accordance with the instructions of the Government a sum of Rs. 0.44 lakh was provided in the revised plan for 1960-61 by re-appropriating the savings from the other Plan schemes with a view to exploit the standing growth in the sub-mergible areas in the Nagarjunasagar Project departmentally over an area of 700 acres. Against this a sum of Rs. 0.30 lakh was spent by the end of March, 1961 and the target set forth was fully achieved.

TELANGANA.

Strengthening of Territorial Divisions :

In order to carry out the various development works aimed at the improvement of forests in the Telangana Region, 12 Territorial Divisions and 2 Afforestation Non-territorial Divisions existing in the area were strengthened during the year 1957-58 by appointing 3 Assistant Conservators of Forest, 13 Rangers, 3 clerks and 3 peons. A sum of Rs. 2.80 lakhs was spent on this scheme during the Plan period.

Establishment of Accounts Branch in Chief Conservator's Office.

Enormous increase in the work load on account of the abolition of Jagirs and implementation of plan schemes necessitated the strengthening of the accounts branch in the Chief Conservator's Office in order to secure proper control over the expenditure and maintenance of accounts. One Accounts Superintendent, one Second Grade Clerk, 2 Third Grade Clerks, 2 Third Grade Typists and 2 Peons were, therefore appointed in the year 1956-57. During the year 1957-58, one Accounts Officer was appointed and the staff already appointed was continued. But the entire staff was disbanded in the fourth year of the Plan period. An expenditure of Rs. 0.33 lakh was incurred on this scheme during the Plan period.

Strengthening of Silvicultural Research Branch :

Additional staff consisting of two Foresters, two L.D.Cs., and one Peon was appointed during the year 1956-57, to strengthen the Silvicultural Research Branch established during the First Plan period. The additional staff was continued for the first three years of the Plan and afterwards disbanded. An expenditure of Rs. 0.09 lakh was incurred on this scheme during the Second Plan period.

Forest Research Propaganda and Publicity :

This scheme envisages research work on two distinct lines, viz., collection of statistical data about the growth and behaviour of indigenous species and anti-erosion and afforestation work. Besides the research work, the scheme also provides for propaganda and publicity during the Plan period. The entire Plan provision of Rs. 0.38 lakh was spent during the period under review.

Lac cultivation :

This scheme is intended for production of lac from forest areas in Adilabad district as this product is a foreign exchange earner besides being a useful subsidiary occupation for the rural population. A provision of Rs. 0.57 lakh (revised) was made in the Second Plan to obtain 456 Mds. of lac ; but only 374 Mds. of lac was produced during the Plan period though the entire provision was spent on the scheme.

Artificial Regeneration in fuel and pole forests :

This scheme aims at improving the productive capacity of the forest areas taken over by the departments by raising artificial regeneration plots in denuded open areas and re-clothing them with hardy and economic species. A sum of Rs. 1.00 lakh was provided in the State Plan to raise artificial regeneration of plots over an area of 2,710 acres besides raising nurseries, and an amount of Rs. 0.98 lakh was spent to achieve the target.

Artificial Regeneration in timber forests :

With a view to improving the conditions of the existing commercially valuable forests and to meet the requirements of timber in future, it was programmed under

this scheme to raise artificial regeneration plots of timber species over an area of 2,495 acres and a provision of Rs. 1.15 lakhs was made in the State Plan. Against this provision, a sum of Rs. 0.92 lakh was spent on raising the plantations over an area of 2,295 acres.

Match Wood Plantations :

This scheme was intended for raising match wood plantations in Warangal district in order to meet the increasing demand for soft wood species and to provide raw material to the local match manufacturing and other cottage industries. As programmed, match wood plantations were raised over an area of 450 acres and the entire revised provision of Rs. 0.43 lakh was spent on the scheme.

Nurseries under Forest Development :

Under this scheme it was proposed to establish, 3,180 nursery beds during the Second Plan in the Telangana Region where stumps and seedling would be raised and supplied in required quantities to feed the plantation areas taken up for afforestation and regeneration. A sum of Rs. 0.91 lakh was spent on this scheme during the Plan period and 3,070 nursery beds were established.

Construction of buildings :

With a view to provide accommodation to Conservator's Offices located in rented buildings and residential quarters for the Forest Officers and subordinate staff it was programmed under this scheme, to construct 71 buildings at an estimated cost of Rs. 14.17 lakhs. Subsequently the provision was reduced to Rs. 10.65 lakhs against which an amount of Rs. 10.47 lakhs was spent on the construction of 71 buildings.

Organisation and protection staff for Game Sanctuaries.

The scheme was intended for the employment of protection staff for the existing 4 sanctuaries in Warangal, Medak, and Adilabad Districts with a view to preserving the wild life of the region which is dwindling away rapidly. During the Second Plan period, an amount of Rs. 1.91 lakhs was spent on maintenance and improvement of the 4 sanctuaries.

Construction of Roads :

A sum of Rs. 1.92 lakhs was provided in the Second Plan towards the construction of roads over a length of 45 miles. The scheme taken up in the third year of the Plan was completed in the fourth year and the entire revised provision was spent to achieve the target.

Cashew Plantations :

Under this scheme, it was proposed to raise cashew plantation over an area of 1,570 acres at a cost of Rs. 0.16 lakh. Against this a sum of Rs. 0.14 lakh was spent on the scheme, and an area of 1,524 acres was covered under cashew plantation.

Establishment of Zoological Gardens :

This scheme aims at the establishment of a Zoological garden at Hyderabad on the lines of the gardens established in other parts of the country. In the State's Second plan, a sum of Rs. 13.10 lakhs (revised) was provided for this scheme but a sum of Rs. 12.78 lakhs was spent. The acquisition of land was completed and the formation of the Zoo was in progress.

Supply of Electric transmission poles :

During the year 1959-60, a sum of Rs. 0.18 lakh was spent on the scheme for the supply of 4,400 wooden poles to the Electricity Department.

Departmental working of Timber coupe outside the working plan in Warangal Division :

Though originally not included in the Plan, this scheme was brought into the Second Plan, during the year 1960-61 with a view to taking over the work of extraction of timber from some of the forest coupes consisting of teak in Warangal Division. A sum of Rs. 0.52 lakh was provided in the revised Plan and against this a sum of Rs. 0.34 lakh was spent .

Departmental Working of Timber Coupe inside the working plan in Warangal Division :

This scheme was also included in the Plan with a view to extract timber departmentally in Warangal Division within the prescriptions of the working plan in order to

augment revenue resources of the department. A sum of Rs. 1.20 lakhs was provided in the revised Plan for 1956-61 towards works, establishment and purchase of a lorry. Against this a sum of Rs. 0.82 lakh was spent during the year 1960-61.

Supply of Jeeps to the Divisional Forest Officers :

This scheme was intended to purchase and supply jeeps to the subordinate officers with a view to enable them to move about more swiftly within their jurisdiction so as to ensure prevention of forest offences. A sum of Rs. 3.36 lakhs was provided towards this scheme to purchase 22 jeeps and the target was achieved at a cost of Rs. 3.30 lakhs.

Financial Targets and Achievements

Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expen- diture-
		Original	Revised	1956-57-	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA									
1.	Working Plan Circle ..	7.90	9.25	1.92	1.65	1.92	1.86	1.77	9.12
2.	Afforestation of River Banks	1.59	0.57	0.14	0.13	0.09	0.11	0.09	0.56
3.	Forest Regeneration ..	7.50	8.83	0.71	0.89	1.88	2.88	2.91	8.77
4.	Afforestation of Denuded hills inside Reserved Forests	0.80	0.54	0.08	0.07	0.11	0.12	0.15	0.53
5.	Forest Roads (Plains) ..	18.34	11.48	0.51	2.53	1.67	3.27	8.30	11.28
6.	Forest Roads in Agency	11.00	12.85	..	1.63	3.67	3.54	3.86	12.70
7.	Supply of Jeeps to the District Forest Officers	0.69	0.86	..	0.28	0.28	0.80	..	0.86
8.	Buildings in Agency areas	5.00	1.58	..	..	0.08	0.64	0.16	0.83
9.	Enforcement of timber Transit Rules	..	1.00	..	..	..	0.20	0.74	0.94
10.	Buildings in plains	..	1.19	..	..	..	0.59	0.60	1.19
11.	Economic Survey of Minor Forest Produce	..	0.56	..	..	..	0.27	0.23	0.50
12.	Raising experimental plantations of commercial and garden crops	..	0.41	..	..	..	0.18	0.21	0.39
13.	Raising Teak plantations over increased area in Godavari Upper division	..	0.54	..	..	..	0.24	0.29	0.53
14.	Raising extra area with Eucalyptus	..	0.59	..	..	..	0.26	0.28	0.54
15.	Raising Research and Experimental plantations	..	0.24	..	..	..	0.14	0.08	0.22
16.	Raising Casuarina Plantations in Nellore North and South Divisions.	..	0.76	..	..	..	0.80	0.85	0.65

X
STS

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Achievements during</i>						<i>Total Achievement during 1956-61</i>
		<i>Target for 2nd plan period (Revised)</i>	1956-57	1957-58	1958-59-	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Working Plans.	Division	5½	1	1	1	1	1½	5½
Afforestation	Acres	820	..	80	80	80	80	820
Regeneration	do	12,288	1,616	280	3,294	3,818	1,955	10,908
Afforestation	do	565	95	105	115	120	120	555
Roads formed	Miles	198	..	30	85	49	77	191
Do.	do.	218	..	30	42	70	47	189
Purchase of Jeeps	Nos.	6	..	2	2	2	..	6
Buildings Constructed	..	11	..	..	1	3	No. information from P.W.D.	Excluding the target achieved during 1960-61.
Opening of Thanas	Nos.	120	..	..	..	40	77	117
Buildings Constructed	Nos.	25	..	..	..	12	10	22
Collection of data	..				Staff Scheme		Staff Scheme	
Area Covered with Plantations	Acres	611	..	..	..	296	287	583
Do.	do.	987	..	..	..	209	739	948
Do.	do.	700	..	..	..	350	246	596
Do.					Research Scheme			
Area covered with plantations	do.	705	..	..	..	305	400	705

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
17.	Raising of Cashew Plantation.	..	6.20	..	..	..	..	4.04	2.12	6.16
18.	Supply of electrical transmission poles	..	0.59	..	..	..	..	0.59	..	0.59
19.	Purchase of inboard engine for Pullikota Lake.	..	0.18	..	..	..	..	..	0.01	0.01
20.	Establishment of integrated unit for saw-mill, seasoning Kiln preservation plant and workshop at Rajahmundry	1.00	1.82	..	..	..	..	..	1.18	1.18
21.	Coffee Plantation	..	..	1.68	..	..	..	..	0.01	0.01
22.	Departmental exploitation of forests of submergible areas in Nagarjunasagar Project.	..	0.44	..	..	..	..	..	0.30	0.30
23.	Wild life preservation	..	10.00	..	..	(Scheme dropped)				..
Total Andhra		..	68.82	61.66	8.36	6.68	9.65	19.53	18.64	57.86
Forests :		TELANGANA								
1.	Strengthening of Territorial Divisions	..	8.27	2.85	0.88	0.53	0.55	0.63	0.71	2.80
2.	Establishment of Account Branch in C.C.'s Officer	1.12	0.88	0.11	0.12	0.10	..	..	..	0.88
3.	Strengthening of Silvicultural Research Branch.	0.40	0.09	0.02	0.08	0.04	..	..	..	0.09
4.	Forest Research Propaganda and Publicity.	0.68	0.88	0.01	0.04	0.11	0.11	0.11	0.11	0.88
5.	Lac cultivation	..	0.89	0.57	0.06	0.10	0.12	0.15	0.14	0.57
6.	Artificial Regeneration in fuel and pole Forests	0.78	1.00	0.12	0.13	0.15	0.24	0.34	0.34	0.89
7.	Artificial Regeneration in timber forests.	1.00	1.15	0.18	0.18	0.22	0.22	0.22	0.22	0.92
8.	Matchwood Plantations	0.26	0.43	0.08	0.04	0.10	0.13	0.13	0.13	0.43

(Rupees in lakhs.)

STS

Physical Targets and Achievements

Item	Unit	Achievements during						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Area covered	Acres	22,619	..	..	..	9,352	13,267	22,619
Supply of Electrical Transmission Poles.	No.	9,500	..	..	..	9,500	..	9,500
		No. Specific Targets.			..	..	..	..
		No. Specific targets.						
Area covered with plantations.	Acres	100	..	..	..	..	Dropped	
Area covered	..	700	..	..	..	..	700	700
Staff Scheme		(Since disbanded)						
		Do.						
		No Specific target						
Production of lac	Mds.	456	..	42	69	95	168	374
Area covered in Plantations	Acres	2710	Preliminary operations	500	500	1280	480	2710
do.	..	2495	350	600	400	615	330	2295
do.	..	450	50	50	50	150	150	450

<i>Financial Targets and Achievements</i>									
<i>Sri. No.</i>	<i>Name of the Scheme</i>	<i>Second Plan Provision</i>		<i>Expenditure incurred in</i>					<i>Total Expenditure</i>
		<i>Original</i>	<i>Revised</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1960-61</i>	
1	2	3	4	5	6	7	8	9	10
9.	Nurseries under Forest Development.	1.01	0.90	0.17	0.14	0.24	0.18	0.18	6.9
10.	Construction of buildings	14.17	10.65	..	..	2.12	7.67	1.59	10.4
11.	Organisation and protection staff for game sanctuaries.	1.73	1.95	0.07	0.26	0.68	0.61	0.40	1.9
12.	Construction of Roads ..	1.88	1.92	..	..	0.64	1.28	..	1.9
13.	Cashew Plantation ..	0.86	0.16	..	..	..	0.09	0.05	0.1
14.	Establishment of Zoological Gardens.	..	13.10	..	..	2.00	3.48	7.30	12.7
15.	Supply of Electric transmission poles.	..	0.18	..	..	..	0.18	..	0.1
16.	Departmental working of Timber coupes outside working plan in Warangal Division.	..	0.52	..	..	..	..	0.84	0.8
17.	Departmental working of Timber Coupes inside Working Plans in Warangal Division.	..	1.20	..	..	..	..	0.82	0.8
18.	Supply of jeeps to the Divisional Forest Officers.	..	3.36	..	..	..	2.18	1.12	3.3
19.	Purchase and maintenance of vehicles.	0.26	..	..	..	..	..	..	..
20.	Preservation of Wild Life	2.09	..	..	..	..	..	..	..
	Total for Telangana ..	29.85	40.74	1.10	1.52	7.06	16.14	18.45	89.1
	Total for Andhra Pradesh .	93.61	102.40	4.46	8.20	16.71	35.67	32.09	97.1

(Contd).
T.S.

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Achievements during</i>						<i>Total Achievement during 1956-61</i>
		<i>Target for 2nd plan period (Revised)</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1960-61</i>	
11	12	13	14	15	16	17	18	19
Formation of nurseries	No. of beds	8180	400	400	400	1140	730	3070
WORKS	No.	71	..	..	32	37	2	71
Opening of game sanctuaries	..	4	..	..	..	..	4	4
Roads formed	Miles	45	..	..	28	17	..	45
Area covered	Acres	1570	..	..	..	1300	224	1524
Wells	No	1	..	..	under progress			..
Poles	No	4400	..	..	..	4400	..	4400
No specific target.	..	..	..	..	..	..	..	..
do	..	..	..	..	..	..	..	do
Purchase of jeeps	No	22	..	..	..	15	7	22
..		Not implemented.						
		..						

2881—15*

CHAPTER XI.

SOIL CONSERVATION.

A sum of Rs. 113.24 lakhs was originally provided for the implementation of 15 schemes relating to Soil Conservation. During the period under review 5 new schemes costing Rs. 8.00 lakhs were included in the Plan. But, one scheme *viz.*, Soil Research Station, Rudrur costing Rs. 1.20 lakhs was dropped and the provision in respect of the implemented schemes was either reduced or enhanced on the basis of requirements. As a result of these changes, the revised provision for the 19 schemes implemented during 1956-61 amounted to Rs. 76.28 lakhs. Against this provision, a sum of Rs. 63.48 lakhs was spent till the end of March 1961. Of this, an amount of Rs. 41.29 lakhs was spent on 13 schemes in the Andhra Region while the remaining amount of Rs. 22.19 lakhs was spent on 6 schemes in the Telengana Region. Important physical targets and achievements are furnished in the following table.

IMPORTANT PHYSICAL TARGETS AND ACHIEVEMENTS.

Srl. No.	Item	Unit	Target for 1956-61.	Achievements during 1956-61
(1)	(2)	(3)	(4)	(5)
1.	Area covered under S.C. measures.	Acres	50,926	47,951
2.	Contour Bunding	.. ..	32,290	23,120
3.	Graded Bunding	.. ..	272	272
4.	Plantations	.. ..	15,851	15,686
5.	Candidates trained	.. No.	152	139

Details of the progress made in respect of each of the schemes implemented during the period under review 1956-61 are described below. Statement XI appended will show the schemewise financial and physical targets and achievements during each of the years 1956-61,

*Andhra :**Soil Conservation scheme for Red Soil areas of Anantapur District.*

The contour bunding prevents soil erosion and conserves soil moisture. In the low rainfall areas of red soil regions of Anantapur district, where the top soil is exposed to severe erosion, it is proposed to take up soil conservation measures. The scheme incidentally provides employment during off season. The works under the scheme were started after the completion of legal formalities under the Madras Land Improvement schemes (C.T. & C.B.) Act, 1949, with effect from 1st April, 1958, and an area of 12,234 acres could be covered with contour bunding by the end of the Second Plan period thereby incurring an expenditure of Rs. 7.06 lakhs.

Soil Conservation Scheme for Machkund Basin.

The scheme primarily aims at arresting the silting up of Jalaput Dam and provides employment to the hill tribes, effecting permanent improvements to the cultivated lands, and weaning away the Adivasis from Podu cultivation and settling them on permanent cultivation by adopting improved farming methods. During the Plan period an area of 28,014 acres was covered by bunding and formation of waterways incurring an expenditure of Rs. 15.94 lakhs.

Araku Valley Pilot Scheme.

On the recommendations of the State Soil Conservation Board, the pilot scheme of Soil Conservation in Araku Valley was taken up during 1956-57 as a demonstration-cum-research scheme to stabilise the existing cultivable area from further deterioration and for discouraging the Adivasis from resorting to Podu cultivation. An area of 3,764 acres was tackled with various soil conservation measures during the Second Five-Year Plan. The scheme was closed on 30-4-1960 after completing the work. An expenditure of Rs. 4.02 lakhs was incurred during the Plan period.

Soil Conservation scheme for Black Soil Areas in Kurnool and Anantapur Districts :

The object of the scheme is to conserve top soil and moisture in the low and ill distributed rainfall areas of the deep black soils of Kurnool and Anantapur districts. A provision of Rs. 3.90 lakhs was originally made in the Second Five-Year Plan for soil conservation measures like construction of waste, weirs and contour bunding in Alur and Guntakal centres of Kurnool and Anantapur districts respectively. But due to causes peculiar to deep black soils, it was decided to keep in abeyance further bunding work in deep black soils till a suitable technique is evolved by research and experimental observation. The scheme was therefore dropped from 1957-58 after completing bunding work in 90 acres besides repairing damaged bunds and construction of waste weirs. An expenditure of Rs. 0.81 lakh was incurred up to end of 1957-58.

Training of Personnel in Soil Conservation :

As there is dearth of technically trained personnel for soil conservation schemes in the State, it was proposed to train 48 candidates of Agriculture Department in soil conservation methods during the Second Plan period at the training centres set up by the Government of India at Hazirabagh, Dehradun and Ootacamund. An expenditure of Rs. 0.81 lakh was incurred on the scheme in the Plan period for training 30 candidates.

Soil Conservation scheme in N.E.S. Block—Pendurthi :

With a view to making average ryots conscious of the benefit from soil conservation works, a scheme was started in November 1957 in the N.E.S. Block of Pendurthi, Visakhapatnam District. Contour bunding work was taken up in 1892 acres during the Plan period, spending an amount of Rs. 1.52 lakhs. The scheme was closed on 15-4-1960 as the works were completed.

Large scale Demonstration Projects in Soil Conservation and Dry Farming Practices :

It was intended to demonstrate on a large scale the soil conservation and dry farming practices to popularise soil conservation work and to train the farmers

and students in Soil Conservation measures. One large-sized demonstration project of 400 acres in the red soils of Hyderabad was opened at Kanakamamidi during 1959-60. The expenditure on the staff of one Divisional Engineer, one Assistant Engineer and other technical and ministerial staff is met by Government of India. The expenditure on the cost of survey instruments, jeep and other equipment is met from T.C.M. Assistance. A total expenditure of Rs. 1.59 lakhs was incurred on this scheme during the Plan period for covering an area of 1,000 acres.

Pilot Demonstration Project of Dry farming in Ten-acre Plots :

The object of the scheme is to give a subsidy of Rs. 15 per acre to the cultivators for adopting dry farming methods in contour bunded areas of Kurnool, Anantapur and Chittoor districts of Andhra region and Hyderabad, Mahaboobnagar and Nalgonda districts of Telangana region. The scheme was in operation in 1959-60 and an expenditure of Rs. 0.08 lakh was incurred to cover an area of 620 acres in the State (120 plots in Andhra and 80 plots in Telangana regions). The scheme was closed on 30-4-1961.

Soil Conservation scheme in Chittoor and Cuddapah Districts:

It is proposed to take up soil conservation measures in an area of 5,000 acres in the districts of Chittoor and Cuddapah, treating it as one division in the revised set up of soil conservation works. The scheme was taken up for implementation in 1960-61, and an expenditure of Rs. 0.94 lakh was incurred for tackling an area of 1,337 acres.

Soil Conservation scheme in Nagarjunasagar basin :

This is a new scheme included in the Plan in 1960-61 and it was proposed to investigate the possibilities of undertaking soil conservation measures in Nagarjunasagar basin to formulate a comprehensive scheme. One Assistant Agricultural Engineer and some technical and ministerial staff were originally posted with headquarters at Guntur. Subsequently the headquarters of the Assistant Agricultural Engineer was shifted to Mahbubnagar

in the Telangana region. Preliminary work like investigation and survey of the areas to be tackled in soil conservation work, preparation of plans etc., were undertaken during the year. An area of 28,000 acres was investigated incurring an expenditure of Rs. 0.34 lakh during the Plan period.

Scheme for laying out demonstration plots in the 4 Districts of Andhra Region :

It was proposed to layout demonstration plots in 150 acres in eight districts to bring home to the ryots the tangible benefits of soil conservation. The scheme was implemented in 1956-57. Topographic survey was taken up in 8 districts. But having regard to the cost of bunding construction of waste weirs, etc., which is considerably in excess of the preliminary estimates of expenditure, the work was taken up in the three districts of East Godavari, West Godavari and Krishna. Graded bunds over an area of 272 acres and Contour bunds over an area of 140 acres were laid incurring an expenditure of Rs. 0.33 lakh.

Extension of Casuarina Plantations :

With a view to meet the increasing demand for firewood, it was proposed to raise casuarina plantations in the coastal area of Andhra region over an area of 3,778 acres. A sum of Rs. 6.13 lakhs was provided in the State's Second Plan for this scheme and a sum of Rs. 6.00 lakhs was spent on the scheme during the Plan period to raise casuarina plantations over an area of 3,613 acres.

Afforestation of Denuded Hills outside the Reserve Forests :

This scheme envisages the afforestation of area on denuded hill slopes outside the Reserve Forests with a view to prevent soil erosion of different types and intensities during the Second Plan period. A sum of Rs. 1.82 lakhs was provided in the Plan to cover an area of 700 acres. Against the amount of Rs. 1.85 lakhs was spent on the scheme and the target was fully achieved.

TELONGANA :

Contour Bunding in Agricultural tracts in Telengana :

With a view to check the soil erosion which is a serious problem in Telongana, due to the steep nature of lands, this scheme was implemented during the Second Plan to control erosion and restore the productivity of eroded lands by undertaking the soil conservation work like contour bunding, terrace ploughing along the contour and strip cropping, etc., which will conserve moisture and soil and thereby increasing the crop yields. Contour bunding was taken upon medium and light soils consisting mainly of red sandy lands. Soil conservation works were executed in ryot lands by obtaining suitable agreement bonds from the beneficiaries concerned.

An amount of Rs. 17.54 lakhs was provided to implement the scheme during the Second-Plan period for covering an area of 32,150 acres with soil conservation measures. Against this programme an area of 22,980 acres was contour banded at a cost of Rs. 13.42 lakhs.

Scheme for Training of Sub-Assistants :

The scheme was included in the Second Plan during 1959-60 at the instance of the Government of India. It aims at imparting training to the Sub-Assistants *i.e.*, Surveyors and Fieldmen who will assist the department in the execution of soil conservation works in agricultural lands. For this purpose, a training centre has been established in Hyderabad. The trainees will have actual field experience in the neighbouring soil Conservation projects apart from other facilities like laboratory, library and services of the specialists etc. An amount of Rs.0.90 lakh was spent during Second Plan period against a revised Plan provision of Rs. 1.32 lakhs. 109 Sub-Assistants were trained under this scheme against a target of 104 Sub-Assistants.

Soil Conservation Research Centre, Sahibnagar :

With a view to provide enough data for carrying out soil conservation works on a large scale it was proposed to establish a soil conservation research centre at Sahibnagar and research was being conducted on eroded mor-run tract. Against a provision of Rs. 1.60 lakhs, a sum

of Rs. 1.56 lakhs was spent during the Second Plan period on this research centre.

Afforestation and Anti-erosion works in Dry and Eroded Lands :

Under this scheme, it was proposed to prevent soil erosion by raising plantation over waste and eroded lands. A provision of Rs. 5.05 lakhs was made in the Second Plan towards this scheme for raising plantations over an area of 11,373 acres and Rs. 5.02 lakhs was spent during the Plan period to achieve the target.

Acquisition of lands for Soil Conservation Works :

A sum of Rs. 1.14 lakhs was provided in the Second Plan towards the acquisition of an area of 860 acres for soil conservation works and the entire amount was spent on the scheme to achieve the full target.

Nurseries under Afforestations :

In order to supply seedlings and stumps for carrying out afforestation work, it was proposed to raise 640 nursery units at a cost of Rs. 0.16 lakh. An amount of Rs. 0.15 lakh was spent to achieve the target.

STATEMENT
SOIL

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA										
1.	Soil Conservation Scheme for red soil in Anantapur District.	7.85	7.62	0.42	0.14	0.96	8.10	2.44	7.06	
2.	Soil Conservation scheme for Machkund Basin.	82.70	19.68	..	0.99	2.83	5.23	6.89	15.94	
	Soil Conservation scheme Visakhapatnam District.	..	..	..	..	..	..	..	..
3.	Araku valley Pilot Scheme	5.55	4.02	0.79	0.93	1.22	1.08	..	4.02	
4.	Soil Conservation scheme for Black soils in Kur- nool and Anantapur Districts.	8.90	0.81	0.24	0.57	..	..	..	0.81
5.	Training of Personnel in Soil Conservation.	0.88	0.86	..	0.16	0.30	0.20	0.15	0.81	
6.	Soil Conservation Scheme in N. E. S. Block, Pendurthi.	1.96	1.52	..	0.21	0.70	0.61	..	1.52	
7.	Large scale demonstration projects in Soil Conservation and dry farming practices (Kanakamamidi).	..	2.08	..	..	..	0.58	1.01	1.59
8.	Pilot Demonstration Project of Dry farming in 10 acre plots in Andhra Pradesh.	..	0.08	..	..	..	0.08	..	0.08
9.	Soil Conservation scheme Rayachoti Taluq in Cuddapah District.	..	3.52	..	..	..	..	0.94	0.94
	Soil Conservation scheme in Chittoor District.	..	..	..	..	..	..	..	..
10.	Soil Conservation scheme for Nagarjunasagar basin.	..	1.00	..	..	..	..	0.34	0.34
11.	Scheme for laying out demonstration plots in 4 Districts.	0.72	0.33	0.30	0.03	..	..	..	0.33
12.	Extension of casuarina plantations.	5.65	6.13	0.81	1.06	1.16	1.59	1.38	6.00	
13.	Afforestation of denuded hills outside the R. F.	2.53	1.82	..	..	0.43	0.75	0.67	1.85
14.	Others	7.87	..	..	..	..	..	..	..
Total for Andhra		..	68.61	49.47	2.56	3.94	7.75	13.22	13.82	41.29

(Rupees in lakhs.)

CONSERVATION

Physical Targets and Achievements								
Item	Achievements during							Total Achievement during 1956-61
	Unit	Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Area covered with Soil conservation measures.	.. Acres.	9,126	..	..	2,010	6,022	4,262	12,234
Do. ..	.. "	31,200	..	1,784	5,049	9,298	11,888	28,014
Do. ..	.. "	3,900	..	336	1,604	1,825	..	8,764
Do. ..	.. "	..	..	90	..	..	..	90
(Merged with Machkund Basin).								
Persons trained ..	.. No.	48	..	10	10	6	4	30
Area covered with S. C. measures	Acres.	1,700	..	402	1,300	190	..	1,892
Area ..	.. "	1,000	..	..	..	400	600	1,000
Soil conservation	.. Acres.	..	..	..	..	620	..	620
Area covered with S.C. measures.	Acres.	5,000	..	..	..	..	1,377	1,377
(Merged with Soil Conservation scheme Cuddapah).								
Investigation ..	.. Acres.	..	..	..	..	..	28,000	28,000
(a) Contour bunding	..	140	140	..	..	..	..	412
(b) Graded bunds.	..	272	272	..	..	..	..	..
Area covered ..	.. Acres.	3,778	533	774	600	997	700	8,613
Do. ..	.. "	700	..	..	..	850	350	700

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
TELANGANA										
1.	Contour bunding in Agricultural tracts in Telangana.	27.03	17.54	1.80	1.99	1.74	3.10	4.88	13.42	
2.	Scheme for training of Sub-Assistants.	..	1.32	..	..	..	0.32	0.58	0.90
3.	Soil Conservation Research Centre, Sahibnagar.	2.25	1.60	0.19	0.36	0.36	0.32	0.33	1.50	
4.	Afforestation and anti-erosion works in dry and eroded lands.	8.30	5.05	0.71	0.65	1.40	1.14	1.12	5.02	
5.	Acquisition of lands for soil Conservation works.	5.00	1.14	1.00	..	..	0.14	..	1.14
6.	Nurseries under Afforestation.	0.16	0.16	..	..	0.05	0.05	0.05	0.15
7.	Soil Research Station at Rudrur.	1.20	..	..	..	..	..	..	..
Total for Telangana ..		44.63	26.81	3.70	3.00	3.55	4.98	6.96	22.19	
Total for Andhra Pradesh		113.24	76.28	6.26	6.94	11.30	18.20	20.78	63.48	

(Rupees in lakhs.)

CONSERVATION

Item	Physical Targets and Achievements							
	Unit	Achievements during						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Contour bunding	.. Acres	32,150	1,445	971	2,087	6,906	11,621	22,980
Training of Assistants,	.. No.	104	..	..	..	40	69	109
Research Scheme.								
Area Covered. ..	.. Acres.	11,373	155	2,845	2,500	3,610	2,268	11,373
Land acquired. ..	.. do	860	400	..	..	460	..	860
Nurseries ..	.. No.	640	..	..	100	240	300	640
Not Implemented.								

CHAPTER XII

FISHERIES.

The programme for the development of Fisheries in the State during 1956-61, originally included 36 schemes with a provision of Rs. 110.51 lakhs. Subsequently 10 more new schemes costing Rs. 7.16 lakhs were included in the Plan. However, 8 schemes originally proposed at a cost of Rs. 22.45 lakhs were either deferred or dropped from the Plan. On the other hand, the provision in respect of certain implemented schemes was revised on the basis of requirements. The revised provision for the 88 schemes programmed for implementation during 1956-61, amounted to Rs. 70.28 lakhs. However, during the period under review, 36 schemes were actually implemented and on these schemes there was an expenditure of Rs. 61.99 lakhs till the end of March 1961. Of this, an amount of Rs. 48.90 lakhs was spent on 17 schemes implemented in the Andhra Region while the remaining amount of Rs. 13.09 lakhs was spent on 19 schemes implemented in the Telangana Region. The physical targets and achievements in respect of important items are furnished in the following table :

IMPORTANT PHYSICAL TARGETS AND ACHIEVEMENTS.

<i>Srl.No.</i>	<i>Item</i>	<i>Unit</i>	<i>Target for 1956-61</i>	<i>Achieve- ment during 1956-61</i>
1.	Collection and Distribution of Fish Seed	No. in Lakhs	700.00	561.37
2.	Increased Production in Selected Zones.	Lakh lbs.	71.85	59.85
3.	Tanks Developed and Surveyed.	No.	660	1,072
4.	Fish Farms opened	„	16	7
5.	Nylon Nets Distributed	„	1,000	1,337
6.	Fishermen Trained ..	„	200	120

The details of progress made in respect of each of the schemes implemented during 1956-61 are described below. The schemewise financial and physical targets and achievements during this period are furnished in the statement XII appended.

ANDHRA

Intensive seed Collection and Distribution :

Under this scheme, it was proposed to collect 350 lakhs of fingerlings of the quick growing type and stocking them in the inland waters of the State with a view to enhancing the fish production. The provision of Rs. 10.70 lakhs made for this scheme in the State's Second Plan was subsequently reduced to Rs. 9.94 lakhs, but the actual expenditure amounted to Rs. 11.48 lakhs and 555 lakhs of fingerlings were collected and distributed thus exceeding the Second Plan target. A number of nurseries were constructed for fry rearing purposes.

Salt Subsidy Scheme :

It was proposed under this scheme to supply salt at subsidised rates to fishermen with a view to curing 9,000 tons of fish. A sum of Rs. 1.67 lakhs was originally provided for this purpose in the States Second Plan. However, the provision was subsequently increased to Rs. 1.97 lakhs and salt was distributed free of cost among the fishermen in the state for curing fish. Only 6,133 tons, against the Plan target of 9,000 tons of fish was cured during the Plan period but the expenditure amounted to Rs. 2.25 lakhs. However, the 10 Fish curing Yards proposed in the Plan were established by 1957-58 itself and continued during the rest of the Plan period.

Improvement of Indigeneous Craft and Tackle :

With a view to facilitate the fishermen to reach the far off fish grounds and get better catches, it was proposed to supply 45 mechanised boats during the Plan period at subsidised rates and a provision of Rs. 8.59 lakhs was made for this purpose in the State's Plan (Revised). However, a sum of Rs. 10.20 lakhs was spent on this scheme during the Plan period and 55 mechanised boats were supplied.

Provision for Quick Transport Facilities :

Under this scheme, it was proposed to purchase 14 vans and 2 carrier boats to overcome spoilage of considerable quantities of fish and a sum of Rs. 6.28 lakhs was provided in the State's Second Plan for this purpose. But only 4 vans were supplied during the Second Plan period and an amount of Rs. 5.48 lakhs was spent on this scheme.

Tank Development Scheme :

This scheme aims at fish culture in public tanks on scientific lines after survey. It was originally proposed to survey and develop 600 tanks, besides purchasing 6 pick-up vans, at a cost of Rs. 6.22 lakhs. But an amount of Rs. 7.50 lakhs was spent on this scheme during the Plan period and 1,072 tanks were surveyed in addition to the purchase of 2 pick-up vans. Eighteen Fish Nurseries were also established during the Plan period.

Fish Farms :

Under this scheme, it was proposed to establish one Fish Farm in each district and a provision of Rs. 3.95 lakhs was made in the State's Plan (Revised) for the establishment of 8 Fish Farms in the State. However, only one Fish Farm was opened and a sum of Rs. 1.36 lakhs was spent on the scheme during the Plan period.

Training Centre for Fishermen at Kakinada :

Under this scheme, it was proposed to train 40 marine fishermen per year in handling the mechanised boats and a sum of Rs. 2.42 lakhs was spent on this scheme for training 40 fish rmen during each of the years from 1958-59 to 1960-61.

Supply of Logs to fishermen :

Under this scheme it was proposed to supply 1,000 logs at subsidised rates to the fishermen during the Plan period at a cost of Rs. 1.82 lakhs. But only 168 logs were supplied at a cost of Rs. 1.39 lakhs.

Deep Water Fishing Experiments :

The object of this scheme was to conduct deep water fishing experiments with nylon Rangoon nets and to teach the fishermen the methods of deep water fishing with the help of some trained fishermen. Two deep water fishing units were established for this purpose. Against the Plan provision of Rs. 1.33 lakhs, a sum of Rs. 0.99 lakh was spent towards the establishment of the two deep water fishing units, purchase of a van and a boat. Seven and a half tons of fish were produced during the Plan period as against the Plan target of 60 tons.

Introduction of New Types of Fishing Nets :

Under this scheme, it was proposed to purchase and distribute 1,000 nylon nets at subsidised rates to the fishermen during the Second Plan period at a cost of Rs. 2.10 lakhs. An amount of Rs. 3.17 lakhs was spent during the Plan period to procure and distribute 1,337 nylon nets.

Boat Building Yards :

Consequent on the intensification of the programme of mechanisation of boats, four Boat Building Yards were established in 1959-60 to meet the requirements of more boats. Against the Second plan provision of Rs. 1.27 lakhs, an amount of Rs. 0.83 lakh was spent on this scheme and 28 hulls were manufactured.

Headquarters Staff :

Under this scheme it was proposed to appoint additional staff in the Directorate of Fisheries at the State Headquarters to cope up with the increased work load consequent on the implementation of various Plan schemes. A sum of Rs. 0.18 lakh was provided in the Second Plan against which a sum of Rs. 0.20 lakh was spent on the scheme.

Fisheries Development in Blocks :

This scheme aims at the intensive development of inland fisheries in selected blocks. During the years 1959-60 and 1960-61, the scheme was implemented in 4 blocks at a cost of Rs. 0.44 lakh.

Extraction of Shark Liver Oil :

A sum of Rs. 0.41 lakh was provided in the State's Second Plan to implement this scheme and only an amount of Rs. 0.01 lakh was spent during the Plan period as the scheme was sanctioned late.

Fisheries Training :

The aim of this scheme was to provide training facilities for Inspectors of Fisheries and Assistant Inspectors of Fisheries and a sum of Rs. 0.50 lakh was provided in the Plan for this purpose. Eight candidates were trained during the last year of the Plan at a cost of Rs. 0.01 lakh.

Provision of Road facilities :

This scheme aims at the laying of roads from the fishing villages to the marketing centres. A sum of Rs. 1.00 lakh was provided for this purpose in the State's Second Plan against which a sum of Rs. 1.09 lakhs was spent during the Plan period.

Research Unit at Nagarjunasagar :

Though originally not included in the Second Plan, it was proposed to implement this scheme by constructing a Research Unit at Nagarjunasagar to facilitate the conduct of research on fisheries. A sum of Rs. 0.08 lakh was spent on the staff appointed during the year 1960-61 and the fish farm under the scheme could not be constructed for want of a suitable site.

TELANGANA

Distribution of Fry and Fingerlings :

A sum of Rs. 5.00 lakhs was provided in the Second Plan towards the collection and distribution of fry and fingerlings. But subsequently the provision was reduced to Rs. 1.69 lakhs against which a sum of Rs. 1.41 lakhs was spent during the Plan period and 6.373 lakhs of fingerlings were collected and distributed.

Supply of Fishery Requisites :

Jointly financed by the State and Central governments under G. M. F. campaign, this scheme provides for the supply of necessary requisites *viz.*, nylon nets,

hooks and boats without board motors to the fishermen to exploit the tanks and reservoirs in Telangana area. A sum of Rs. 1.50 lakhs was provided for this purpose in the Second Plan but the provision was subsequently reduced to Rs. 0.89 lakh. A sum of Rs. 0.26 lakh was spent on this scheme during the Plan period and synthetic fibre, hooks and boats were purchased and supplied.

Transport facilities :

With a view to providing quick transport facilities for fish from the landing place to the important marketing centres, a sum of Rs. 0.71 lakh was provided in the Second Plan. During the Plan period, 3 vans were purchased and a sum of Rs. 0.60 lakh was spent on this scheme.

Increased Fish Production :

Under this scheme, special staff was appointed for adoption of scientific pisci culture in 12 selected tanks in each of the 9 zones in the districts of Telangana. An amount of Rs. 1.74 lakhs was provided in the Plan to meet the recurring expenditure on the staff and to increase the fish production. A sum of Rs. 1.36 lakhs was spent on this scheme during the Plan period and 2.58 lakh lbs. of additional fish were produced.

Fisheries Department in Nalgonda District :

One separate fisheries unit was opened in Nalgonda district in 1957-58 with a view to develop the fisheries, at an estimated cost of Rs. 3.00 lakhs. But the provision was subsequently reduced to Rs. 1.54 lakhs. The actual expenditure on this scheme amounted to Rs. 1.27 lakhs and 18.11 lakhs pounds of fish were produced during the Second Plan period thus exceeding the target of 17.20 lakh lbs.

Fisheries Development in Khammam District :

For the development of fisheries in Khammam district, a separate unit with necessary staff was established in 1957-58. A sum of Rs. 1.24 lakhs was spent on this scheme during the Plan period and a additional production of 20.86 lakh lbs. of fish was achieved against the Plan target of 17.20 lakh lbs.

Fisheries Development in Hyderabad District :

With a view to increase the production of fish in Hyderabad district a separate unit was established in the year 1957-58. A sum of Rs. 1.43 lakhs was spent on this scheme during the Plan period and an additional fish production of 6.75 lakh lbs. was achieved as against the Plan target of 17.20 lakh lbs.

Fisheries Development in Adilabad District :

A separate unit with necessary staff was established in Adilabad District during 1957-58 for the development of fisheries. A sum of Rs. 1.12 lakhs was spent on this scheme during the Plan period and 12.05 lakh lbs. of fish were produced.

Additional staff for Head Office :

Consequent on the implementation of Plan schemes, the workload in the Directorate of Fisheries was considerably increased and to meet the increased workload, it was felt necessary to appoint additional staff for which a sum of Rs. 0.11 lakh was provided in the Plan. A sum of Rs. 0.12 lakh was spent during the Plan period on this scheme.

Additional Staff for Research :

Under this scheme, one Research Officer and other N.G.O.'s were appointed in 1958-59 and continued during the Plan period. A sum of Rs. 0.27 lakh was spent on this scheme during the Plan period.

Fish Farms :

An amount of Rs. 3.56 lakhs was provided in the State's Second Plan towards the establishment and maintenance of eight fish farms in Telangana region. But only 6 farms were established during the Plan period where the fry collected from the natural breeding grounds will be made to grow to the size of the finger lings for the ultimate stocking in the selected tanks. A sum of Rs. 2.20 lakhs was spent on this scheme during the Plan period.

Construction of Cold Storage Plant at Nizamsagar :

It was proposed to construct a cold storage plant at Nizamsagar and a provision of Rs. 1.80 lakhs was made in the Second plan. A building was constructed during 1959-60 at a cost of Rs. 1.04 lakhs.

Fisheries Development in Blocks :

With a view to develop fisheries at the block levels, a sum of Rs. 0.25 lakh was provided in the Second Plan but the actual expenditure amounted to Rs. 0.27 lakh.

Deep Water Fishing Operations :

A sum of Rs. 0.50 lakh was provided in the Second Plan for setting up a deep water fishing unit in Warangal district. A sum of Rs. 0.10 lakh was spent against this provision.

Pilot scheme for the preparation of Peptone :

Though originally not included in the Second Five-Year Plan, this scheme was taken up to extract peptone etc., as it is used for medical purposes. This scheme is being subsidised by the I.C.A.R. and the Government of India, while sanctioning the scheme directed that this should be included in the Second Plan. A sum of Rs. 0.11 lakh was provided for this scheme during 1960-61 by reappropriation for meeting the expenditure. A sum of Rs. 0.08 lakh was spent on this scheme during the Plan period.

Scheme for the forming of Fresh Water Prawns in confined waters.

This scheme aims at the systematic study of fresh water prawn culture in congenial waters and the study of any special environment necessary for their breeding in confined waters. This is a scheme financed by the I.C.A.R. and while sanctioning the scheme, it was directed that it should be included in the Annual Plan for 1960-61. A sum of Rs. 0.07 lakh was spent on this scheme during the year.

Scheme for the investigation into improved methods of fish preservation :

This scheme aims at finding out a cheaper and handy preservative to give a long lease to the storage of fish by using several methods like antibiotics, jel made out of Ishophol seeds and also Auroemycin. This is a scheme financed by the I.C.A.R. It was proposed to take up this scheme in the year 1960-61 and by reappropriation the required expenditure of Rs. 0.04 lakh was provided.

Assistance to Co-operatives :

This scheme was implemented during 1957-58 and 1958-59 and fishing nets costing Rs. 0.18 lakh were distributed through the co-operatives.

A sum of Rs. 0.18 lakh was spent on this scheme against the Second Plan revised provision of Rs. 0.21 lakh.

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA										
1.	Intensive Seed Collection and Distribution ..	10.70	9.94	0.49	2.43	1.75	2.21	4.60	11.48	
2.	Salt Subsidy Scheme ..	1.67	1.97	0.16	0.34	0.35	0.52	0.88	2.25	
3.	Improvement of Indegenous Craft & Tackle.	3.33	8.59	0.54	1.27	1.61	3.05	8.78	10.20	
4.	Provision of Quick Transport facilities ..	4.00	6.28	0.14	0.80	2.14	2.13	0.27	5.48	
5.	Tank Development ..	12.00	6.22	..	0.15	1.71	2.93	2.71	7.50	
6.	Fish Farms ..	8.00	3.95	..	..	..	0.05	1.31	1.36
7.	Training Centre for Fishermen at Kakinada ..	2.20	2.56	..	0.09	0.67	0.81	0.85	2.42	
8.	Supply of logs ..	2.50	1.82	..	..	0.20	0.23	0.96	1.39
9.	Deep Water Fishing Experiments ..	2.00	1.33	..	..	0.27	0.34	0.38	0.99
10.	Introduction of new types of nylon fishing nets ..	5.00	2.10	..	0.36	0.34	0.74	1.73	3.17	
11.	Boat Bulding Yard ..	..	1.27	..	..	0.12	0.29	0.42	0.83
12.	Headquarters Staff ..	0.81	0.18	..	..	..	0.06	0.14	0.20
13.	Fisheries Development in Selected Blocks ..	..	0.70	..	..	..	0.03	0.41	0.44
14.	Expanded Nutrition Programme ..	..	0.70	..	..	..	..	..	..
15.	Extraction of Shark Liver Oil ..	..	0.41	..	..	..	..	0.01	0.01
16.	Export of Frog legs and Shrimps ..	..	0.75	..	..	..	..	..	..
17.	Fisheries Training ..	..	0.50	..	..	..	..	0.01	0.01
18.	Provision of Road Facilities ..	0.50	1.00	..	..	..	..	1.19	1.09
19.	Loans to Private Pise ..	..	0.40	..	..	..	..	..	..
20.	Research Unit at N'sagar	2.00	0.50	..	..	..	..	0.08	0.08

(Rupees in lakhs)

Physical Targets and Achievements								
Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Seed distributed	No. in lakhs	350	30	46	50	249	180	555
(a) Fish Cured	Tons	9,000	400	600	2,000	1,288	1,850	6,133
(b) Fish curing Yards	No.	10	5	5	..	..	..	10
Mechanisation of boats	No.	45	5	5	5	..	40	55
(a) Purchase of Vans	No.	14	..	2	2	..	..	4
(b) Carrier boats	No.	2	..	..	..	..	..	..
Boats surveyed and developed	No.	600	..	..	800	572	200	1,072
Nurseries	No.	..	..	..	..	18	..	18
Pickup Vans	No.	9	..	..	..	..	2	2
Planting of Fish Farms	No.	8	..	..	1	..	..	1
Boatmen trained	No. per year.	40	..	..	40	40	40	120
Supply of logs	No.	1000	..	..	17	51	100	168
(a) Deep water Fishing Unit	No.	1	..	..	1	..	1	2
(b) Production of Fish	(Tons)	60	..	..	..	7½	..	7½
(c) Vans	No.	2	..	..	..	..	1	1
(d) Nets	No.	14	..	..	..	..	..	..
(e) Boats	No.	2	..	..	..	..	1	1
Distribution of Nylon Nets	No.	1,000	..	..	874	..	468	1,337
(a) Manufacture of hulls	No.	..	..	..	..	..	28	28
(b) Building Yards	No.	..	..	..	..	4	..	4
Staff Scheme								
Blocks ground	..	..	..	..	..	2	2	4
Not Implemented								
No specific forgets								
Not Implemented								
No specific targets								
Opening of roads	No.	4miles	..	..	..	..	..	..
Not Implemented								
No Specific target								

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57-1957-58	1958-59	1959-60	1960-61			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
21.	Supply of Hulls ..	0.90	0.30	..	..	..	..	..	..
22.	Fisheries Extension and propaganda.	1.00	..	..	..	..	..	..	..
23.	Marine Fishery Station ..	4.00	..	..	..	..	..	..	..
24.	Schools for Fishermen's Children.	2.40	..	..	..	..	..	..	..
25.	Improvement of Fish Markets.	1.40	..	..	..	..	..	..	..
26.	Fisheries Technological Station.	4.84	..	..	..	..	..	..	..
27.	Construction of Aquarium in the State.	5.76	..	..	..	..	..	..	..
	Total for Andhra ..	75.01	51.47	1.33	5.44	9.16	13.39	19.58	48.9	
TELANGANA.										
1.	Distribution of fry and fingerlings and stocking.	5.00	1.69	..	0.01	0.08	0.52	0.30	1.41	
2.	Fishery requisites ..	1.50	0.89	..	..	..	..	0.26	0.26
3.	Transport facilities ..	0.64	0.71	..	..	0.16	0.32	0.12	0.60
4.	Increased fish production in Selected Tank Zones.	3.00	1.74	..	0.01	0.21	0.41	0.73	1.36	
5.	Development of Fisheries in Nalgonda.	3.00	1.54	..	0.01	0.41	0.43	0.42	1.27	
6.	Development of Fisheries in Khammam.	3.00	1.37	..	0.01	0.36	0.40	0.47	1.24	
7.	Development of fisheries in Hyderabad.	3.58	1.46	..	0.02	0.44	0.42	0.55	1.44	
8.	Development of fisheries in Adilabad.	3.00	1.82	..	0.02	0.30	0.37	0.43	1.12	
9.	Addl. Staff for Head Office.	1.00	0.11	..	0.01	0.04	0.03	0.04	0.12	
10.	Addl. Staff for Research	0.80	0.29	..	..	0.07	0.11	0.09	0.27
11.	Fish Farms ..	4.20	3.56	..	0.03	0.22	1.11	0.85	2.24	

(Rupees in lakhs.)

VI
SERIES

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61.
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
	Not implemented.							
..	Not implemented.	..	..	..	..	..	..	..
	Not implemented.							
..	Not implemented	..	..	..	..	..	..	..
	Not implemented.							
..	Not implemented.	..	..	..	..	..	..	..
	Not implemented.							
Distribution of fingerlings	.. Lakhs	35000	..	0.023	1.000	0.350	5.000	6.373
	No specific targets							
(a) Purchase of Vans	.. No.	5	..	..	1	2	..	3
(b) Addl. Production of fish	.. Lakh lbs...	2.25	..	..	..	..	..	..
a) Tanks	.. No.	60	..	..	..	..	..	..
(b) Addl. Production	.. Lakh lbs.	3.00	..	..	..	0.58	2.00	2.58
Addl. production of fish	.. do	17.20	..	..	5.00	7.11	6.00	18.11
do	.. do	17.20	..	..	5.00	9.86	6.00	20.36
do	.. do	17.20	..	..	1.75	..	5.00	6.75
do	.. do	15.00	..	..	1.75	4.30	6.00	12.05
Staff Scheme	.. ..	..	..	..	..	..	..	..
Construction of fish Farms	.. No	..	..	..	4	2	..	6

Sl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
12.	Construction of Cold Storage at Nizamsagar.	..	1.80	..	..	..	1.04	..	1.04
13.	Fisheries Development in Blocks.	..	0.25	..	..	..	..	0.27	0.27
14.	Deep Water Fishing Operations.	1.03	0.50	..	..	..	..	0.10	0.10
15.	Expanded Nutrition Programme	..	0.38	..	..	..	..	0.08	0.08
16.	Pilot Scheme for the preparation of Peptone.	..	..	..	..	..	..	0.08	0.08
17.	Forming of Fresh Water Prawns.	..	..	..	..	..	..	0.07	0.07
18.	Investigation into improved methods of fish preservation	..	..	..	..	..	..	0.04	0.04
19.	Assistance to Co-operatives.	1.25	0.21	..	0.09	0.09	..	..	0.18
20.	Construction of Cold Storage at Hyderabad.	1.48	0.99	..	..	..	..	..	..
21.	Construction of building for Head Office, Musuem, Aquarium and Laboratory	2.30	..	..	..	..	..	..	..
22.	Training of personnel	..	0.75	..	..	..	..	..	..
Total for Telangana		..	35.50	18.81	..	0.20	2.88	5.16	5.35	18.09
Total for Andhra Pradesh		..	110.51	70.28	1.83	5.64	11.54	18.55	24.93	61.99

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Achievements during</i>						<i>Total Achievement during 1956-61</i>	
	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>		<i>1960-61</i>
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Cold Storage Plant	.. No.	1	..	..	..	..	..	..
Blocks covered ..	.. No.	..	..	..	..	..	1	1
Units ..	.. No.	1	..	..	..	..	1	1
..	.. ..	..	..	..	..	..	10	10
		No specific targets.						
		No specific targets.						
		No specific targets.						
distribution of nets	.. Values	1.25 in lakhs Rs,	..	0.09	0.09	..	..	0.18
..	..	Not implemented.						
		.. Not implemented.						
	

CHAPTER XIII.

CO-OPERATION, WAREHOUSING AND MARKETING.

The All India Rural Credit Survey Committee recommended an integrated scheme of rural credit and marketing based on three fundamental features *viz.*, (1) Strengthening of Primary credit structure through establishing large sized units with large membership, strong capital, limited liability and State participation at the Primary, district and Apex levels and State assistance for the revitalisation of existing societies, (2) development of Co-operative Marketing, Warehousing and processing with State Participation and assistance and an effective linking of credit with marketing processing etc., and (3) provision of trained personnel to manage the affairs of Societies, and an attempt was made to implement these recommendations during the Plan period. In all 26 schemes were included in the Plan for 1956-61, with a provision of Rs. 430.33 lakhs. But, the provision was subsequently revised to Rs. 320.89 lakhs taking into account the past performance and further requirements. Against this, a sum of Rs. 310.04 lakhs—204.31 lakhs in the Andhra Region and Rs. 105.73 lakhs in the Telangana Region was spent till the end of March, 1961. The following table indicates the important physical targets and achievements during the period under review :

Sl. No.	Item	Unit	Target for 1956-61	Achievement during 1956-61
1.	Large sized Societies formed.	No.	775	548
2.	Small sized Societies formed.	,,	2,500	5,547
3.	Small sized Societies revitalised.	,,	3,320	4,334
4.	Land Mortgage Banks formed.	,,	23	25

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Target for 1956-61</i>	<i>Achievement during 1956-61</i>
5.	Co-operative Farming Societies formed.	No	53	22
6.	Godowns constructed	,,	280	566
7.	Villages covered (Andhra).		90	91
8.	Rural Population (Andhra).	,,	45	42.5
9.	Issue of short-term loans per year.	Rs. in lakhs.	1,843	1,917
10.	Issue of midium-term loans per year.	,,	140	82
11.	Issue of Long-term loans per year.	,,	230	177.92
12.	Training of Subordinate Personnel.	No.	2,230	2,965
13.	Training of Members and Office bearers.	,,	66,000	92,084

An account of the progress made in respect of each of the schemes implemented during 1956-61 is given below.

Statement XIII appended will show the scheme-wise financial and physical targets and achievements during the period.

ANDHRA.

Expansion of Rural Credit Societies.

The object of this scheme is to reorganise, strengthen and expand the rural credit societies keeping in view the recommendations made by the All-India Rural Credit Survey Committee and the new policy adopted in pursuance of the resolution of the National Development Council. It was proposed to organise 1650 new small credit societies, 500 large sized societies and to

revitalise 1,320 existing Small Societies. The Credit Co-operatives were expected to cover 90% of the villages and 45% of the rural families by the end of the Second Plan. It was also proposed to step up the issue of short and medium term loans for agricultural production purposes from the level of Rs. 5.80 crores in 1955-56 to Rs. 13.26 crores in 1960-61.

Against the above programme, 345 large sized societies (besides 87 more in three districts under the pilot scheme) were established. This programme was given up from 1-4-1960. In addition, 2,616 new small credit societies were actually organised during the Plan period, in view of the new co-operative policy pursued from 1959-60 onwards. At the end of the Plan period, there were 8,431 Primary Agricultural Co-operative Credit Societies covering 88% of the villages in the region, as against 66% of villages covered at the end of 1955-56. Revitalisation of existing small societies was taken up from the year 1959-60 in order to ensure their effective functioning as Service Co-operatives and 2,595 societies were actually revitalised and provided with subsidies towards working expenses. The total membership in Primary Agricultural Credit Societies rose from 6.45 lakhs in 1955-56 representing 19.2% of the total rural families at the commencement of the Plan to 12.76 lakhs representing 36.8 percent of the total rural families at the end of the Plan period. Issue of short and medium term loans for agricultural production purposes was progressively stepped up from the level of Rs. 5.80 crores in 1955-56 to Rs. 13.21 crores in 1960-61, thus almost reaching the Plan target. Inclusive of Rs. 3.42 crores under short term marketing finance and Rs. 1.40 crores under long term finance, the total loans issued by co-operatives for agricultural purposes amounted to Rs. 18.03 crores, representing 13.6 percent of the total annual estimated credit requirements of agriculturists in the region. This achievement is largely due to State Government's contribution over the Plan period to the share capital of large sized societies, central co-operative banks and the Andhra State Co-operative Bank to the extent of Rs. 165.68 lakhs in all, which resulted in a substantial increase in the credit limits obtained from the Reserve Bank of India.

To cope with the increased work consequent on the large expansion indicated above and to ensure more

effective supervision, the Central Banks employed additional staff of 165 junior and 15 senior supervisors towards whose cost Government are providing subsidies for a period of three years on a sliding scale. In pursuance of the new policy, the banks undertook a phased programme of opening branches at the headquarters of marketing societies to secure fullest co-ordination between the Central Banks, Marketing Societies and village societies for the purpose of linking credit with agricultural production on the one hand and with marketing on the other. Upto the end of the Plan period, 17 branches were opened by the banks towards which Government are providing subsidies. Three of the banks at Srikakulam, Kurnool and Chittoor were also assisted to upgrade the posts of Executive Officers.

Towards strengthening of administrative machinery 8 additional Deputy Registrars, circles two in Srikakulam district and one each in the districts of Visakhapatnam, East Godavari, Krishna, Guntur, Nellore and Kurnool have been created besides employing adequate additional staff for audit and other works. The scheme for separation of audit from administration was implemented during 1959-60 with a view to increasing efficiency and ensuring prompt audit. In order to enable the district officers to undertake intensive touring of villages, the Deputy Registrars are being provided with Jeeps under a phased programme commencing from 1959-60. Till the end of the Plan period 17 officers were provided with Jeeps.

An amount of Rs. 44.42 lakhs was spent on this scheme, against the revised provision of Rs. 46.98 lakhs. The slight shortfall is due to delay in the employment of part-time secretaries by village societies and in their claiming subsidies.

Long Term Loans through Land Mortgage Banks:

The object of this scheme is to arrange for the provision of long term loans to the agriculturists repayable in periods upto 20 years through the primary land mortgage banks, for undertaking permanent improvements to land, provision of irrigation facilities, reclamation, land development, etc. Eleven new primary banks were organised during the Plan period, raising the total number of

banks in the region to 67. In order to enable the Central Land Mortgage Bank to augment its resources and expand its activities, Government contributed a sum of Rs. 25 lakhs to its share capital. The disbursement of long-term loans through these banks was stepped up from Rs. 48 lakhs per year prior to the Second Plan period to the level of Rs. 139.72 lakhs in 1960-61. To cope with increased work, additional staff comprising 16 co-operative sub-registrars with 16 peons for attending to the field work and a section in the Head Office was sanctioned besides creating a third Deputy Registrar's circle (in addition to two already existing) and subsidising the cost of 60 additional supervisors employed in the primary land mortgage banks.

Against the revised Plan provision of Rs. 2.26 lakhs an amount of Rs. 2.37 lakhs was spent on this scheme during the Plan period.

Development of Co-operative Marketing.

This scheme aims at the development of co-operative marketing of agricultural produce, providing storage, warehousing processing and marketing facilities to the agriculturists, especially the small and medium producers. Short-term marketing finance against produce and supply of fertilisers and other production requirements are also arranged through these societies. During the Second Plan period it was proposed to construct 61 main godowns at mandi centres by marketing societies, 151 auxiliary godowns by large sized societies and instal 49 processing plants like cotton gins, groundnut docorticators, rice mills, sugarcane crushers, etc. It was also proposed under the scheme to reorganise the existing primary marketing societies into about 110 strong societies covering all important mandi centres and strengthen them with State participation, besides providing services of trained managerial staff with assistance on a sliding scale. The programme further provided for the deputation of departmental officers and non-official personnel for training in marketing.

Against this programme, 193 primary marketing societies, 11 district marketing societies and an apex marketing federation were established and strengthened with

State participation. Financial assistance was also granted towards construction of 95 main godowns by marketing societies, 193 godowns by Large sized societies and 147 rural godowns by marketing and rural credit societies and towards establishment of 39 processing plants such as rice mills, cotton gins, groundnut decorticators etc.

Short term loans against pledge of produce to the extent of Rs. 3 to 3.50 crores per year were issued to agricultural producer-members of marketing and village co-operatives to hold up their produce and secure better prices. Services of Senior Inspectors or trained supervisors were provided to all the societies to work as their managers. Against the revised Plan provision of Rs. 99.50 lakhs, a sum, of Rs. 100.52 lakhs was spent on this scheme. It is significant to mention that the Plan targets in respect of godowns and processing plants have been exceeded considerably and this is due to the new co-operative policy envisaging effective linking of credit with marketing, storage and processing.

Training of Subordinate personnel.

The object of this scheme is to provide adequate facilities for the training of subordinate (junior) personnel recruited for the department at the Central Co-operative Institute, Hyderabad and non-official personnel employed or seeking employment in the co-operative institutions through the Regional Training Institutes in Rajahmundry and Anantapur. To meet the increased demand for more trained non-official personnel in view of the increase in the number of Co-operatives and the general expansion of their activities, one more new institute was established at Vijayawada during 1960-61. Typewriting has been included as one of the subjects taught at the Central Co-operative Institute, Hyderabad.

During the Second Plan period 962 subordinate officers and 1447, non-official candidates were trained at these institutes. An expenditure of Rs. 15.83 lakhs was incurred on the scheme against the revised Plan provision of Rs. 15.41 lakhs.

Education of members and office-bearers.

The scheme which was drawn up on the pattern of the scheme sponsored by the Government of India through the All-India Co-operative union, New Delhi,

envisages the training of panchayatdars for one week and office-bearers for about six weeks in the principles and practice of co-operation, management of institutions, maintenance of accounts etc., and ordinary members and prospective members of village co-operatives for 3 days in co-operative principles. The scheme is implemented through the State Co-operative Union, Rajahmundry. Government have provided the free service of a Deputy Registrar to work as the Development Officer-in-charge of the scheme and Co-operative Sub-Registrars to work as Instructors. In each district, two peripatetic units are functioning for the purpose.

During the Second Plan Period 1209 office bearers, 20,576 Panchayatdars and 42,254 members were trained under the scheme and an amount of Rs. 1.12 lakhs was spent on this scheme against the revised provision of Rs. 1.29 lakhs.

Marketing of Coconuts.

Under this scheme, which was sponsored by the Indian Central Coconut Committee, three coconut marketing co-operative societies, one each at Amalapuram, Razole and Kothapeta in the East Godavari District, where coconuts are abundantly grown, were organised for the benefit of the coconut growers. These societies were assisted financially towards the installation of chula copra dryers and construction of godowns in 1958-59 and provided with subsidies towards managerial staff and contingencies.

Against the Plan outlay of Rs. 1.07 lakhs an amount of Rs. 1.01 lakhs was spent during the Second Plan period.

Tobacco Marketing.

Under this scheme, a sum of Rs. 0.12 lakh was sanctioned as subsidy to the Tobacco Grower's Co-operative Society in Guntur district for raising tobacco seedlings during 1958-59. A proposal to instal two re-drying plants by the above society had to be dropped as the grant from the Government of India was not forthcoming to the required extent.

Research, Survey and Statistics.

This scheme envisaged the organisation, of a separate Research, Survey and Statistical wing in the Co-operative Department for the collection and compilation of statistics and to study the benefits derived by the public and analyse the results in connection with the implementation of several schemes of the department, to formulate policies and devise remedial measures, to obviate bottlenecks, if any, etc. Special staff consisting of one Senior Inspectors in each Deputy Registrar's circle was appointed besides the creation of a section in the Head office for work connected with the collection and compilation of statistics.

An amount of Rs. 2.28 lakhs was spent on this scheme during the Second Plan period.

Labour Contract and Forest Coupe Societies.

The scheme envisaged sanction of loans and subsidies to the Labour Contract and Forest Coupe Societies newly organised or revived so as to enable them to secure works and provide employment to the labour classes and agricultural workers in the off season. Under this scheme interest-free loans were given to the societies towards working capital and subsidies towards the cost of managerial staff. During the Second Plan period a sum of Rs. 1.11 lakhs was spent by providing financial assistance to 15 Forest Coupe Societies and 22 Labour Contract Societies.

Co-operative Farming.

While policy in regard to promotion of Co-operative farming is yet to be laid down in pursuance of the decisions of the Government of India based on the recommendations of the Working Group on Co-operative Farming, some attempts to establish co-operative farming societies wherever conditions were favourable, were made under the scheme.

During the Second Plan period, it was proposed to organise 15 Co-operative farming societies and to provide necessary assistance to them. Against this programme, 12 co-operative farming Societies, 7 of the joint farming type and 5 of the Collective farming type, were organised during the Plan period. The Tokalpalli and the Bhujabalapatnam collective farming societies in the Kollair

lake area with over 1,000 members and 2,300 acres of land and the joint farming Society at Sankuchakrapuram in the West Godavari district in which 56 land owners have voluntarily pooled their lands to the extent of 290 acres and are carrying on cultivation jointly, deserve special mention. Against a revised provision of Rs. 2.85 lakhs an amount of Rs. 2.09 lakhs was spent on this scheme.

Pilot scheme of Integrated Rural Credit.

The pilot scheme of integrated rural credit was Formulated to implement the recommendations of the All India Rural Credit Survey Committee on a pilot basis, in select Districts, so that the experience gained may be useful in extending the scheme all over the State. The scheme was implemented during the years 1956-57 and 1957-58, in the taluks of Anakapalle and Yellamanchelli in the Viskhapatnam district, Eluru and Tadepalligudem in the West Godavari District and Alur, Adoni and Pattikonda in the Kurnool District, under which 87 large sized societies were established and strengthened with State participation. Marketing activities were also developed simultaneously with the construction of 6 main godowns by marketing societies and 33 godowns by large sized societies besides establishment of 4 processing plants. As a result of the scheme, issue of loans to agriculturists in the areas was considerably stepped up besides making available adequate storage and marketing facilities.

A sum of Rs. 14.44 lakhs was spent on this scheme.

State Warehousing Corporation.

A State Ware Housing Corporation was established in this State during 1958-59 which will function under the Director of Central Warehousing Board, to provide an important link between the activities of the credit and non-credit societies. The receipts on warehousing are treated as negotiable instruments on the security of which banking institutions can provide credit to those who deposit agricultural produce in warehouses. A State Warehousing Corporation was therefore established in the State in 1958-59. By the end of Second Plan period warehousing centres have been established at 17 places 10 in Andhra and 7 in Telangana regions. Two more

warehousing centres at Bhainsa and Dronachalam were originally contemplated for Second Plan. They are being opened early in 1961-62 of Third Plan.

In addition to these 19 centres, it is proposed to establish 20 warehousing centres during Third Plan.

An expenditure of Rs. 2.50 lakhs has been incurred on this scheme during the Second Plan period.

Scheme for the construction of Market Yards and Godowns.

In Guntur district where tobacco is largely grown and ready disposals of stock take place, no sufficient godown accommodation is available for want of which growers are often forced to undersell their stocks to their disadvantage. To overcome this handicap, it was proposed to construct 12 (twelve) godowns at various places in Guntur district during the Second Plan period at a total cost of Rs. 20.00 lakhs. As similar difficulty is experienced for stocking agricultural commodities in the districts of Srikakulam, Cuddapah and Kurnool, the scheme is extended to these districts also in the year 1960-61. In this scheme loans are sanctioned to the Market Committees for the construction of Market Yards and godowns. An amount of Rs. 14.00 lakhs has been sanctioned to the Market Committees in the Plan period for the construction of 13 Market Yards as indicated below :—

1. Parchoor. . . Guntur district.
2. Yedugundlapadu . . . Do.
3. Chilakalooripet . . . Guntur district Rs. 9.00 lakhs.
4. Sattenapalli . . . Guntur district Rs. 9.00 lakhs.
5. Mangalagiri . . . Do. Do.
6. Srikakulam . . . Srikakulam District Rs. 5.00 lakhs
7. Cuddapah . . . Cuddapah district Rs. 5.00 lakhs.
8. Adoni . . . Kurnool district. Rs. 5.00 lakhs.

TELANGANA

Expansion of Rural Credit Societies :—

This scheme, which was formulated on the lines of the counter part scheme for Andhra Region, envisages the reorganisation, strengthening and expansion of rural credit societies in the Telangana Region. The programme under this scheme during the Second Plan period was to organise 191 large sized societies in select places, 850 new small credit societies and revitalisation of 2,000 existing small societies. It was also proposed to step up the issue of short and medium term loans for agricultural purposes from the level of Rs. 0.53 crores in 1955-56 to Rs. 2.56 crores in 1960-61. In order to increase the administrative efficiency, it was also proposed to bifurcate the district offices in all the districts into two Deputy Registrars circles each and to sanction additional staff of Co-operative Sub-Registrars, Senior Inspectors, etc., to all circles for assisting the Deputy Registrars on the pattern of the staff in the Andhra Region.

Against the above programme 116 larger sized societies were established. This programme was given up from 1st April 1960. In addition, 2,931 new small credit societies were actually organised during the Plan period in view of the new co-operative policy pursued from 1959-60 onwards. At the end of the Plan period there were 5,670 primary agricultural credit societies covering 78% of the villages in the region as against 32% of villages covered at the end of 1955-56. Revitalisation of existing small societies by providing financial assistance by way of subsidies towards the cost of managerial staff, with a view to ensure their effective functioning as service co-operatives was taken up from 1959-60 and actually 1,739 societies were revitalised. The total membership in primary agricultural credit societies rose from 0.95 lakhs in 1955-56 representing about 5 per cent of the rural families in the State to 3.13 lakhs at the end of the Plan period, representing 18.5 per cent of the total rural families. In view of the limited resources of the apex and central banks in the region to finance agricultural operations adequately, a larger coverage of rural families was not practicable. The amount of short and medium term loans issued through co-operatives for agricultural

production purposes was also stepped up from the level of about Rs. 53 lakhs in 1955-56 to Rs. 334 lakhs in 1960-61, thus exceeding the Plan target. In fact, a higher target of Rs. 500 lakhs was aimed at but it could not be reached owing to sanction of credit limit of Rs. 4 crores only by the Reserve Bank of India against Rs. 5 crores applied for and the late sanction of medium term loans of Rs. 30 lakhs in 1960-61. Inclusive of Rs. 38 lakhs under long term and Rs. 2 lakhs under short term marketing finance, loans to the tune of Rs. 3.74 crores were issued during the last year of the Plan, representing 11.3 per cent of the total annual estimated credit requirements of agriculturists in the region. The achievement is largely due to State Government's contribution to share capital of large sized societies, central banks and the Hyderabad Co-operative Apex Bank to the extent of Rs. 46.25 lakhs in all, which resulted in a substantial increase in the credit limits obtained from the Reserve Bank of India.

To cope with the increased work, the central banks were provided with the free services of departmental officers to work as their paid secretaries and executive officers till the end of the Plan period under review, in addition to subsidies towards the employment of one Accountant, one U.D.C. and one L.D.C. in each of the banks. Supervision over primary agricultural credit societies, which was in the hands of Government was entrusted to the financing banks and besides transferring the services of all existing supervisors to control the banks Government provided subsidies towards employment of 100 additional supervisors and 10 Senior Supervisors. Thirteen new branches were also opened by the central banks, towards which subsidies were sanctioned. Towards the strengthening of the administrative machinery, eight additional Deputy Registrars circles, one each in all the districts, excepting Khammam district were created, besides sanctioning additional staff of Co-operative Sub-Registrars, Senior Inspectors, Junior Inspectors, etc., to all circles for audit and other functions. The scheme for separation of audit from administration so as to ensure prompt and efficient audit was also given effect to during the year 1959-60 by creating 3 Regional Audit Offices, each in charge of one Deputy Registrar and 9 District Audit Offices in charge of one Co-operative, Sub-Registrar. In order to enable the District Officers to undertake intensive touring of villages, the Deputy

Registrars are being provided with Jeeps under a phased programme commencing from 1959-60. Till the end of the Plan period, 10 officers were provided with Jeeps.

An amount of Rs. 31.81 lakhs was spent during the Plan period against the revised provision of Rs. 34.44 lakhs and the original provision of Rs. 22.27 lakhs.

Development of Land Mortgage Banks :

The object of this scheme is to arrange for the provision of long term loans repayable in periods up to 20 years through the primary land mortgage societies for effecting permanent improvements to land, provision of irrigation facilities, etc. At the commencement of the Plan there were only 12 societies in the region. A phased programme to organise 23 new societies so as to ensure coverage of all taluks in the region was drawn up against which, 25 new societies were actually organised. Free services of one Senior Inspector and one Supervisor have been provided to each of these societies. A special staff of 9 Co-operative Sub-Registrars was appointed besides the creation of a separate Deputy Registrar's Circle for scrutiny of loan applications and land valuation work, etc. The annual issue of long term loans by the societies was stepped up from Rs. 3.86 lakhs per year prior to the Second Plan to Rs. 38.20 lakhs by the end of the Plan period.

Against the revised Plan provision of Rs. 3.28 lakhs, an amount of Rs. 3.14 lakhs was spent on this scheme.

Development of Co-operative Marketing :

This scheme was formulated on the same lines as that of its counterpart in Andhra area. The programme during the Second Plan period was to establish 50 primary marketing societies at important mandi centres, mostly by reorganisation of existing Taluka Agricultural Co-operative Associations and to strengthen them with State participation. The programme also included construction of 25 godowns by select marketing societies, 40 godowns by the large sized societies, and rural godowns, by marketing and credit societies and the installation of processing plants like cotton gins, groundnut decorticators, rice mills etc., by select societies. It was also proposed under this scheme to provide free services of trained managerial staff to the marketing societies.

Against this programme, 62 primary marketing societies and 4 district marketing societies were actually established and strengthened with State participation. Financial assistance by way of loans and grants was also sanctioned towards the construction of 42 main godowns by marketing societies, 40 godowns by large sized societies and 46 rural godowns by marketing and credit societies and establishment of 19 processing plants by select marketing societies. Free services of Senior Inspectors were sanctioned to the societies to work as their managers.

An amount of Rs. 47.39 lakhs was spent on this scheme during the Second Plan period against the revised provision of Rs. 47.47 lakhs and the original provision of Rs. 41.83 lakhs.

Training of Subordinate personnel :

This scheme aims at imparting training to the subordinate officials at the Central Co-operative Institute Hyderabad and to non-Official personnel seeking employment in cooperative institutions in the Co-operative Training College, Hyderabad. During the Second Plan period 279 subordinate officers and 277 non-official candidates were trained. Typewriting has been included as one of the subjects taught at the Central Co-operative Institute, Hyderabad. To meet the increased demand for more and more of trained non-official personnel from both Andhra and Telangana Regions, one more training institute was established at Vijayawada, which also caters to the needs of the Telangana Region.

Against the provision of Rs. 8.15 lakhs towards the salaries of teaching staff, stipends, T.A. to trainees, etc. an amount of Rs. 7.36 lakhs was spent during the Second Plan period.

Education of Members, etc.

This scheme was formulated on the same lines as that of its counter part in Andhra area and aims at the training and education of panchayatdars, office-bearers and members of co-operative societies through peripatetic training units functioning at the district level. In each district two units are functioning.

During the Second Plan period 967 office bearers, 4,224 panchayatdars and 2,2854 members were trained and a sum of Rs. 0.60 lakh was spent on this scheme against the revised Plan provision of Rs. 0.69 lakh.

Federation of Labour Co-operatives Ltd.

An amount of Rs. 3.00 lakhs was spent during the Second Plan period by providing financial assistance to the Federation of Labour Co-operatives Ltd., Hyderabad so as to enable it to provide raw materials, necessary funds and other facilities to the affiliated societies for carrying on their work as per the contracts entrusted to them by the Federation.

Co-operative Farming :

As in the case of Andhra, only some attempts were made to organise co-operative farming societies, wherever conditions were favourable, though a definite policy in this regard had yet to be laid down. Against a target of 38 co-operative farming societies for the Second Plan period, only ten societies were organised and financial assistance was also given to them.

Against the revised provision of Rs. 1.26 lakhs an amount of Rs. 1.27 lakhs was spent during the Plan period.

Improvement of Gur and Khandsari Manufacture, Marketing and Storage of Gur.

The object of the scheme is to finding methods for producing good quality of gur and devising proper methods of storing to enable the producer to get better price in the market. The scheme was implemented at Sugarcane Research Station, Rudrur during 1958-59 with a staff consisting of one gur assistant, one field man, and one laboratory attender. An amount of Rs. 0.16 lakh has been incurred against a target of Rs. 0.18 lakh during the entire Plan period.

State Warehousing Corporation :

The State Warehousing Corporation was established in this State during 1958-59 which will function under the direction of the Central Warehousing Board.

This is an investment scheme, according to which financial assistance in the form of loans to the State Warehousing Corporation is envisaged. Warehousing receipts will be treated as negotiable instruments on the security of which banking institutions can provide credit to those who deposit agricultural produce in warehouses. By the end of Second Plan 17 warehouses were established at 17 places—10 in Andhra area and 7 in Telangana regions. Two more warehousing centres at Bhainsa and Dronachallem were originally contemplated for Second Plan. They are being opened early in 1961-62 of III Plan. In addition to these 19 centres, it is proposed to establish 20 warehousing centres during III plan.

Against a revised target of Rs. 10.00 lakhs during Second Plan a sum of Rs. 7.50 lakhs has been incurred in Telangana region, by way of contributing share capital.

STATEMENT
CO-OPERATION, WAREHOUSING

Srl. No.	Name of the Schemes	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA.										
1.	Expansion of rural credit societies ..	42.18	46.98	0.82	2.31	5.72	13.27	22.80	44.45	
	
	
	
2.	Long term loans through land mortgage banks..	2.55	2.26	0.08	0.18	0.44	0.73	0.94	2.87	
3.	Development of Co-operative marketing ..	149.03	99.50	0.58	12.71	26.83	44.52	15.88	100.55	
		7.25	15.41	2.23	1.57	1.31	7.30	3.42	15.8	

III.
AND MARKETING.

Physical Targets and Achievements

Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Large sized societies formed.	No.	500	100	81	164	..	..	845
Small societies :								
(i) Organisation of new Societies.	No.	1,850	202	208	402	628	906	2,616
(ii) Revitalisation ..	..	1,820	..	..	..	1,830	1,265	2,595
Villages covered ..	%	90	66.7	71.4	80.5	88.2	91.0	91.0
Rural population served (excluding agencies).	..	45	20	26	80.9	36.1	42.5	42.5
Issue of short term loans per year.	Rs. in lakhs.	1,226	558	665	872	1,048	1,289	1,289
Issue of medium term loans per year.	..	100	85	118	55	45	82	82
Issue of long term loans per year.	..	155	71	75	71	111	139.72	139.72
Issue of short term loans per year.	Rs. in lakhs.	400	291	352	321	300	342	342
Construction of godowns by :—								
(i) Marketing Societies ..	No.	61	2	16	23	27	27	95
(ii) Large sized societies ..	..	151	38	29	51	80	..	198
Processing plants developed.	..	40	1	6	8	22	2	39
Formation of Dist. Marketing Societies.	..	11	8	2	1	..	..	11
Formation of State Marketing Societies.	..	1	..	1	..	..	..	1
Rural godowns ..	..	..	..	..	..	23	124	147
Subordinate officers trained.	No.	750	199	31	..	602	130	962
Non-officials trained ..	..	750	275	300	305	209	358	1,447

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5.	Education of members and office bearers ..	15.23	1.29	..	..	0.16	0.40	0.56	1.12
6.	Co-operative marketing of coconuts ..	1.72	1.07	..	..	0.78	0.10	0.18	1.01
7.	Tobacco Marketing ..	15.78	0.12	..	..	0.12	..	..	0.12
8.	Research, Survey and Statistics ..	3.12	2.38	..	0.17	0.53	0.77	0.81	2.28
9.	Formation of labour contract and forest coup societies.	1.80	1.17	..	0.07	0.84	0.85	0.85	1.11
10.	Co-operative farming ..	4.18	2.85	..	0.25	1.16	0.52	0.16	2.09
11.	Pilot schemes of rural credit ..	16.84	14.44	9.84	3.33	0.77	..	..	14.44
12.	State Warehousing Corporation.	20.00	5.00	..	..	..	2.50	..	2.50
13.	Construction of Market yards.	19.60	14.00	..	3.00	2.00	4.00	5.00	14.00
14.	State Co-operative Development Fund ..	5.24	1.00	..	1.00	..	..	..	1.00
15.	Agricultural credit fund.	5.00	1.50	..	1.50	..	..	..	1.50
Total for Andhra ..		809.02	208.92	18.05	26.59	40.16	74.46	50.05	204.81

Physical Targets and Achievements

Item	Unit	Target for 2nd plan peri- od (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Candidates trained:—								
(a) Office bearers	.. No.	36,000	..	..	..	447	762	1,209
(b) Paichayatdars	.. „		..	7,571	8,626	1,932	2,447	20,576
(c) Members	.. „		..	..	..	12,210	24,582	42,254
(d) Others	.. „		..	..	..	5,552		
) Coconut marketing socie- ties formed.	No.	8	..	..	8	..	..	8
) Construction of godowns.	..	8	..	..	8	..	..	8
) Redrying plants installed.	..	2	..	..	..	..	..	..
) Subsidy to tobacco mar- keting society, Guntur.	Rs. in lakhs	N.A.	..	..	0.12	..	..	0.12
Staff scheme	.. ..	..	..	..	..	..	..	..
) Forest coup societies formed and developed.	No.	15	..	1	4	8	2	15
) Labour contract Societies formed and developed.	No.	15	..	1	4	10	7	22
) Societies formed	.. No.	15	..	1	5	4	2	12
) Colonists settled on land.	..	N.A.	..	60	1,286	114	N.A.	1,460
) Land brought under culti- vation.	Acres.	N.A.	..	800	2,950	529	N.A.	8,779
) Large sized societies	.. No.	84	87	..	..	..	..	87
) Share capital contribu- tion.	Rs. in lakhs	5.00	..	..	..	2.50	..	2.50
) Market yards	.. No.	12	..	2	2	4	5	18

No Specific Targets

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
TELANGANA.										
1.	Expansion of rural credit societies.	22.27	84.44	..	0.04	2.20	6.53	28.04	31.81	
	
	
	
2.	Development of primary land mortgage banks.	5.82	8.28	..	0.10	0.48	1.13	1.48	3.14	
3.	Development of Co-operative marketing.	41.83	47.47	0.30	1.68	10.37	28.10	6.99	47.89	
4.	Training of subordinate personnel.	4.19	8.15	..	0.41	1.41	3.58	2.01	7.86	

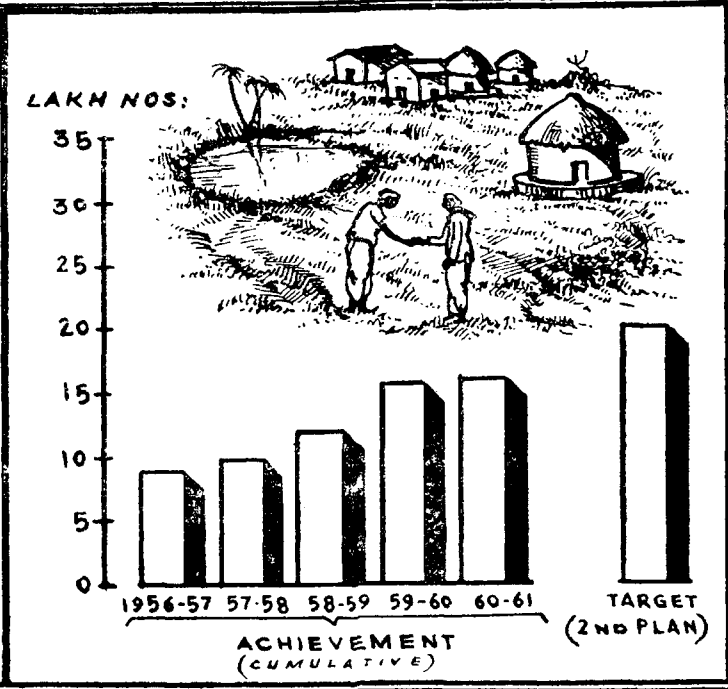
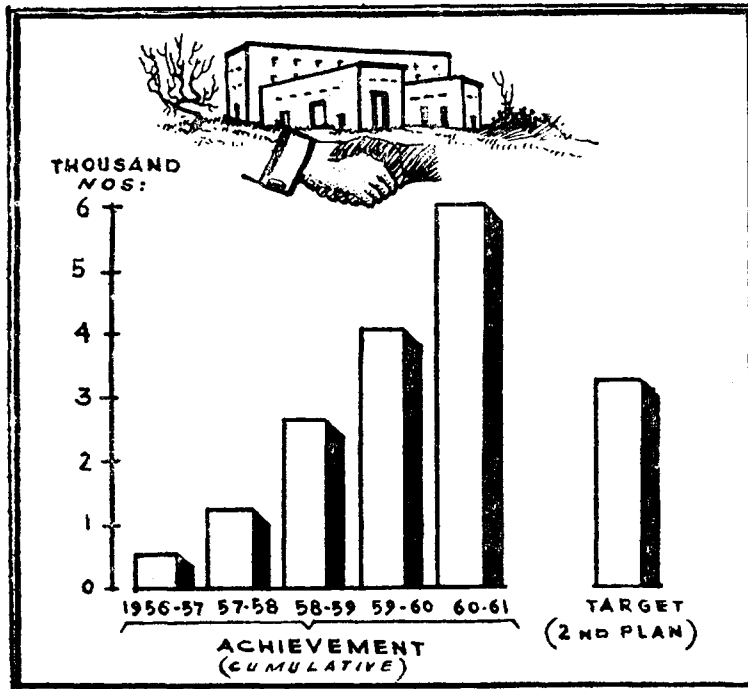
Item	Physical Targets and Achievements							
	Achievements during							Total Achievement during 1956-61
	Unit	Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59-	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
a) Large sized societies formed.	No.	191	22	30	64	..	..	116
b) Small societies:—								
(i) New societies formed.	No.	850	113	407	656	788	972	2,901
(ii) Revitalisation .. ..	..	2,000	..	..	..	488	1,256	1,739
(c) Issue of short term loans per year.	Rs. in lakhs.	215	46	94	120	280	334	874
(d) Issue of medium term loans per year.	..	40	6	5	11	..	..	22
(a) Primary land mortgage banks formed.	No.	23	..	4	10	5	6	25
(b) Issue of long term loans.	Rs. in lakhs.	75	7	8	10	28	38.20	90.20
a) Marketing societies formed.	No.	50	3	7	29	15	8	62
b) Issue of short term loans against produce.	Rs. in lakhs.	2.00	..	..	..	..	2.00	2.00
(c) Construction of godowns by:—								
(i) Marketing societies ..	No.	25	..	1	8	24	9	42
(ii) Large sized societies ..	..	40	..	5	18	17	..	40
(d) Installation of processing Plants.	No.	N.A.	..	..	..	17	2	19
(e) District marketing societies.	..	..	..	..	..	2	2	4
(f) Rural godowns .. ..	..	..	..	..	..	14	32	46
(a) Departmental officers trained.	..	450	..	50	118	66	50	270
(b) Non-official personnel trained.	..	280	..	32	18	70	157	277

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
5.	Education of members and office-bearers.	3.90	0.69	..	..	0.11	0.17	0.82	0.60
6.	Federation of Labour Co-operatives, Ltd.	..	8.00	..	..	..	1.00	2.00	3.00
7.	Co-operative farming ..	5.48	1.26	..	..	0.82	0.40	0.05	1.27
8.	Scheme for improvement of Gur and Khandasari manufacture marketing and storage of gur.	0.82	0.18	..	..	0.04	0.06	0.06	0.16
9.	State Warehousing Corporation.	20.00	10.00	..	..	5.00	2.50	..	7.50
10.	Co-operative Development fund.	10.00	2.00	2.00	..	..	..	..	2.00
11.	Relief and Guarantee fund.	8.00	1.50	1.50	..	..	..	..	1.50
Total for Telangana ..		121.31	111.97	3.80	2.18	20.43	48.42	35.90	105.78
Grand Total for Andhra Pradesh.		430.33	320.89	16.85	28.77	60.59	117.88	85.95	310.04

Co-operation

CO-OPERATIVE SOCIETIES STARTED

MEMBERSHIP OF VILLAGE CO-OPERATIVES



CHAPTER XIV

MISCELLANEOUS.

Consolidation of Holdings.

An amount of Rs. 9.63 lakhs was provided for the scheme for Consolidation of Holdings in the revised Plan against which an amount of Rs. 11.00 lakhs was spent during the Plan Period.

This scheme was implemented only in Telangana as the legislation for the extension of the consolidation work to Andhra region was not passed by the Legislature. In Telangana this scheme was taken up by the erstwhile Hyderabad Government in 1955-56 on an experimental basis and was included in the Plan in 1957-58. By the end of the Plan period, the work of consolidation of holdings was in progress in 359 villages Kamareddy, Siddipet, Chinnur and Nirmal taluks covering an area of about 8.03 lakh acres.

During the Plan period, it was proposed to cover an area of 5.00 lakh acres but only an area of 3.12 lakh acres was actually covered during the period. By the end of March, 1961, field survey in respect of 183 villages, recess work in respect of 132 villages, valuation of lands in respect of 242 villages, blocking of plots in respect of 202 villages, publication of draft schemes in respect of 161 villages, confirmation of schemes in respect of 90 villages and exchange of possessions in respect of 62 villages were completed.

Development of Ayacut under Irrigation Projects :—

During the years 1956-61, a sum of Rs. 81.10 lakhs was originally provided for the development of various schemes in the project areas of Telengana region of the State. The final provision after surrender was Rs. 6.60 lakhs.

The following schemes were implemented :

1. Appointment of Upper Division Clerk and Lower Division Clerk in Collectors Office, Mahboobnagar,
2. Appointment of Special Development staff in Collectors' Office, Nizamabad.

8. Co- operative Schemes under Nizam sagar Project
4. Localisation scheme in Kaddam project area.
5. Antiliver Fluke scheme under Nizamsagar Project.
6. Integrated Soil Survey Scheme in Musi and Kaddam Project.
7. Compost Development scheme in Nizamsagar Project area.
8. Special Propaganda staff and establishment of demonstration farms in Rojolibunda Diversion Scheme.
9. Demonstration Farm in Musi Project area.
10. Special Propaganda staff and opening of sub-godown under Sarlasagar Project.
11. Animal Husbandry scheme (Insemination centre) under Musi Project.
12. Animal Husbandry Scheme in Kaddam Project
13. Poultry unit in Kaddam Project.
14. Duck rearing centres in Nizamsagar Project. area.
15. Development of fisheries under Nizamsagar.
16. Development of fisheries under Koilsagar.
17. Appointment of Special Tahsildar and staff for land acquisition in Kaddam Project.
18. Appointment of Jeep driver in Warangal district.
19. Appointment of Jeep driver in Medak district.
20. Localisation scheme in Musi Project.
21. Appointment of Special Revenue Officer and staff in Musi Project.

22. Scheme for conducting soil and crop nutrient survey in Bheemanapalli and Pendli Pakala Projects in Nalgonda district.
23. Opening of subsidised demonstration plots in project areas.
24. Scheme for poultry and sheep farm in Musi Project.
25. Appointment of Lower Division Clerk in Deputy Collector's Office, Nirmal.
26. Purchase of agricultural implements for use in Project areas.
27. Distribution of livestock in Musi Project.
28. Free distribution of livestock in Kaddam Project.

The expenditure incurred and so far reported on these schemes was Rs. 4.127 lakhs.

Srl. No.	Name of the Scheme	Financial Targets and Achievements								
		Second Plan Provision		Expenditure incurred in					Total Expenditure.	
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA										
1.	Consolidation of Holdings (Andhra)	14.88
TELANGANA										
1.	Consolidation of Holdings (Telangana)	5.70	9.63	1.18	1.76	1.91	2.05	4.10	11.00	
2.	Development of Ayacut under irrigation Projects.	81.10	6.60	..	..	..	..	4.13	4.13
Total		..	101.63	16.23	1.18	1.76	1.91	2.05	8.23	15.13

CHAPTER XV.

Strengthening of Panchayats.

In view of the increasing responsibilities of panchayats after the advent of the various development programmes, it was proposed to re-organise the administrative set up of the supervisory and field staff connected with the panchayat administration so as to ensure the greater participation of the panchayats in the development programmes.

This scheme was initiated during 1958-59 and by the end of 1960-61 53 posts of Divisional Panchayat Officers, 22 Panchayat Inspectors and 1 post of Superintendent were created. In addition, the offices of the District Panchayat Officers were strengthened by the appointment of 83 U.D.Cs. 253 L.D.Cs., and 30 Typists. It was further proposed to train 397 Deputy Panchayat Officers, District Panchayat Officers and Extension Officers in the two Extension Training Centres at Rajendranagar and Samalkot, and the targetted number of persons were actually trained by the end of 1960-61. During 1960-61 one Divisional Panchayat Officer, 1 U.D.C. and 10 Typists were appointed and 162 persons were trained.

An amount of Rs. 24.63 lakhs was provided in the revised Plan for this scheme out of which a sum of Rs. 22.20 lakhs was spent during the Plan period.

XV

PANCHAYATS

Physical Targets and Achievements

Item	Achievements during						Total Achieve- ment during 1956-61	
	Unit	Target for 2nd plan period	1956-57	1957-58	1958-59	1959-60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1. Persons trained	.. No.	397	..	..	..	235	162	397
2. Appointment of —								
(a) Divisional Panchayat Officers	52	..	1	53
(b) Panchayat Inspectors	22	..	..	22
(c) Superintendents	1	..	..	1
(d) Upper Divisional Clerks	82	..	1	83
(e) Lower Division Clerks	212	41	..	253
(f) Typists	20	..	10	30
(g) Attenders	8	..	..	8
(h) Peons	138	..	2	140
(i) Drivers	7	..	..	7
(j) Jeeps	7	..	..	7

CHAPTER XVI.

COMMUNITY DEVELOPMENT

The Community Development Programme initiated in 1952 has come to stay for effectively organising all rural development programme. In view of the good results achieved in the first two Plans, it has developed into a permanent administrative pattern to carry forward the development process initiated through the blocks. The entire State will be covered by the Community Development Programme by October 1963. Towards this and to continue the programme initiated in the First Plan, a sum of Rs. 1,539.74 lakhs was originally provided in the Plan for 1956-61. Subsequently, this provision was enhanced to Rs. 1,621.54 lakhs and against this, by the end of March 1961 there was an expenditure of Rs. 1,609.35 lakhs—Rs. 1,068.40 lakhs in the Andhra region and Rs. 540.95 lakhs in the Telengana region.

During 1959-60, a basic reappraisal and the reorganisation of the programme took place on the recommendations of the Study Team led by Sri Balwant Rai G. Mehta. The reorganisation affected the administrative as well as the financial frame-work of the programme. In order to make the programme a real people's programme, and to utilise it for helping democracy to strike roots amongst the people, a democratic decentralisation of the entire administrative set up of the blocks was taken up by transferring the implementation of community Development Programme to the statutory democratic bodies viz. Panchayats at village level, Panchayat Samithis at block level and Zilla Parishad at district level.

At the beginning of the Second Plan, there were 2 M.P. Blocks, 28 Community Development Blocks and 47 N.E.S. and 12 Post Intensive Blocks covering an area of 17,633 Square miles and 4,709 villages with a population of 57 lakhs. The pattern and frame work of the programme was also altered as a result of the implementation of the recommendation of Sri Balwant Rai G. Mehta. Thus, in the place of N.E.S. Blocks, Community Development Blocks and Post Intensive Blocks, the programme was divided into two phases of five years each viz. Stage I and Stage II Blocks and by the end of the

Second Plan, there were in all 326 Blocks—4 Multi-purpose Blocks situated in tribal areas, 5 Community Development Blocks, 82 Stage II Blocks, 192 Stage I Blocks and 43 Pre-Extension Blocks covering an area of 73,570 square miles and 20,901 villages with a rural population of 206 lakhs representing 69.4% of the total area, 77.2% of the total villages and 69.3% of the total rural population.

Statements XVI and XVII appended show the financial and physical targets and achievements under this programme during 1956-61.

STATEMENT XVI
COMMUNITY DEVELOPMENT

STATEMENT SHOWING SELECTED PHYSICAL TARGETS AND ACHIEVEMENTS DURING THE SECOND PLAN PERIOD.
(Rs. in lakhs.)

Sl. No.	Name of the Scheme	Second Plan Provision (Revised)	Expenditure incurred during					Total Expenditure
			1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
ANDHRA								
	Community Development programme	1087.74	129.70	193.72	199.84	250.33	294.81	1068.40
TELENGANA								
	Community Development programme	533.80	50.31	95.03	126.93	123.20	145.48	540.95
	Total for Andhra Pradesh ..	1621.54	180.01	288.75	326.77	373.53	440.29	1609.35

STATEMENT XVII.

IMPORTANT PHYSICAL ACHIEVEMENTS UNDER COMMUNITY DEVELOPMENT PROGRAMME DURING 1956-61

Sl. No.	Item	Unit	Second Plan Target	Achievements During				
				1956-57	1957-58	1958-59	1959-60	1960-61
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.	Improved Seeds distributed	.. Lakh tons	Not fixed	0.23	0.32	0.41	0.37	0.36
2.	Chemical fertilisers distributed	.. „	„	0.85	1.09	1.17	1.23	1.24
3.	Improved Animals supplied	.. No.	„	2,272	2,779	4,191	3,128	5,743
4.	Improved birds supplied	.. No.	„	44,271	61,593	71,266	46,543	75,576
5.	Additional area brought under irrigation.	Acres	„	1,36,261	1,89,769	1,33,897	34,908	23,767
6.	Khacha Roads constructed	.. Miles	„	1,741	7,072	1,890	1,952	2,585
7.	Drinking Water Wells constructed	.. No.	„	2,497	2,710	4,289	3,884	3,700
8.	Adults made literate ..	.. „	„	76,003	79,256	77,618	59,869	57,763

9. Smokeless Chullas constructed	..	..	..	N.A.	N.A.	40,115	30,628	16,844
10. Units of People's Organisations functioning (Youth Clubs and Mahila Samithis)		..	..	N.A.	N.A.	N.A.	12,550	6,835
11. Amber Charkhas introduced	..	..	..	N.A.	N.A.	N.A.	3,838	4,499
12. New tannery Pits started	..	..	..	N.A.	N.A.	N.A.	227	668
13. Improved Ghani's introduced	..	..	..	N.A.	N.A.	N.A.	61	1,577
14. Sewing Machines distributed	..	..	..	N.A.	N.A.	N.A.	348	406
15. Value of improved tools and appliances distributed (Blacksmithy and Carpentry).		Rupees	N.A.	N.A.	N.A.	98,183	73,896
16. New Co-operative Societies started	No.			Not furnished.	N.A.	N.A.	N.A.	1,494	1,603
17. Membership in Co-operative Societies		N.A.	N.A.	N.A.	1,26,105	1,17,152
18. No. of Blocks reported	146	203	221	247	283

295

Note.—As Physical achievements during the year 1956-57 are not readily available they are estimated on the basis of average achievements per block per year up to 1956-57.

PEOPLE'S CONTRIBUTION :

An amount of Rs. 5.26 crores was realised as people's contribution in the shape of cash, land, buildings and labour etc., as against the Government expenditure of Rs. 16.09 crores. Thus, the people's contribution formed 32.7% of the Government expenditure. This percentage will go up if the loans amount (included in the Government Expenditure) which is recoverable is excluded. The following table furnishes the details of Government expenditure and people's contribution realised during the plan period.

TABLE—I.

GOVERNMENT EXPENDITURE AND PEOPLE'S CONTRIBUTION
DURING THE SECOND PLAN.

(Rs. in crores)

<i>Srl. No.</i>	<i>Year</i>	<i>Government Expenditure</i>	<i>People's Contribution.</i>	<i>Percentage of Col. 4 to Col. 3</i>
(1)	(2)	(3)	(4)	(5)
1.	1956-1957	.. 1.80	0.93*	51.7
2.	1957-1958	.. 2.89	1.36	47.1
3.	1958-1959	.. 3.27	1.39	42.5
4.	1959-1960	.. 3.73	0.76	20.4
5.	1960-1961	.. 4.40	0.82	18.6
Total :		.. 16.09	5.26	32.7

(*—Estimated)

Out of the total people's contribution of Rs. 5.26 crores during the period, an amount of Rs. 2.66 crores was the contribution realised by way of labour. The following table indicates the value of contributions realised by way of cash, kind and labour.

TABLE —II.

BREAK-UP OF PEOPLE'S CONTRIBUTION :

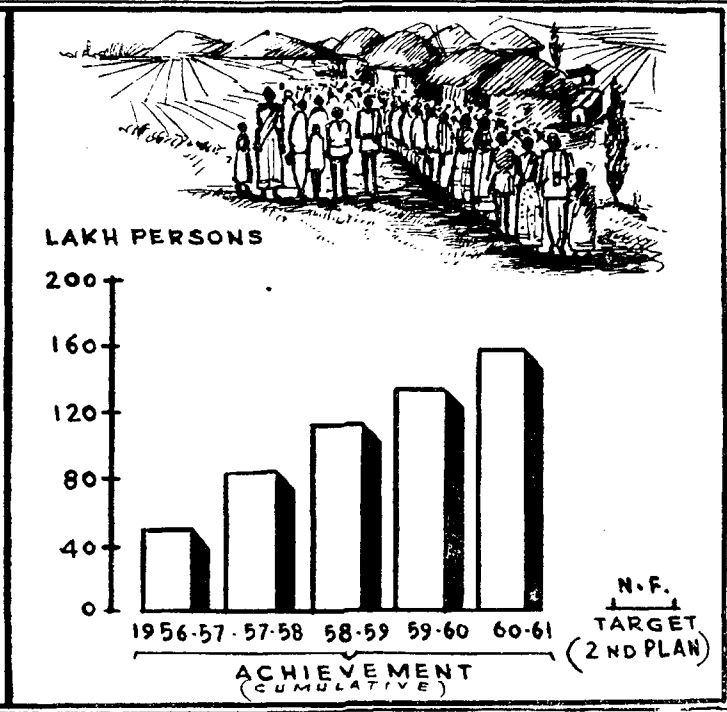
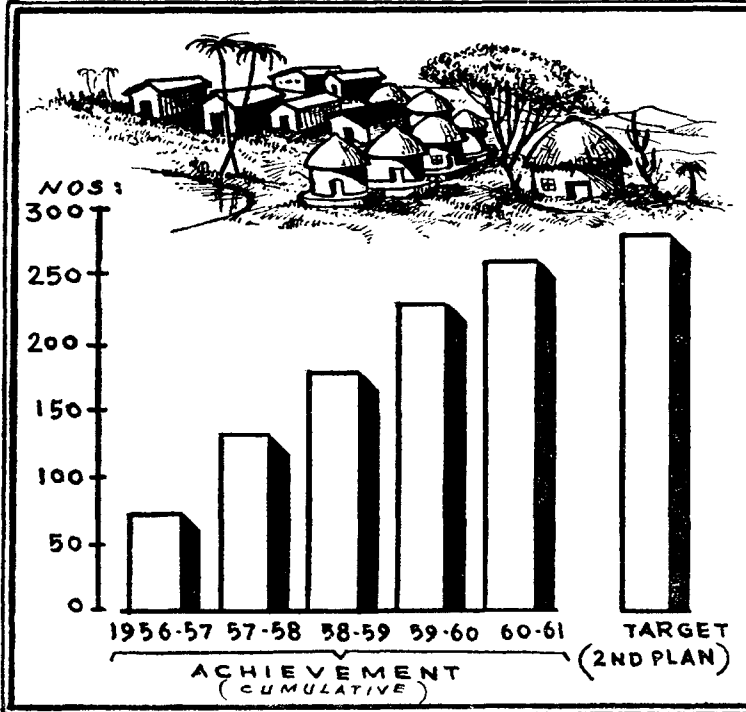
<i>Srl. No.</i>	<i>Categories</i>	<i>Value in crores of Rs.</i>	<i>Percentage to total contribution.</i>
(1)	(2)	(3)	(4)
1. Cash	1.86	25.9
2. Labour	2.66	50.6
3. Land and Buildings	0.45	8.5
4. Miscellaneous	0.79	15.0
Total : ..		5.26	100.0

Thus it may be seen that about half of the total people's contribution was realised by way of labour, one-fourth by way of cash while the remaining amount was realised by way of kind.

Community Development

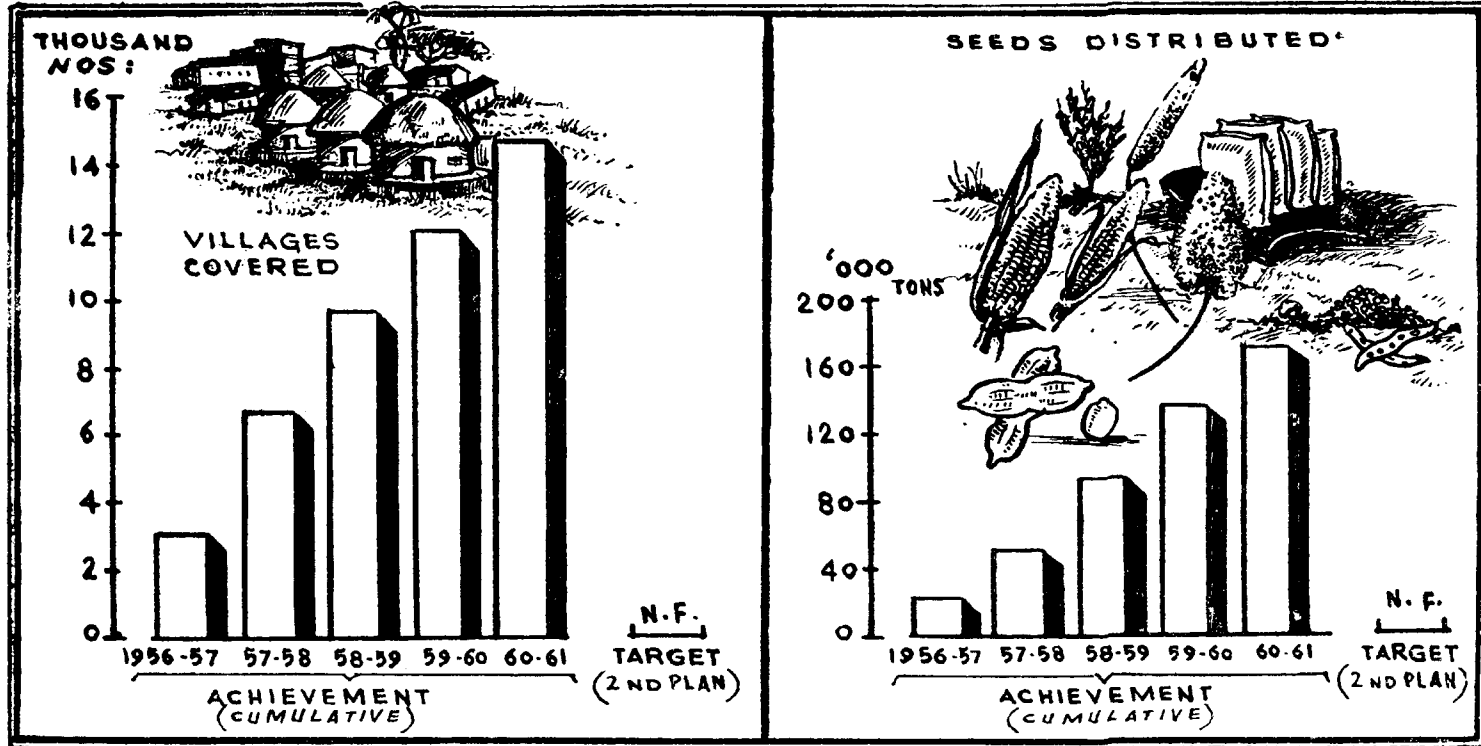
BLOCKS STARTED

POPULATION COVERED



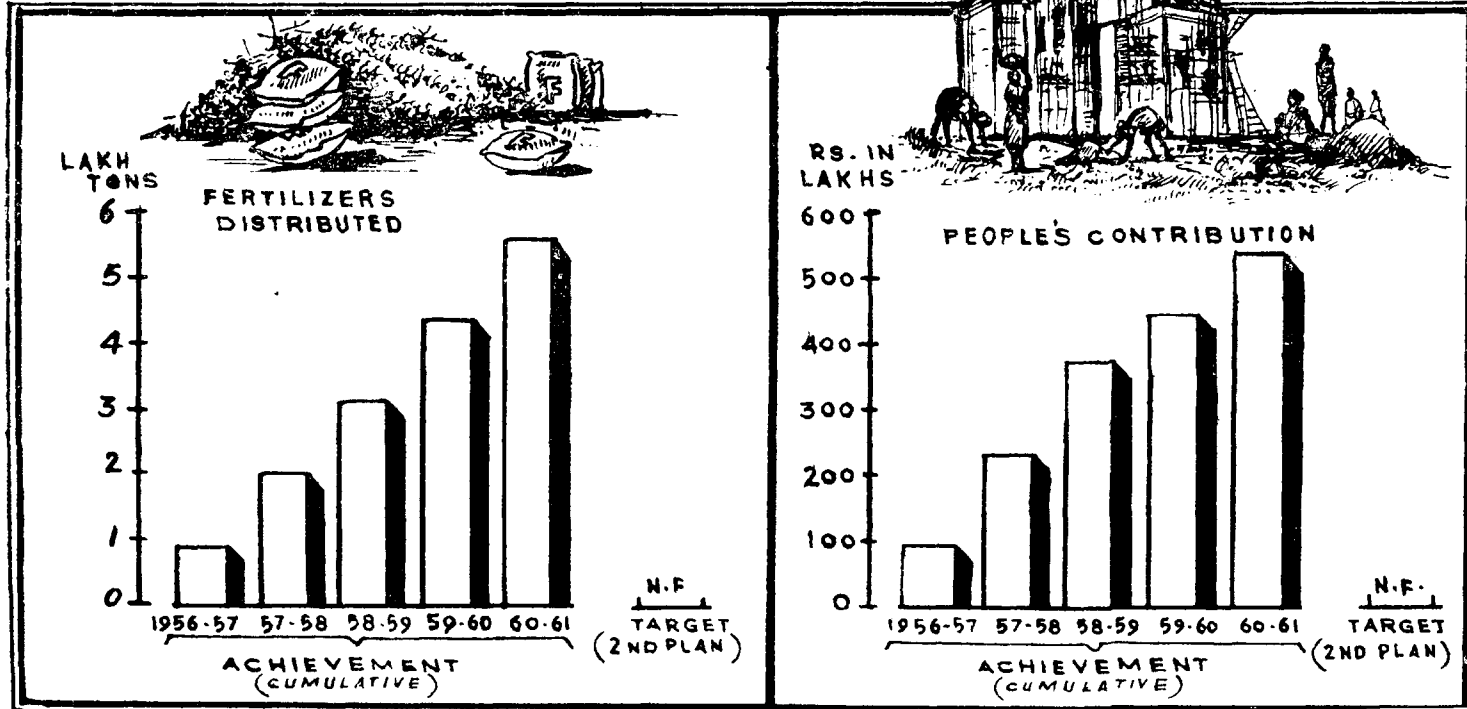
N.F. = NOT FIXED

Community Development



N.F. = NOT FIXE

Community Development



N.F. = NOT FIXED

CHAPTER XVIII.

MULTIPURPOSE PROJECTS.

The Nagarjunasagar Project, one of India's major Multipurpose River Valley Projects was launched in 1955-56 as a joint venture of the erstwhile Hyderabad and Andhra States for the utilisation of the available waters of Krishna River in the lower Krishna Basin. The project envisages the construction of a masonry dam near Nandikonda 302 feet high above average foundation level (FRL + 525), a right bank canal 135 miles long which will be the longest irrigation canal in the world after its full development and a left bank canal, 108 miles long to irrigate extensive areas in the arid regions of the districts of Guntur, Nellore and Kurnool on the right bank and Nalgonda, Khammam, Krishna and West Godavari districts on the left bank. This project will bring under irrigation an area of 20.60 lakh acres—9.70 lakh acres under the right bank canal, 7.90 lakh acres under left bank canal, including 1.50 lakh acres of second crop irrigation in Krishna Delta.

The first phase of the project is estimated to cost Rs. 91.12 crores and in the Plan for 1956-61, a sum of Rs. 32.30 crores was originally provided. But in order to sustain the tempo of developmental activity the provision was enhanced to Rs. 38.10 crores during the course of the Plan. Against this, a sum of Rs. 38.09 crores was spent till the end of March, 1961.

By the end of March, 1961, the main dam has reached an average height of 100 ft. in flanks and height of 100 ft. in the spill way portions, the excavation of main canal on either side was in progress in the first 50 miles stretch. During this period an airstrip was constructed at the Dam site. The principles governing the rehabilitation of families in the villages that would be submerged by the Nagarjunasagar Project have been finalised. The excavation of historic relics of Nagarjunakonda was in final stages of completion and the construction of museum on the top of the hill was in progress. The excavation of main canal tunnels (Right Bank Tunnel 4,135 feet in length and 27 feet in diameter Left Bank Tunnel 7,500 feet in length and 32 feet in diameter) was taken up during

the period under review. Proposals for the release of Foreign Exchange to the extent of Rs. 50 lakhs for the import of earth moving machinery required for the canal excavation works have been sent to Government of India and their sanction is awaited.

Of the total expenditure of Rs. 38.09 during 1956-61, a sum of Rs. 20.52 crores was spent on Dam Rs. 10.29 crores on Right Bank canal and Rs. 7.28 crores on Left Bank canal. An account of the progress made in respect of these three units is given below:—

DAM:

Against the revised provision of Rs. 20.51 crores made for expenditure on the dam during 1956-61, a sum of Rs. 20.52 crores was spent till the end of March, 1961. During the period under review 33,408 units earth work excavation of foundations for the dam was completed constituting 97% of the targetted work, *viz.*, 34,595 units. Masonry and concrete work for the dam was completed in respect of 5,13,449 units and 36,337 units respectively as against their respective Second Plan Targets of 5,75,059 and 38,503 units. The masonry work for the dam was in progress in 67 out of 79 blocks. The R.C.C. work in foundation galleries was done in respect of 10,005 units exceeding the Plan target of 8,890 units. The earth work was in progress in all the three reaches of the left side. The work completed during the period is 96.28 lakh c.ft. against the Plan target of 123.76 lakh units.

Right Canal.

Out of the revised provision of Rs. 10.30 crores for expenditure on the Right Canal works during 1956-61, an amount of Rs. 10.29 crores was spent till the end of March 1961. During this period the detailed investigation of the entire length of 135 miles of the main canal (under the first phase) was completed. The investigation of branches and distributries and the preliminary investigation of the main canal have been completed for the entire length of 3,333 miles and 276 miles respectively. The targets set forth in the Plan for block levelling an area of 37.27 lakh acres has also been achieved. Excavations of main canal in the first 50 miles was in good progress and 537.897 M ft. of excavation in all soils including rock requiring blasting has been done against the target 1,0592.566 Mc. ft. The construction of the 100 ft. high Earth Dam across Buggavagu between M 17/0 to 21/0

of the main canal at an estimated cost of Rs. 119.24 lakhs was in brisk progress. The construction of aqueduct across Chandravanka at M 11/1 of main canal was also in good progress. The construction of an aqueduct across Tallagalli vagu at M 7/5 of the main canal estimated to cost Rs. 16.30 lakhs taken up in 1959-60 was in progress at the end of March, 1961. The construction of under tunnels was in progress at M 13/2, M 14/1, M 24/3 and M 27/4. Besides, the construction of hospital buildings, residential quarters, subdivisional offices, laboratory, etc., were taken up and were either completed or in various stages of progress. A sum of Rs. 47.38 lakhs against the programme of Rs. 48.08 lakhs was spent on buildings during the Second-Plan period. The localisation work was completed in blocks 1 to 4 and it is in progress in blocks 5 to 10.

Left Canal.

A sum of Rs. 7.29 crores was made available during the period 1956-61 for expenditure on works relating to Left Canal. Against this, a sum of Rs. 7.28 crores was spent till the end of March, 1961. During the period under review, the preliminary investigation of the entire length of 108 miles of the canal under first phase was completed, while the detailed investigation has been done for a length of 103 miles. Preliminary investigation of a further length of 97 miles in the second stage has also been taken up and completed in respect of 72 miles. Detailed investigation and alignment of branches and distributaries has been done for a length of 1,808 miles against the total work load of 1,841 miles. Block levelling was done on an area of 18.90 lakh acres exceeding the target of 17.70 lakh acres. The work relating to the excavation of the main canal was in progress in the first 50 miles and during the period ended March, 1961, 3,052.57 lakh c. ft. of earth work excavation in all soils including rock requiring blasting was done against the total work load of 13,320 lakh c.ft. The excavation of the top heading of the tunnel for a depth of 21 ft. for the entire length of 7,500 ft. was completed while the excavation of the benching portion of the tunnel had been taken up and so far done for a length of 2,100ft. from the entrance side and 1,200 ft. from the exit side. The construction of the major aqueduct across the Halia River in M 12 of the main canal estimated to cost Rs. 44 lakhs was in good progress.

STATEMENT
MULTIPURPOSE

Srl. No.	Name of the scheme	Financial Targets and achievements.							Total expenditure.	
		Second Plan Provision.		Expenditure Incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Nagarjunasagar Project :										
	(1) Dam ..	..	2051.00	287.042	414.896	399.999	488.588	561.274	2051.74
	(2) Right Canal		3280.00	1030.00	91.349	200.343	252.884	244.514	240.208	1029.298
	(3) Left Canal		729.00	26.838	129.847	200.155	174.535	197.473	728.848	

PROJECT.	(Rupees in lakhs.)							
	Item	Unit.	Physical targets and achievements.					Total achievement in the Plan period.
			Targets for the II Plan Period (revised).	Achievement during				
(11)	(12)	(13)	1956-57	1957-58	1958-59	1959-60	1960-61	(19)
(1) Excavation of foundation	1,000 cft.	34,595	7,907	14,650	8,663	2,315	473	33,408
(2) Drilling and grouting (1 Rft.)		66,442	5,860	24,247	16,417	9,918	9,105	65,547
		53,919	..	17,714	15,234	10,971	6,366	50,285
(8) Masonry for Dam (100 cft.)		5,75,059	..	52,393	1,09,364	1,73,302	1,78,390	5,13,449
(4) Concrete for Dam (100 cft.)		88,503	..	10,976	12,503	9,724	3,134	36,337
(5) R.C.C. for Galleries (100 cft.)		8,890	..	652	2,644	2,594	4,165	10,005
(6) Embankment for earth Dam (1,000 cft.)		12,876	..	1,442	3,795	959	3,432	9,628
1. Investigation—								
(a) Preliminary investigation of Main Canal	(Miles)	276	276	..	..	..	..	276
(b) Detailed investigation of main canal	(Miles)	135	52	83	..	..	..	135
(c) Investigation of branches and distributaries.	(Miles).	3,333	..	..	3,265	..	68	3,333
(d) Field channels less than 1½ cusecs capacity.		6,058	..	..	4,858	..	1,292	6,150
2. Block levelling of ayacut (lakh acres).		37.27	16.52	20.75	..	..	..	37.27
3. Excavation of main canal in all soils and rock requiring blasting (1,000 cft.)		5,92,566	21,955	1,00,779	1,66,625	1,51,207	97,331	5,37,897
4. Tunnelling of main canal in all soils and rock requiring blasting (1,000 cft.)		5,18,000	..	..	..	12,000	7,78,800	7 90,800
5. Cross drainage works (costing over Rs. 10 lakhs.)	Nos.	2 Nos in progress.	..	..	..	Nos. 2	2 Nos. (in progress)	2 Nos.
6. Buildings	Rs. lakhs	48.08	6.79	12.18	18.18	5.03	5.20	47.38
1. Investigation :								
(i) Preliminary investigation of main canal (Miles).		108	35	73	..	..	..	180

Financial Targets and achievements

<i>Srl. No.</i>	<i>Name of the Scheme.</i>	<i>Second Plan provision</i>		<i>Expenditure incurred in</i>					<i>Total Expendi- ture.</i>
		<i>Original</i>	<i>Revised</i>	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Total		3230.00	3810.00	354.729	745.086	853.038	857.582	998.950	3809.385

(Rupees in lakhs.)

Item	Physical Targets and Achievements							Total Achieve- ment during 1958-61
	Unit	Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(18)	(14)	(15)	(16)	(17)	(18)	(19)
1. Investigation :								
(i) Preliminary investigation off main canal (Miles)		108	85	78	..	..	..	108
(a) Munneru to Kattaleru (Miles).		82	..	..	5	10	10	25
(b) Beyond Kattaleru (Miles).		65	..	..	..	..	47	47
(ii) Detailed investigation (Miles).		108	85	49	4	..	15	108
2. Cross drainage works costing more than Rs. 10.00 lakhs.	lakhs.	23.26	..	..	..	7.40	8.21	15.61
3. Buildings	Rs. in lakhs	19.03	8.41	5.45	2.71	2.46	4.82	18.85
4. Earth work excavation in all soils including rock re- quiring blasting (1,000 cft.)		3,87,957	13,722	57,628	1,08,686	72,921	52,300	3,05,257
5. Tunnel (unit Mcft.)	..	2,618	..	..	..	1,118	3,147	4,260
6. Branches and distribu- (Miles)— taries								
(a) Investigation of distri- butaries (Miles)		1,841	..	..	853	1,039	416	1,808
(b) Block levelling (includ- ing areal survey).		17.70	0.25	2.61	7.09	2.75	6.20	18.90

CHAPTER XIX

IRRIGATION.

A sum of Rs. 1,658.75 lakhs was originally provided in the Plan for 1956-61 for expenditure on 12 Major Irrigation and 43 Medium Irrigation Projects. Subsequently, the provision was revised to Rs. 1,945.75 lakhs. In addition, a sum of Rs. 75.88 lakhs was allotted for expenditure on 10 more projects. Thus the revised provision for 68 projects programmed for execution during Second Plan amounted to Rs. 2,021.63 lakhs. However, expenditure amounting to Rs. 1,933.66 lakhs was actually incurred during the Plan period on 50 projects. Of this, a sum of Rs. 1,329.78 lakhs was spent in the Andhra Region while the remaining amount of Rs. 603.88 lakhs was spent in the Telengana Region. During the period ended March, 1961, an additional area of 4.64 lakh acres was brought under irrigation.

An account of the progress made in respect of each of the projects in execution during this period is given below.

[Statement XIX appended will show the schemewise financial and physical targets and achievements.]

MAJOR IRRIGATION.

Andhra

1. *Krishna Regulator-cum-Road Bridge.*

This project envisages the construction of a road-bridge-cum-regulator across the river Krishna at Vijayawada, just upstream of the existing anicut to ensure supplies of water to the existing ayacut of 10.5 lakh acres in Krishna Delta besides providing irrigation facilities for about one lakh acres of additional area.

The work on the project was completed physically and the project has come into full commission from June, 1961 onwards and an area of 50,000 acres was brought under irrigation during the Second Plan Period,

A sum of Rs. 131.35 lakhs was spent on this Project during the Second Plan period as against the Plan provision of Rs. 130.00 lakhs.

Romperu Drainage Scheme :

The work on this Project was physically completed and the entire area was brought under irrigation. Against an amount of Rs. 3.25 lakhs provided in the Second Plan, an expenditure of Rs. 4.47 lakhs was incurred on the execution of this scheme. An area of 8,196 acres was benefitted by this Scheme.

Bhairavanitippa Project :

This Project comprises of an earthen reservoir with regulator vents across the river Hagari near Bhairavanitippa village of Kalyandurg taluk, Anantapur district. The reservoir is capable of irrigating 9,700 acres. An amount of Rs. 113.29 lakhs was spent on the scheme during the Second Plan period, as against Rs. 111.57 lakhs provided for the scheme in the Second Plan. Only fixation of electric motor for lifting the shutters of regulator, construction of hoist bridge and few finishing touches are yet to be completed and the project would be completed in all respects during the first two years of the Third Plan. An area of about 5,000 acres was benefitted by this scheme, against the Second Plan target of 8,000 acres.

Upper Pennar Project :

The Scheme envisages the formation of a reservoir across Pennar river near Perur village in Dharmvaram taluk of Anantapur district. The reservoir with a capacity of 2,000 M. cft. would not only supply water to its proposed ayacut of 9,782 acres but also feed the tanks lower down including Anantapur tank by a channel 13 miles in length at the time of floods in the river. Though a sum of Rs. 33.64 lakhs was provided for this scheme in the Second Plan, a sum of Rs. 32.09 lakhs was spent on this scheme during the Plan period and an area of 529 acres was benefitted. The work on this project was started in 1950 and completed in 1958-59 and water was supplied for irrigation. Excavation of field channels was also completed for 36 miles out of 180 miles.

Rallapadu Project :

This Project was taken up for execution during the First Five-Year Plan period and a sum of Rs. 57.74 lakhs was spent on it by March, 1956. During the Second Plan Period an amount of Rs. 31.65 lakhs was spent on this scheme and an area of 7,643 acres was brought under irrigation, there by fulfilling the targets envisaged under the Scheme.

Tungabhadra Project Low Level Canal :

This is one of the major projects taken up jointly by the erstwhile Hyderabad and Madras Government in the year 1945. 46 miles of main canal and 30 miles of Kurnool branch are in Andhra Pradesh. The work including the distributories etc., was completed in 1957-58. The main canal was designed to discharge 2,500 cusecs at head to irrigate 92,000 acres in Mysore State and 1,57,000 acres in Andhra Pradesh. A provision of Rs. 91.11 lakhs was made in the State's Second Plan, but the actual expenditure amounted to Rs. 98.51 lakhs and an area of 1.20 lakh acres was brought under irrigation in Andhra Pradesh as 'against the Second Plan target of 1,20,000 acres.

Tungabhadra Project High Level Canal :

The Central Water and Power Commission accorded sanction in April, 1959 for Stage I of Tungabhadra High Level Canal Scheme costing Rs. 13.00 crores. This is expected to benefit an area of 68,000 acres in Mysore State and 1,19,115 acres in Andhra Pradesh. However, work on this project was taken up from the year 1956-57 itself and preliminary works such as formation of Camp at Mid Pennar Regulator site and construction of workshops at the rail road at Garladinne were completed. The works relating to the construction of Mid Pennar Regulator North Canal up to M. 17/0 and the South Canal up to M. 34/0 had been taken up and progressing satisfactorily. An expenditure of Rs. 204.63 lakhs were incurred on this scheme during the Second Plan period as against the Second Plan Provision of Rs. 300.00 lakhs.

Vamsadhara Project :

This Project was designed to benefit large tracts in the scarcity areas of Srikakulam District and comprises of :—

(i) A dam across the river at Gotta to form a reservoir of 19,173 M.cft. capacity. (ii) Two canals are proposed from this on either flank to irrigate a total area of 2,06,750 acres. (The canal on the right side will be 88 miles in length with an ayacut of 72,750 acres while the canal on the left side will be 60 miles in length with an ayacut of 1,34,000 acres).

(iii) An anicut at Veerali 28 Miles above Gotta with a right side high level channel 27 Miles long to irrigate 18,000 acres.

A provision of Rs. 85.00 lakhs was originally made for Gotta reservoir and Veerali anicut project in the Second Five-Year Plan, but this was later on reduced to Rs. 10.00 lakhs. As the Project was in its initial stages only an amount of Rs. 0.61 lakh was spent during the Plan period. Construction of Eventers and formation of roads were in progress since october 1960. Indent for the machinery was sent and the supply was awaited. The project will take about Five Years for completion.

Investigation of Projects :

A sum of Rs. 10.00 lakhs was provided in the Second Plan for the investigation of projects in the Andhra Region. The actual expenditure, however amounted to Rs. 10.53 lakhs.

TELANGANA.*Rajolibanda Diversion Scheme :*

This project consists of an anicut across the river Tungabhadra at Rajolibanda village (Mysore State) about 80 miles down stream of Tungabhadra Dam. A canal, 85 miles in length was dug out from the left flank to irrigate 1.14 lakh acres. The head works and the first 27 miles of canal are in Mysore State and the rest of the canal from mile 27 to 85 is in Andhra Pradesh. The original cost of the scheme including anicut and main canal was placed at Rs. 293.00 lakhs.

The work up to mile 66 was completed in all respects by March, 1960. Water was let out in the month of July, 1959 for irrigation up to mile 52 for an area of about 2,500 acres, but the area irrigated at the end of the Second Plan was about 25,600 acres.

During the First Plan period, a sum of Rs. 340.86 lakhs was spent on the scheme while the Second Plan expenditure on the project amounted to Rs. 138.45 lakhs.

Kadam Project :

Kadam project comprises of a dam across the river Kadam in Adilabad district and a canal, 48 miles long on left flank of the reservoir with distributory system to irrigate 65,000 acres in the district. As per the original sanctioned proposals, the total cost of the project was placed at Rs. 441 lakhs. The work on the project was started in 1949 and was completed in 1958 itself and water was let out during that year.

But a portion of the dam was washed away in August 1958, due to unprecedented floods and the total estimated cost of the project increased to Rs. 601.00 lakhs. As the restoration work of the dam was in progress, there was no irrigation under this dam. An amount of Rs. 209.88 lakhs was spent during the Second Plan as against the provision of Rs. 148.91 lakhs.

Pochampad Project :

The project though not originally included in the Second Plan was brought into the plan as a substitute for the medium sized Devnoor Project. It includes construction of a weir at Pochampad village across Godavari river and excavation of a canal 68 miles long on the right bank to irrigate an area of 3.60 lakh acres. The total estimated cost of the project is Rs. 15.25 crores. The scheme was under consideration of the Government. Pending sanction of the main estimate, a proposal for formation of one circle with two construction divisions for Kadam Project with headquarters at Nirmal in the first instance was sanctioned. Against the Second Plan provision of Rs. 10.00 lakhs an amount of Rs. 26.43 lakhs was spent on the scheme. This project will spill-over in to the Third and Fourth plans for completion.

MEDIUM IRRIGATION.

ANDHRA.

Narayanapuram Anicut Scheme :

The scheme envisages the construction of an anicut with 3 ft. high falling shutters on Nagavalli river near Narayanapuram village and excavation of channels on either side for giving assured supply to the existing ayacutt under the river channels and to extend supply to additional area on both flanks. Most of the works on headquarters were completed and the excavation of the right side channel and cross masonry works were in progress. Localisation of ayacut was started from April, 1960 and was in good progress.

A sum of Rs. 55.42 lakhs was spent on the scheme during the Second Plan Period and an area of about 18,300 acres was benefitted.

Nagavalli Right Side Channel :

Situated at Thotapalli village of Parvatipuram taluk, Srikakulam district, this scheme consists of excavating a channel 13 miles and four furlongs long with a head sluice on the right side of the existing Thotapalli regulator across the Nagavalli river. The work was physically completed and water was let out for irrigation.

An amount of Rs. 14.37 lakhs was spent on the scheme during the Second Plan period against a provision of Rs. 11.26 lakhs in the Second Plan. An area of 6,684 acres was brought under irrigation as against the Second Plan target of 6,840 acres.

Vegavathi Anicut Scheme:

The Scheme consists of constructing an anicut 300 ft. long with falling shutters 4 ft. high across the Vegavathi river near Karrivalasa in Srikakulam district excavating two channels one on either side for supply of water for irrigation, the lengths of the rights and left canals being 6 M.—5 F and 4 M-4F respectively. Anicut work as well as right side channel masonry work, branch channels, fixing of pipes and field channels were completed. Left side channel and excavation of main channel including deep cut were in progress.

Against the Second Plan provision of Rs. 9.65 lakhs, a sum of Rs. 19.87 lakhs was spent on this scheme and an area of 2,205 acres was brought under irrigation.

Seethanagaram Anicut Scheme:

Situated near Venkata Bhairavapuram village of Bobbili Taluk, Srikakulam District, this scheme envisages the construction of an anicut across Swamamuthi river, a tributary of Nagavalli river. It was proposed to dig out two channels, one on the right side (9 miles long) and the other on the left side ($3\frac{1}{2}$ furlongs long). The scheme was physically completed and water was let out for irrigation. A sum of Rs. 7.94 lakhs was spent on this project as against the Second Plan provision of Rs. 4.73 lakhs. An area of about 3,000 acres was benefited against a target of about 4000 acres.

Gambhiramedda Reservoir Scheme:

The scheme envisages formation of a dam across Gambhiramedda in Bhimilipatam taluk of Visakhapatnam district with a masonry spillway at its right flank. Two channels one on either side of the dam were proposed.

An amount of Rs. 4.46 lakhs was provided for this scheme in the Second Plan, while the expenditure amounted to Rs. 6.49 lakhs and an area of 500 acres was brought under irrigation during the Second Plan Period.

Remodelling of Bandakattu channel System:

The existing irrigation was going on under 3 branch channels under Bandakattu channel. It was proposed to improve the system to ensure equitable supply to all the channels in order to benefit 2,466 acres of existing ayacut and 1,186 acres of new ayacut. The scheme was physically completed and water was let out for irrigation in 1956. A sum of Rs. 0.53 lakh was spent on this project during the Second Plan period as against the second Plan provision of Rs. 0.56 lakh.

Nakkalagandi Reservoir Scheme:

The scheme consists of formation of Reservoir across Uppuvagu at Nakkalagandi in Udayagiri taluk, Nellore

district. An earthen dam was constructed across the stream and surplus weir located in right flank and entire work connected with the scheme was completed and water was let out for irrigation.

During the Second Plan period, a sum of Rs. 0.68 lakh was spent on this scheme and an area of 1106 acres of land was developed.

Paleru Reservoir Scheme:

The Reservoir consists of an earthen dam 1,080 feet in length and a rough stone surplus escape to a length of 870 ft. The project was completed and water was let out for irrigation. An amount of Rs. 0.88 lakh was spent on this scheme during the Second Plan period.

Upputeru Lower Anicut Scheme

The scheme provided for the construction of an anicut across Upputeru, near Peddaparani village, Kandukur taluk of Nellore District. It envisages feeding of 6 tanks situated at Kothapeta, Beddipudi, Latehirajupalem, Bhimavaram and Rajapalem. The work was completed and the entire ayacut had since been developed. A sum of Rs. 2.25 lakhs was spent on this project during the Second Plan period.

Kalangi Reservoir Scheme:

The construction of the reservoir across Kalangi river with two channels on either side was completed. Consequent to the heavy rains in 1957 followed by breaches, additional surplus arrangements were made. Erection of gates and work on Anjur anicut were completed and water was let out into 13 tanks through the Anjur anicut main canal. A sum of Rs. 20.93 lakhs was spent on the execution of this work.

Mallimadugu Reservoir Scheme:

The scheme envisages the formation of reservoir across Konacalava and Rallakalva tributaries of Swarna river by bunding up the gaps between Mallimadugutippa and Chirlamadugutippa in Chandragiri taluk. An area of 3,553 acres was benefitted under this Scheme. Consequent on the heavy rains in 1957 and breaches, additional surplus arrangements were provided.

During the Second Plan an amount of Rs. 8.42 lakhs was provided for this scheme but Rs. 13.39 lakhs was spent on the execution of the work.

Lower Sagileru Project:

The proposal consists of formation of a reservoir across Sagileru, just above the confluence of Pokkineru by constructing an earthen dam of nearly 1 M-4 F, with an ogee spillway regulator and excavating a supply channel the left side for a length of 14-M-4F to feed 14 tanks. The work on headworks portion, manufacture and erection of gates and hoists were completed. The excavation of distributories upto 25 acres limit was completed and water was let out to the canal to feed the 14 tanks. Location of ayacut was completed for 1,100 acres.

An amount of Rs. 28.13 lakhs was spent on the scheme against the Second Plan provision of Rs. 21.70 lakhs. An area of 7,159 acres was brought under irrigation.

Pinchanadi Reservoir Project:

Under this scheme, it was proposed to form a reservoir across Pincha river near Palakalagutta in Rayachoti taluk with a regulator and masonry non-overflow section to the left of the regulator and an earthen dam on the right flank.

Against the Second Plan provision of Rs. 13.50 lakhs, an amount of Rs. 24.66 lakhs was spent during the Plan period and an area of 1433 acres was brought under irrigation.

Restoration of the breached tank of Siddalagandi:

It was proposed to restore the tank by closing the breach with a composite dam section in order to feed an ayacut of 120 acres. A bye-wash 360 ft. long was provided in the left bank. A sum of Rs. 6.38 lakhs was spent on this scheme as against Rs. 2.60 lakhs provided for it in the State's Second Plan. The work was completed.

Vidvaranyaswamy Gudi Project:

Under this scheme it was proposed to restore the breached tank on Gantimarri village of Anantapur taluk

in order to benefit an ayacut of 200 acres. The work was physically completed in all respects. A sum of Rs. 0.36 lakh was spent on this scheme during the Second Plan period.

Chennarayaswamy gudi Project:

Under this Project, it was proposed to construct across Papagni river, about 3 miles east of Balasamudram village, a masonry regulator in the middle and earthen bunds in the flanks with a channel 3 M-6F long on the right side. The work of manufacture and erection of gates, hoists and fixation of shutters was completed.

A sum of Rs. 17.34 lakhs was spent on the execution of the work as against an amount of Rs. 15.73 lakhs provided in the State's Second Plan and an area of 898 acres was brought under irrigation.

Improvement of K. C. Canal:

Under this project, it is proposed to improve the existing anicut at Sunkesula across Tungabhadra river by installing 3 ft. falling shutters and strengthening the anicut to take extra stress. The scheme also provides for the remodelling of the canal in the first 74 miles by widening and increasing the depth by 9 ft and lining with concrete 4 inches thick. Government have also ordered the remodelling of canal from M 74/6 to M 190/0 units costing 2 crores to be executed under the same estimate. However due to the scattered nature of the work and various preliminaries like survey, land acquisition, etc., involved in the execution of the work, the entire work could not be completed during the Second Plan period and there would therefore be a spill-over of Rs. 100 lakhs into the Third Five-Year Plan.

Out of the Second Five-Year Plan provision of Rs. 426.58 lakhs a sum of Rs. 419.26 lakhs was spent on this scheme during the Plan period and an area of about 1,75,000 acres was benefitted.

Torrighedda Pumping Scheme:

Under this scheme, it was proposed to irrigate the lands of Torrighedda Region by pumping water from the river Godavari. The headworks consist of a pump house with

three vertical spindle deep well pumps of 583 H.P. having a capacity of 37,500 gallons per minute each, keeping one stand by with suitable motors. The main channel taking water from pump house runs for 2 miles and branches off into two. Channel No. (2) flows for $18\frac{1}{2}$ miles and tails into Torrigedda. 9,400 acres would be irrigated under No. (1) channel and 6000 acres would be irrigated under No. (2) channel. A discharge of 175 cusecs will be required for irrigating the above lands. The scheme was inaugurated in April, 1958 and the construction of intake well, store shed, construction of R.C. conduct and pump house were completed. The scheme would be continued in the Third Five-Year Plan. An amount of Rs. 13.08 lakhs was spent on the scheme during the Second Plan, against the Second Plan provision of Rs. 33.80 lakhs.

Paidigam Project.

The scheme contemplated to take off a channel 9 M-6 F in length from the left side of north Mahendratanaya river from a point about 3 furlongs above Bahtalapuram village in Srikakulam district with an anicut across the river. The channel is expected to feed as many as 46 tanks which are now depending entirely on monsoons. An extent of 3,249 acres of existing ayacut under the tank and 200 acres banjar lands would be benefitted by the scheme. The work was started in May, 1959 and still in progress. There was scarcity of skilled and unskilled labour in the vicinity and the condition was similar to Agency tracts. Work in respect of construction of quarters was completed and work on foundations was in progress. The scheme would spillover to the Third Plan for completion.

Against the Second Plan provision of Rs. 11.00 lakhs a sum of Rs. 4.34 lakhs was spent on the scheme during the period 1958-59 to 1960-61.

Denkada Anicut Scheme.

Under this scheme, it was proposed to construct anicut some distance lower down the existing dam one, at Denkada in Visakhapatnam district on Champavati river to benefit 5,091 acres existing ayacut and 1,000 acres new ayacut. The Scheme was inaugurated in the

month of April, 1959 and sinking of wells for foundation of R.C. sheet tiles were completed. Body walls were constructed upto well No. 16 and masonry to a length of 120ft in right flank was laid. The scheme would spill over to the Third Plan for completion. A sum of Rs. 11.75 lakhs was spent on this scheme during the Second Plan Period.

Varaha Reservoir Scheme.

It is proposed to construct a reservoir across Vara river near Kalyanapulva in Visakhapatnam district with a view to stabilizing the existing ayacut of 4,000 acres under the rain fed tanks and also to supply water for a new ayacut of 2,000 acres. A sum of Rs. 0.70 lakh was spent on this project during the Second Plan period as against Rs. 6.00 lakhs provided for it in the Plan. The sanction of the scheme was awaited. The work would spillover to the Third Plan for completion.

Thandava Reservoir Scheme.

The scheme envisages the formation of a reservoir on Thandava river at Guntavanikothagudem of Visakhapatnam district. Two channels were proposed one on the left flank and another on the right flank for lengths of 8 M-3 F and 10 M respectively. The reservoir is intended to give assured supplies to the existing ayacut of 32,000 acres and provided irrigation facilities for a new ayacut of 10,800 acres. The estimate was under consideration of the Government and administrative approval was awaited. The works on construction of approach road and staff quarters were nearing completion. The scheme would spill over to the Third Plan for completion. The Second Plan expenditure amounted to Rs. 8.68 lakhs as against the Plan provision of Rs. 5.00 lakhs.

Excavation of supply channel from Paleru to Bitragunta Tank.

The scheme envisages construction of a masonry anicut across Paleru river near Jillalamudi, 6 miles north of Kandukur and excavating supply channel on the right side for a length of 8½ miles for supplementing Bitragunta tank and four tanks below it. 2,732 acres of existing ayacut and 2,458 acres of new ayacut would be benefitted.

Half of the work was completed and further work on the anicut and channels was in good progress. The scheme would spillover to the Third Plan for completion. A sum of Rs. 13.36 lakhs was spent on this scheme during the Second Plan period as against the Plan provision of Rs. 14.25 lakhs.

Swarnamukhi left side Channel Scheme.

Under this scheme, it was proposed to excavate a channel from Swarnamukhi anicut at Kalahasti to feed 9 individual tanks and also Palaechur and Bumavaram and Punnapalli channel systems which are not taking off directly from the river. The ayacut proposed under the scheme is 8,000 acres including an existing ayacut of 7,300 acres. The work would be taken up in the Third Plan. Only a sum of Rs. 0.02 lakh was spent on this scheme during the Second Plan period.

Zurreru Reservoir Scheme :—

The scheme envisages the construction of a reservoir across Zurreru river to impound a gross capacity of 217 M. cft. of water and to irrigate 1,450 acres of dry land with first crop and 500 acres with second crop, besides providing assured supplies to 50 acres of existing ayacut.

A sum of Rs. 10.74 lakhs was spent on this scheme during the Second Plan period as against the Second Plan provision of Rs. 7.15 lakhs.

Kanupur Canal.

The proposal was to excavate a canal of 24 M-2F long from right flank of Pennar, some distance above sangam anicut through a head sluice capable of drawing 1400 C/S to irrigate 78,000 acres ultimately. The scheme however, would irrigate a precarious ayacut of 17,085 acres under 91 tanks in Nellore and Rapur taluks for the present. The scheme would be taken up during the Third Plan period after obtaining the sanction of Government. An expenditure of Rs. 1.05 lakhs was incurred on this scheme during the Second Plan period.

TELANGANA

Musi Project.

This project was taken up as a scarcity work in the year 1954 and envisages the construction of a reservoir across the river Musi with canals on either flank.

A sum of Rs. 188.17 lakhs was spent on this project during the Second Plan period exceeding the Second Plan provision of Rs. 152.83 lakhs. However, only an area of 4,970 acres was benefited as against the Second Plan target of 10,000 acres.

Koilsagar Project.

This project was taken up under the First Five-Year Plan and envisages the formation of a reservoir across Peddavagu near Koilkonda village in Mahbubnagar district.

The Project consists of a dam with canals on either side. A sum of Rs. 2.01 lakhs was spent on this project during the Second Plan period as against the Plan provision of Rs. 4.37 lakhs but only an area of 6,499 acres was developed out of the Second Plan target of 11,000 acres.

Bhecmanapalli Project.

This is an existing bund across a branch of Peddavagu lying in breached condition in Nalgonda district. It was proposed to restore the tank at an estimated total cost of Rs. 8.12 lakhs. The project was taken up under the First Five-Year Plan in 1950 and was completed and the water was let out for irrigation. During the Second Plan period a sum of Rs. 0.10 lakh was spent on the scheme and an area of 1,100 acres was benefitted.

Sarla Sagar Project.

This project consists of a dam with syphon spillway and canals on either side of the dam. The project was taken up in July, 1947 and was completed in all respects and water was let out for irrigation. During the Second Plan a sum of Rs. 16.52 lakhs was spent on this project and an area of 2,842 acres was developed.

Jutpalli Project.

The Project envisages the construction of a reservoir across a stream near Jutpalli village of Tandur taluk, Hyderabad district at an estimated cost of Rs. 16.225 lakhs to benefit an ayacut of 2,450 acres.

A sum of Rs. 6.00 lakhs was provided for the scheme in the State's Second Plan but only a sum of Rs. 3.42 lakhs was spent on the project during the Plan period. The project was in its initial stage and would spill-over to the Third Plan for completion.

Lakhnapur Project.

Under this project, it was proposed to construct a storage reservoir near Lakhnapur village of Purgi taluk in Hyderabad district to provide irrigation facilities to an area of 1,600 acres at an estimated cost of Rs. 14.91 lakhs. A provision of Rs. 6.00 lakhs was made for this scheme in the State's Second Plan, but an expenditure of only Rs. 0.02 lakh was incurred during the Plan period. The project estimates were revised with a view to providing irrigation facilities to 2,600 acres and the project is expected to be completed during the Third Plan period.

Swarna Project.

The Project consists of a storage reservoir near Jowli in Nirmal Taluk, Adilabad district to irrigate an area of 9,130 acres at an estimated cost of Rs. 47.90 lakhs. During the Second Plan period, a sum of Rs. 1.53 lakhs was spent on the Project as against the Second Plan provision of Rs. 4.00 lakhs. This project would spill over into the Third Plan for completion.

Salivagu Project.

During the Second Plan period, it was proposed to construct a storage reservoir across Salivagu stream in Parkal taluk, Warangal district to irrigate an area of 2,850 acres at an estimated cost of Rs. 23.40 lakhs. This scheme was taken up in 1960-61 and a sum of Rs. 1.03 lakhs was spent on the scheme and this would be continued in the Third Plan period also.

Engineering Research Laboratories.

Under this scheme, it was proposed to expand and develop (1) The Hydraulic Laboratory, (2) Soil Mechanics Laboratory, (3) Engineering Materials Laboratory, (4) Physics and Chemistry Laboratory, (5) Mathematics and

Statistics section and (6) Hydro-meteorological Section in the Engineering Research Laboratories to facilitate research in various fields such as Irrigation, Roads, Buildings, Water requirements of crops etc., and a sum of Rs. 23.80 lakhs was originally provided for the implementation of the scheme during the plan period but the provision was later on reduced to Rs. 9.91 lakhs in view of the foreign exchange difficulties. The expenditure during the Plan period amounted to Rs. 9.69 lakhs. During the Plan period, experiments entrusted to the laboratories by the Public Works Department were successfully conducted and useful and economical designs evolved and the results communicated to the department.

The short fall in expenditure as compared to the Second Plan provision is due to the dearth of trained and suitable candidates, non-availability of suitable equipment locally and foreign exchange difficulties in obtaining them from foreign countries. The building programme also could not be adhered to due to delays in technical sanction of the estimates, administrative approval etc.

Investigation of New Projects :—(Andhra)

A sum of Rs. 3.80 lakhs was originally allotted for this scheme in the plan for 1956-61 for investigation of projects in Godavari Basin, Kuntla Power Scheme etc. This provision was subsequently enhanced to Rs. 6.37 lakhs but only a sum of Rs. 1.37 lakhs was spent on this scheme during the period under review.

Investigation of Projects :—(Telengana)

A sum of Rs. 9.50 lakhs was allotted in the Second Plan for investigation of projects in Telengana Region. Against this a sum of Rs. 5.32 lakhs was spent on this scheme during the plan period.

Sirala Project :—

This project contemplates remodelling of the tank near Sirala and extending the existing channel upto 475 chains at an estimated cost of Rs. 1.86 lakhs to irrigate an additional area of 3,000 acres of land in Adilabad District. The work on remodelling of the tank and the extension of the channel was taken during the First Plan

itself and till the end of March 1960, the work relating to the first 185 chains was completed. Originally a sum of Rs. 0.66 lakh was provided for this scheme in the plan for 1956-61 and this was subsequently revised to Rs. 1.82 lakhs. Against this provision, a sum of Rs. 1.31 lakhs was spent during the Second Plan period and an area of about 600 acres was benefitted.

Financial Targets and Achievements

Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expenditure
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA									
MAJOR PROJECTS.									
1.	Krishna Barrage	130.00	130.00	79.42	26.25	13.68	6.90	5.10	131.35
2.	Romperu Drainage Scheme	2.14	3.25	1.43	2.04	0.59	0.14	0.27	4.47
3.	Bhairavanithippa	98.75	111.57	28.21	24.51	81.51	21.08	7.98	113.29
4.	Upper Pennar Project	3.79	33.64	21.04	7.94	1.29	1.76	0.06	32.09
5.	Rallappadu Project	44.00	27.75	20.87	5.28	3.87	(-)0.33	1.96	31.65
6.	T.B.P. Low Level Canal	69.23	91.11	28.23	20.90	25.12	15.83	8.43	98.51
7.	T.B.P. High Level Canal	300.00	300.00	7.27	14.01	14.11	62.15	107.09	204.68
8.	Vamsadhara Project	85.00	10.00	..	..	..	..	0.61	0.61
9.	Investigation of Projects	10.00	10.00	..	..	..	0.12	10.41	10.58
Total for Major Projects :		742.91	717.32	186.47	100.93	90.17	107.65	141.91	627.13
MEDIUM PROJECTS (Spill-over)									
1.	Narayanapuram Anicut	50.00	55.43	6.88	9.47	10.40	14.99	13.68	55.42
2.	Nagavalli Right side Channel	5.84	11.26	5.27	4.28	2.03	2.19	0.65	14.37
3.	Vegavathi Anicut	3.13	9.65	4.62	8.58	1.87	3.21	1.64	19.87
4.	Seethanagaram Anicut	1.93	4.73	1.90	1.66	0.89	2.95	0.54	7.94
5.	Gambhiram Gadda Reservoir	0.56	4.46	2.80	1.06	0.61	1.41	0.61	6.49
6.	Remodelling of Bandakattu Channel	0.11	0.56	0.26	0.06	(-)0.04	0.19	0.06	0.53
7.	Nakkalagandi Reservoir	0.30	0.75	0.33	(-)0.41	0.16	0.56	0.04	0.68
8.	Paleru Reservoir	..	1.05	0.17	0.35	..	0.33	0.08	0.88
9.	Upputeru Lower anicut	..	2.04	1.47	0.16	..	0.62	..	2.25
10.	Kalangi Reservoir	..	16.60	6.32	3.38	5.57	5.23	0.42	20.93
11.	Mallimadugu Project	..	8.42	1.06	2.59	4.25	5.00	0.49	13.39

(Rupees in lakhs.)

IRRIGATION

Physical Targets and Achievements								
Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Additional area brought under irrigation.	Acre ('000)	..	..	..	10.8	39.1	50.0	50.0
Do.	.. "	8.2	8.2	8.2	8.2	8.2	8.2	8.2
Do.	.. "	8.0	..	..	1.7	5.0	5.0	5.0
Do.	.. "	5.0	..	..	1.6	1.6	7.7	7.7
Do.	.. "	7.6	..	..	0.9	0.6	0.5	0.5
Do.	.. "	120.0	24.4	39.9	71.2	100.1	121.0	121.0
	.. "
	.. "
Additional area brought under irrigation.	Acre ('000)	36.8	..	..	27.7	15.3	18.3	18.3
Do.	.. "	6.8	..	..	6.2	5.7	6.7	6.7
Do.	.. "	2.2	..	..	4.0	1.8	2.2	2.2
Do.	.. "	4.0	..	..	1.9	3.4	3.0	3.0
Do.	.. "	0.6	..	..	0.4	0.5	0.5	0.5
Do.	.. "	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Do.	.. "	1.0	..	0.2	0.4	1.0	1.1	1.1
Do.	.. "	..	..	0.5	0.7	0.4	0.6	0.6
Do.	.. "	1.9	..	2.3	2.4	1.9	1.9	4.3
Do.	.. "	4.4	..	..	3.8	3.9	4.3	3.6
Do.	.. "	4.0	..	..	3.5	3.6	3.6	3.6

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
12.	Lower Sagileru Project	9.00	21.70	23.24	2.81	1.02	2.28	(-)1.22	28.18
18.	Pincha Project	2.41	13.50	12.46	5.63	3.78	4.55	(-)1.76	24.66
14.	Siddalagandi Project	0.13	2.60	1.61	1.33	0.25	3.09	0.07	6.38
15.	Vidyaranyaswamy Gudi Project.	..	0.27	0.28	(-)0.02	..	0.03	0.07	0.36
16.	Chennarayaswamy Gudi Project.	1.50	15.73	9.99	2.80	2.03	1.34	-1.18	17.34
17.	Improvement to K.C. Canal and remodelling of K.C. Canal from Miles 6/4 to tail end.	211.00	426.58	164.63	116.19	61.05	42.34	35.05	410.26
18.	Establishment of T.P. Suspense on the above schemes.	10.08	..	..	..	..	..	..	..
	Total	295.99	595.33	243.29	159.82	93.87	90.31	51.59	638.88
<i>New Medium Projects.</i>									
1.	Torigadda Pumping Scheme.	23.42	33.80	..	..	1.05	3.52	8.51	13.08
2.	Paidigam Project	..	11.00	11.00	..	..	0.05	2.11	4.34
3.	Denkada Anicut	..	..	17.25	..	..	7.25	4.50	11.75
4.	Varaha Reservoir	..	25.00	6.00	..	..	0.19	0.51	0.70
5.	Gantavarikothagudem (Thandava Project).	..	..	5.00	..	..	2.73	5.95	8.68
6.	Excavating Paleru Bitragunta Supply Channel.	21.17	14.25	..	..	3.52	5.52	4.32	12.38
7.	Swarnamukhi Left Bank Canal	..	16.00	5.00	..	..	0.02	..	0.02
8.	Zurreru Reservoir	..	13.17	7.15	..	..	3.61	7.13	10.74
9.	Kanupur Canal	..	..	5.25	..	..	0.25	0.80	1.05
10.	Vottigedda Project	..	20.82	19.00	..	..	..	0.05	0.82
11.	Kalyani Reservoir	..	10.00	5.00	..	..	..	..	..
12.	Bahada Reservoir	..	10.00	5.00	..	..	..	..	..

VI—(Contd.)
IRRIGATION

(Rupees in lakhs.)

Physical Targets and Achievements

Item	Unit	Achievements during					Total Achieve- ment during 1956-61	
		Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59	1959-60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Additional area brought under irrigation.	.. Acres (‘000)	1.0	..	..	0.4	0.5	1.4	1.4
Do.	.. „	7.0	..	..	6.0	6.1	7.2	7.2
Do.	.. „	0.1	..	..	..	..	0.1	0.1
Do.	.. „	0.2	..	0.1	0.4	0.1	0.2	0.2
Do.	.. „	0.7	..	..	1.0	0.6	0.9	0.9
Do.	.. „	175.0	100.0	115.9	116.1	123.8	175.0	175.0
Do.	.. „	Not Implemented.						
		No specific targets.						
		„						
		„						
		„						
		„						
		„						
		„						
		Not Implemented.						
		„						
		No specific targets.						
		Not Implemented.						
		„						

STATEMENT
MAJOR AND MEDIUM*Financial targets and Achievements*

Sri. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expenditure	
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
13.	Varadarajaswamy Project.	6.82	..	..	..	..	..	..	..
14.	Pampa Reservoir	..	..	2.00	..	..	..	..	..
15.	Sagileru Anicut	..	15.46	..	..	..	..	..	..
16.	Dorrigalluru Project	..	16.84	..	..	..	..	..	..
17.	Gadigummi Reservoir	..	10.00	..	..	..	..	..	..
Total for New Medium Projects.		..	199.70	135.70	4.62	25.27	33.88	63.77
Total for Andhra		..	1238.60	1448.35	429.76	260.75	188.66	223.23	227.38	1329.78

TELANGANA.

Major Projects.

1.	Rajolibanda Diversion Scheme.	113.05	195.22	6.28	25.74	42.21	34.76	29.46	138.45	
2.	Kadam Project	..	32.30	148.91	10.92	25.22	17.41	58.53	97.80	209.88
8.	Pochampadu Project	..	..	10.00	..	..	..	6.73	19.70	26.43
4.	Investigation of Projects	..	9.50	9.50	..	..	2.19	3.13	..	5.82
Total for Major Projects		..	154.85	363.63	17.20	50.96	61.81	103.15	146.96	380.08

Medium Projects (Spill-over).

1.	Musi Project	..	55.00	152.83	10.27	25.96	42.54	65.91	43.49	188.17
2.	Koilsagar Project	..	1.95	4.37	(—)0.14	0.07	0.54	1.37	0.17	2.01
8.	Bheemanapalli Project	..	0.36	0.19	..	0.04	0.06	0.004	..	0.104
4.	Sarlasagar Project	..	6.89	14.53	2.07	3.61	7.45	2.68	0.71	16.52
5.	Sirla Project	..	0.66	1.82	0.04	0.02	0.52	0.44	0.29	1.31
Total for Medium Projects		..	64.86	173.74	12.24	29.70	51.11	70.404	44.66	208.114

VI
IRRIGATION

(Rupees in lakhs.)

Item	Physical Targets and Achievements								
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61	
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
			Not Implemented.						
			No specific targets.						
			Not Implemented.						
			"						
			"						
Additional area brought under irrigation.	Acres (1000)	18.0	..	..	0.6	5.6	25.6	25.6
Do.	Do.	..	4.2	22.1	7.7	..	..	..
Do.	Do.	..	..	..	..	..	..	..
Do.	Do.	..	..	..	..	..	..	..
Do.	Do.	10.0	..	1.7	3.3	6.4	5.0	5.0	
Do.	Do.	11.0	..	7.1	9.5	11.2	6.5	6.5	
Do.	Do.	..	..	0.2	0.5	0.6	1.1	1.1
Do.	Do.	2.7	..	..	..	1.8	2.8	2.8
Do.	Do.	..	..	..	0.2	0.3	0.6	0.6

STATEMENT
MINOR

Srl. No.	Name of the Scheme	Financial Targets and achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>New Medium Projects.</i>										
1.	Jutpalli Project ..	13.13	6.00	..	..	0.45	2.21	0.76	3.42
2.	Lakshnapur Project ..	9.87	6.00	..	..	..	0.02	..	0.02
3.	Swarna Project ..	..	4.00	..	..	..	..	1.53	1.53
4.	Salivagu Project ..	11.34	1.00	..	..	..	..	1.03	1.03
5.	Nallavagu Project ..	13.28	1.00	..	..	..	..	..	..
6.	Ramadugu Project ..	12.04	1.00	..	..	..	..	..	..
7.	Chinna Musi Project ..	15.94	1.00	..	..	..	..	..	..
8.	Nakkalavagu Project ..	10.63	..	..	..	..	..	..	..
9.	Lakshmisagar Project ..	14.17	1.00	..	..	..	..	..	..
10.	Suddavagu Project ..	30.00	1.00	..	..	..	..	..	..
11.	Lanka Sagar Project ..	..	1.00	..	..	..	..	..	..
12.	Koti Pallivagu Project ..	..	3.00	..	..	..	..	..	..
13.	Dorepallivagu Project ..	13.28	..	..	..	..	..	..	..
14.	Jenlivagu Project ..	32.96	..	..	..	..	..	..	..
15.	Engineering Research Laboratories.	23.80	9.91	..	0.68	3.56	2.12	3.33	9.69	
	Total for New Medium Projects.	200.44	35.91	..	0.68	3.56	4.35	6.65	15.69	
	Total for Telangana ..	420.15	573.28	29.44	81.34	116.93	177.90	198.27	603.88	
	Total for Andhra Pradesh ..	1658.75	2021.63	459.20	342.09	305.59	401.13	425.65	1933.66	

VI
IRRIGATION

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Achievements during</i>							<i>Total Achieve- ment during 1956-61</i>
	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	1956-57	1957-58	1958-59-	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

No specific targets.

Do.

Do.

Do.

Not Implemented.

Not Implemented.

Do.

Do.

Do.

Do.

Do.

Do.

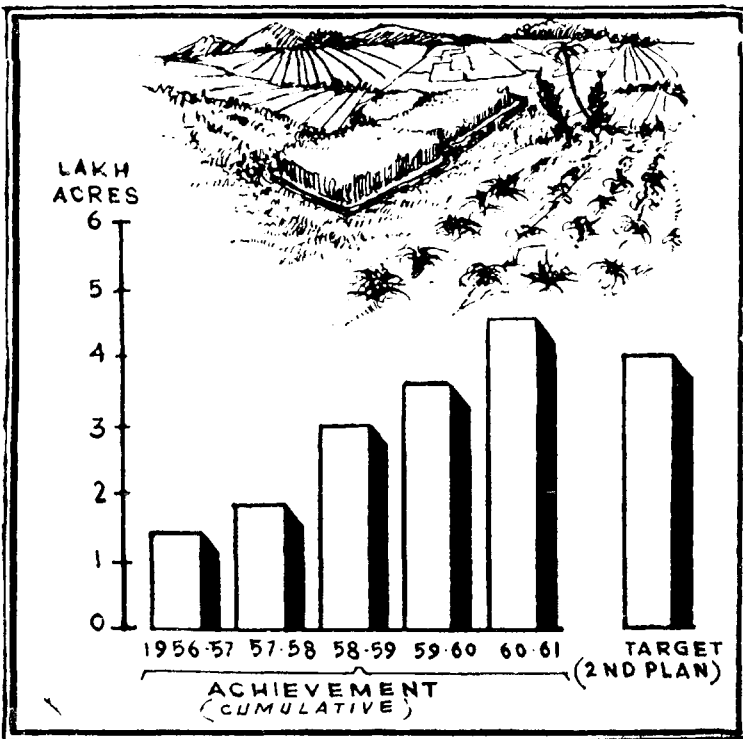
Do.

Do.

No specific targets.

Irrigation (MAJOR & MEDIUM)

AREA IRRIGATED



CHAPTER XX.

POWER

During the Second Plan period 10 Power Projects in Andhra Pradesh were taken up at an estimated cost of Rs. 2,758.02 lakhs. In order to sustain the tempo of developmental activity, this provision was subsequently increased to Rs. 3,260.72 lakhs for expenditure on 10 Projects. Against this provision, an amount of Rs. 3,841.73 lakhs was spent till the end of March 1961. Of this, the expenditure incurred on Projects in the Andhra Region amounted to Rs. 2,805.04 lakhs while that on Telengana Projects amounted to Rs. 1,036.69 lakhs. The physical targets and achievements in respect of certain important items are given below :

Srl. No.	Item	Unit	Target for 1956-61	Achievement during 1956-61
1.	Additional Installed capacity.	KW	1,22,825	1,27,825
2.	H.T. & L.T. Transmission lines.	Miles	10,150	10,150
8.	Electrification of Villages.	No.	1,250	2,444
4.	Per Capita Consumption.	Unit.	15.0	15.0

An account of the progress made in respect of each of the 10 Projects in execution during 1956-61 is given below.

[Statement XX appended shows the scheme-wise financial and physical targets and achievements during the period.]

Machkund Hydro Electric Scheme (Stage I and Stage II):

The Machkund Hydro-Electric Scheme is a Joint venture of the States of Andhra Pradesh and Orissa. The two States share the capital outlay and power benefits in the ratio of 70:30 respectively. The agency for the execution of the scheme is the Government of Andhra Pradesh. This scheme is designed to harness the waters of Machkund River, a sub-tributary of river Godavari and develop power on the right banks of the river near Dudama falls, where a drop of 875 feet is available. An ultimate installed capacity of 1,14,750 K. W. of which 70% is Andhra Pradesh's share is available under this scheme. It was proposed to instal five generating-units three of 17,000 k.w. each, and two of 21,250 K.W. each in the first stage. The installation of two generating units of 17,000 K. W. was completed during the First Five Year Plan period. During the Second plan period, the balance works namely installation of the third unit of 17,000 K. W. and two units of 21,250 K.W. as also the second stage works involving installation of the third 21,250 K. W. unit were taken up and completed. By the end of 1960-61, the total installed capacity of 1,14,750 K.W. envisaged was achieved. A sum of Rs. 831.59 lakhs was spent on this scheme during the Second Plan period as against the revised provision of Rs. 617.25 lakhs. During the year 1960-61, a sum of Rs. 47.72 lakhs was provided for some minor balance works on Jalaput Dam Spill way, construction of permanent roads, etc., and they were in progress at the close of the year.

Tungabhadra Hydro Electric Scheme :

The scheme is a joint venture of Andhra Pradesh and Mysore state, the capital cost and benefits being shared by the two Governments in the ratio of 80:20 respectively. The scheme provided for the development of Power from waters let out into the irrigation canals at two places, one at the foot of the Tungabhadra Dam and another at Hampi ruins, 14 miles below the Tungabhadra Dam, where a drop of 110 feet is available and it was proposed to instal five generating units of 9,000 K. W. each—2 at Dam Power House and 3 at Hampi Power House. But only four generating units under first stage viz. 2 at Dam power house and 2 at Hampi power House were commissioned by the end of 1957-58.

The foreign exchange for the plant and machinery for the last unit i.e. 3rd unit at Hampi was released only at the flag end of the year 1960-61 under Yen credit and orders were placed. A sum of Rs. 386.79 lakhs was spent on this scheme during the plan period and additional installed generating capacity of 28,800 K.W. was achieved. However, in the annual plan for 1960-61, only a sum of Rs. 4.81 lakhs was allotted for this scheme for completion of the balance works of the first stage. Against this, a sum of Rs. 9.48 lakhs was spent and by the end of the Plan period the works connected with the 2nd Low Pressure Pipe lines were in full swing.

Tungabhadra Nellore Hydro-Thermal Scheme.

The Tungabhadra Nellore Hydro-Thermal Scheme provides for the Second Stage development of Tungabhadra Stations by installing three more units, of 9000 k.w. capacity each, two at Dam Power House and one at Hampi Power House and also envisages a 30 M. W. Thermal Station at Nellore to firm up the seasonal Variations in Power generation at the Tungabhadra Station and 132 K. V. transmission line from Hampi to Nellore via Cuddapah with connected sub-stations. The works relating to the 3 units at Tungabhadra Stations and 30 M. W. Thermal Station at Nellore could not be taken up earlier due to non-release of foreign exchange. The foreign exchange was released towards the end of the year 1960-61 and the generating plant and machinery were ordered under "Yen Credit". During the Second Plan period only a sum of Rs. 139.56 lakhs was spent on this scheme against the revised provision of Rs. 194.22 lakhs and preliminary works like survey, preparation of specifications for the machinery at Dam Power House, Hampi Power House and Nellore Power House was attended to and the 132 K. V. transmission line from Cuddapah to Nellore was nearing completion.

Upper Sileru Hydro-Electric Scheme.

First Stage :—The Upper Sileru Hydro-Electric Project was a new scheme taken up during the Second Five Year Plan period. This project envisages the utilisation of the tail-waters of Machkund power station and the free flow of Sileru river between Machkund and Upper Sileru over a drop of about 310 feet, and two generating units.

of 60,000 K.W. capacity each were proposed to be installed. The Scheme was estimated to cost Rs. 927 lakhs for Head works and generating stations including transmission lines. A sum of Rs. 175.01 lakhs was provided for this scheme in the revised plan for the state to meet the cost of construction of camps, excavation of foundations for the Dam, formation of earthen embankments etc., and for placing orders for the purchase of machinery. The administrative sanction for the scheme was given by the state Government and consequent to the agreement reached between the Andhra Pradesh and Orissa Governments with regard to the execution of the scheme, the main civil works were taken up during the year 1959-60 and they were all in good progress. In all a sum of Rs. 143.03 lakhs was spent on all these works by the end of 1960-61.

Srisaïlam Hydro-Electric Scheme :

The Srisaïlam Hydro-Electric Project in conjunction with Nagarjunasagar Hydro-Electric Station is a new Power Project proposed for execution in the third Five Year Plan period for which the preliminary works were taken up in the Second Five Year Plan. It envisages an integrated development of power of 430 M. W. on lower Krishna Basin, with two power stations—one at Srisaïlam and the other at Nagarjunasagar at a capital cost of Rs. 4977 lakhs. The scheme report was submitted to the Government and to Central Water and Power Commission and the technical clearance was awaited. A sum of Rs. 15.00 lakhs was provided during the year 1960-61 against which a sum of Rs. 15.89 lakhs was spent and preliminary works on this scheme are in progress during the period under review.

Rural Electrification :

During the Second Five Year Plan period 1958 towns and villages were electrified in the Andhra Region as against the (revised) target of only 950 towns and villages. Towards rural electrification and for extension of supply to bulk industrial loads such as Ferro-Manganese Factory at Garividi and Nagarjunasagar, etc., a sum of Rs. 1268.48 lakhs was spent during the Second Five Year Plan period. During the year 1960-61, a sum of Rs. 345.73 lakhs was spent and 614 towns and villages were electrified,

Investigation of New Projects :

For the investigation of the Lower Sileru, Nagarjuna-sagar and Srisaïlam Hydro-Electric Projects, a sum of Rs. 14.79 lakhs was provided as the revised Second Plan provision. Against this a sum of Rs. 19.70 lakhs was spent and investigation of all these power schemes are in progress. The investigation of Lower Sileru Hydro-Electric Scheme and the Srisaïlam Hydro-electric Scheme was completed by the end of the Plan period.

TELANGANA

Telangana Hydro-Thermal Scheme :

This is a comprehensive scheme combining the sanctioned Nizamsagar Hydro-Electric Scheme, the original Ramagundam Thermal Scheme and the city Re-organisation Scheme. In addition to this, certain transmission and sub-transmission lines were also envisaged under this scheme with a view to interconnect the generating stations and also to form a grid in Telangana area. During the Second Five Year Plan period the Ramagundam Thermal Station with an installed capacity of 37,500 K. W. was completed and brought into beneficial use in June 1957 ; over 618 miles of 33 K. V. lines and 770 miles of 11 K. V. lines were erected; supply was extended to large bulk loads like Sirpur Paper Mills, Mancherial Cement Factory, Bellampalli Collieries etc. Detailed surveys for about 180 miles of 132 K. V. lines from Tadepalli to Hyderabad were also carried out. In addition, the works on three Central diesel stations at Nizamasagar, Nizamabad and Mahboobnagar were completed. In all a sum of Rs. 530.50 lakhs was spent during the plan period for the execution of all these works and 42,500 K.W. of additional installed generating capacity was added.

During the year 1960-61, the substations at Ramagundam, Bellampalli, Sirpur, Karimnagar, Jammikunta and Siddipet were erected and put into beneficial use. Works on the other two diesel stations proposed at Nirmal and Secunderabad and other works under City Ring Main Scheme were under progress.

Rural-Electrification :

Under this scheme, it was proposed to electrify 300 towns and villages during the Second Plan period at an estimated cost of Rs. 305.07 lakhs (revised). However, a sum of Rs. 504.82 lakhs was spent and 486 towns and villages were electrified during the plan period. Of these, 175 towns and villages were electrified during the year 1960-61.

[*Statement.*

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in					Total Expenditure	
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)*	(10)	
ANDHRA.										
1.	Machkund Hydro Electric Scheme including spill-over of Nellore Thermal Scheme and Muchkund Hydro Electric Scheme Second Stage.	434.00	617.25	467.09	198.10	91.62	29.85	44.93	831.59	
2.	Tungabhadra Hydro-Electric Scheme ..	383.00	360.00	222.62	108.95	85.54	10.20	9.48	386.79	
3.	Tungabhadra Nellore Hydro Thermal Scheme .	675.00	194.22	38.09	(—)9.07	5.56	25.49	79.49	139.56	
4.	Upper Sileru Hydro Electric Scheme ..	50.00	175.01	..	0.74	2.55	46.31	93.43	143.03	
5.	Srisaillam Hydro Electric Scheme ..	..	15.00	..	..	..	..	15.89	15.89
6.	Electrification including extensions costing over Rs. 10 lakhs and extension of supply to bulk loads. ..	614.27	1072.21	152.15	219.81	245.90	304.89	345.73	1268.48	
7.	Investigation of New Projects ..	10.00	14.79	2.31	4.72	3.45	5.10	4.12	19.70	
	Total for Andhra ..	2166.27	2448.48	882.26	523.25	384.62	421.84	593.07	2805.04	
TELANGANA										
1.	Telangana Hydro Thermal Scheme ..	517.05	500.80	121.66	152.69	..	155.67	100.48	530.50	
2.	Rural Electrification scheme ..	70.80	305.07	20.28	79.37	146.97	93.98	164.22	504.82	
3.	Investigation of new Projects ..	3.80	6.37	0.15	1.22	..	..	..	1.37
	Total for Telangana ..	591.75	812.24	142.09	233.28	146.97	249.65	264.70	1036.69	
	Grand total for Andhra Pradesh ..	2758.02	3240.72	1024.35	756.53	531.59	671.49	857.77	3841.73	

* Provisional figures.

(Rupees in lakhs).

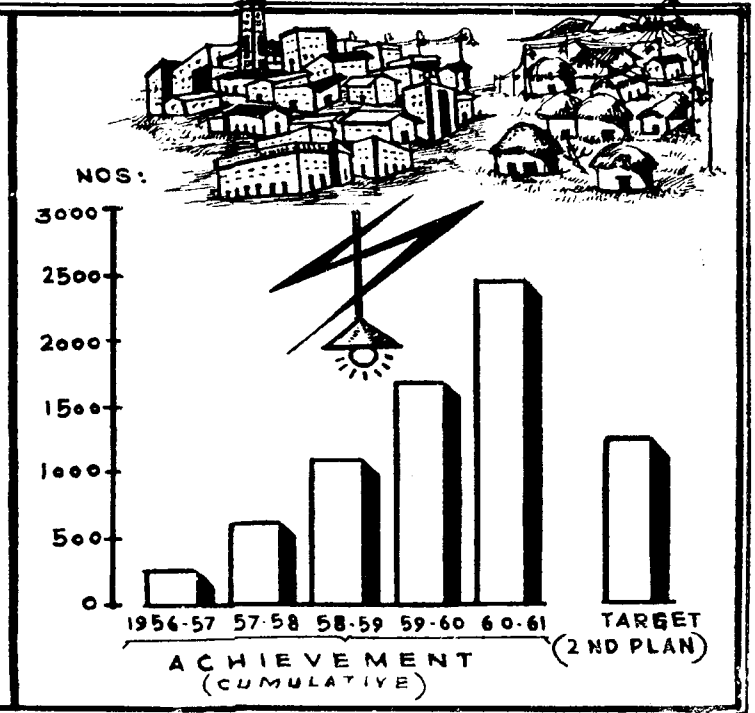
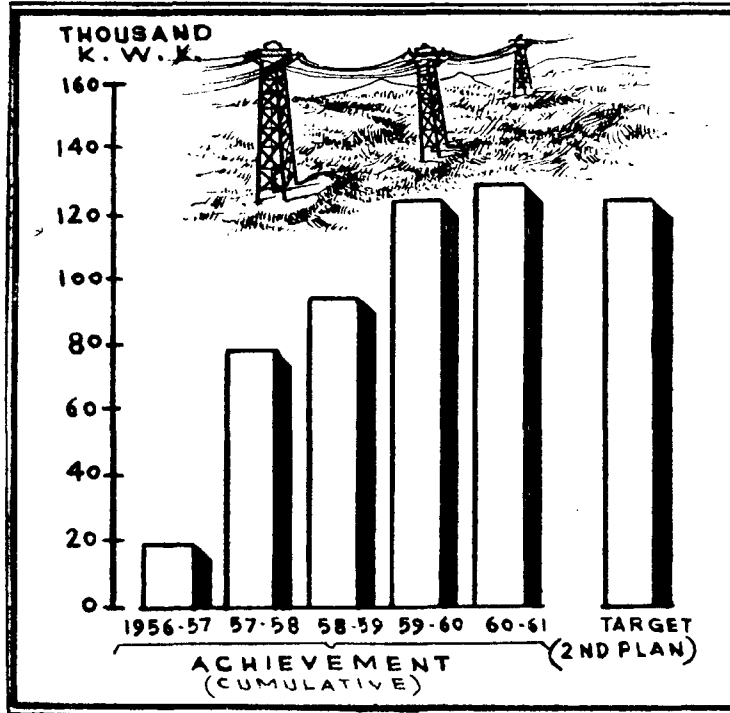
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Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Installed capacity	.. K.W.	56,525	11,900	..	14,875	29,750	..	56,525
do	K.W.	28,800	72,000	26,100	..	..	..	28,800
		No specific targets.						
		do.						
		do.						
Towns and Villages Electrified	No.	950	220	257	373	494	614	1,958
		No specific Targets.						
		..						
Installed capacity	.. K.W.	37,500	..	37,500	..	..	50,000	42,500
Towns and Villages electrified	No.	300	7	107	105	92	175	486
		No specific Targets.						

Power

INSTALLED CAPACITY

TOWNS & VILLAGES ELECTRIFIED



CHAPTER XXI.

LARGE AND MEDIUM INDUSTRIES

A sum of Rs. 292.72 lakhs was provided in the Second Plan for the development of Large and Medium Industries in the State. The Plan envisaged the expansion of the production capacity of Andhra Paper Mills, Rajahmundry from 10 tons paper per day to 50 tons paper per day, expansion of Government Ceramic Factory, Gudur, for the production of high tension and low tension electric insulators, starting of Sri Venkateswara Paper & Straw Board Mills at Tirupathi with a production capacity of 10 tons of Straw board per day and establishment of Co-operative Sugar Factories in the State. But during the course of the Plan, the scheme for starting of Sri Venkateswara Paper and Straw Board Mills, Tirupathi, was deferred in view of the Government's decision to sell away the factory to a private firm. In addition, much work could not be done in respect of the expansion of the capacity of the Andhra Paper Mills, Rajahmundry. Hence the provision for the schemes under this development head was revised to Rs. 165.99 lakhs. Against this, there was an expenditure of Rs. 153.50 lakhs—Rs. 133.46 lakhs in the Andhra Region and Rs. 20.04 lakhs in the Telangana Region. During this period, the expansion programme of the Government Ceramic Factory, Gudur, was completed and the production capacity of the plant was doubled and the manufacture of electric porcelain insulators was taken up. Proposals to start 5 Co-operative Sugar Factories were finalised and they have entered into agreement with Sugar Plant Manufacturing Consortium for the supply of plant and machinery and the installation work is in progress. The Government have also entered into an agreement with the French Firm for the supply of machinery required for the expansion of the Rajahmundry Paper Mills.

Schemewise description of the progress made during 1956-61 is given below.

[Statement XXI appended shows the financial and physical targets and achievements during the period.]

Expansion of Andhra Paper Mills, Rajahmundry.

Under this scheme, it was proposed to increase the production capacity of the paper mills from 10 tons to 50 tons of paper per day and a provision of Rs. 190 lakhs was originally made in the State's Second Plan. Much progress could not be made during the first four years of the Second Plan period as the State Government were negotiating with the State Trading Corporation and Foreign firms for the supply of machinery and equipment. The Second Plan provision was therefore reduced to Rs. 54.44 lakhs. In the year 1960-61, it was proposed to finalise the arrangements for the purchase of machinery and equipment required for the expansion programme and a sum of Rs. 50 lakhs was provided in the annual plan for 1960-61 towards part payment for the machinery. A part of the civil work was also expected to be completed. Orders were placed with M/s. Empacel, Paris for the supply of machinery and equipment required for the expansion scheme and an agreement was also entered into by the State Government with this firm during November, 1960. Land has already been acquired. Plans and estimates for construction of factory buildings and staff quarters are under preparation. Iron and Steel materials worth about Rs. 12 lakhs were purchased. A sum of Rs. 37.74 lakhs was spent during 1960-61 on this scheme as against the annual plan provision of Rs. 50 lakhs. The cumulative expenditure on this scheme amounted only to Rs. 42.18 lakhs during the Second Plan Period.

The expansion programme will be completed in the Third Plan and the scheme was treated as a spill-over scheme in the Third Plan with a provision of Rs. 400 lakhs.

Expansion of Government Ceramic Factory at Gudur :

A sum of Rs. 8.74 lakhs was spent on the expansion of the Government Ceramic Factory, Gudur, during the Second Plan period. The scheme envisaged the manufacture of high tension and low tension electric insulators and also substantial improvement in the quantity and quality of sanitaryware produced in the factory. The expansion programme was physically completed by the end of third year but an expenditure of Rs. 1.57 lakhs

was incurred on the purchase of stores, machinery and equipment during 1959-60. The production capacity of the plant has been doubled and the manufacture of electric poscelain insulators has been taken up as an additional line of production in 1959-60.

Starting of Sri Venkateswara Paper and Straw Board Mills, Tirupati:

Sri Venkateswara Paper and Straw Board Mills, Tirupathi which was liquidated under private management and taken over by the State Government was proposed to be started as a State enterprise during the Second Plan period. Much progress could not be made in implementing this scheme during the first two years. A sum of Rs. 1.23 lakhs was spent during 1958-59 towards the purchase of machinery, construction of buildings, etc. During the year 1959-60, it was proposed to continue the construction programme commenced in the previous year and also purchase the machinery and equipment required for the factory. The State Government have subsequently received proposals for the purchase of the Mills from a private firm and the Government have also decided to dispose of the Mills. As such further implementation of the development programme was deferred and a sum of Rs. 0.46 lakh was spent during the year 1959-60 for the completion of the buildings, etc. An amount of Rs. 1.70 lakhs was spent on this scheme during the Second Plan period.

Co-operative Sugar Factories (Andhra):

Under this scheme, four Co-operative Sugar Factories, one each at Amadalavalasa, Chodavaram, Palakol and Chittoor were started. All these factories were licensed and Government have contributed a sum of Rs. 20 lakhs to each of them, towards share capital. The Industrial Finance Corporation has sanctioned loans to the extent of Rs. 75 lakhs each and is considering the sanction of additional loan of Rs. 15 lakhs to each. These institutions are also provided with the services of Deputy Registrars who are working as their General Managers. The four institutions have entered into agreement with Sugar Plant Manufacturing consortium for the supply of plant and machinery and the installation work, which is

briskly progressing is expected to be completed soon and the factories would go into production from the 1961-62 crushing season.

A total sum of Rs. 80.84 lakhs was spent under the scheme against the revised provision of Rs. 80.86 lakhs..

Co-operative Sugar Factories (Telangana):

The proposal to establish a Co-operative Sugar Factory at Nizamabad was finally got approved and during 1960-61, Government contributed a sum of Rs. 20 lakhs to its share capital. The society has entered into necessary agreement with the machinery suppliers and has applied to the Industrial Finance Corporation for a loan of Rs. 90 lakhs. The installation work is expected to be completed and the factory will go into production during the 1962-63 season.

The services of a Deputy Registrar to work as the General Manager are also made available to the society.

A sum of Rs. 20.04 lakhs was spent under the scheme.

[*Statement.*

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Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA.										
1.	Expansion of Andhra Paper Mills Rajahmundry.	190.00	54.44	..	..	2.40	2.04	37.74	42.18
2.	Expansion of Government Ceramic Factory, Gudur.	12.60	8.74	2.57	1.81	2.79	1.57	..	8.74	
3.	Scheme for starting of Sri Venkateswara Paper and Straw Mills, Tirupathi.	10.35	1.70	..	0.01	1.23	0.46	..	1.70	
4.	Co-operative Sugar Factories.	60.77	80.86	0.22	24.23	24.06	32.20	0.13	80.84	
	Andhra total	.. 273.72	145.74	2.79	26.05	30.48	36.27	37.87	133.46	
TELANGANA.										
1.	Co-operative Sugar Factory at Nizamabad.	19.00	20.25	..	..	..	..	20.04	20.04
	Total Andhra Pradesh	.. 292.72	165.99	2.79	26.05	30.48	36.27	57.91	153.50	

XXI.

MEDIUM INDUSTRIES.

(Rs. in lakhs).

Item	Physical Targets and Achievements							
	Unit	Targets for 2nd Plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Production of paper	.. Tons per day.	50	..	..	..	..	..	..
Production of electric insulators and crockeries.	Tons per year.	1,000	..	..	..	..	..	..
Production of Straw Board	.. Tons per day.	10	..	..	..	..	..	..
Sugar Factories ..	No.	5	..	2	2	..	..	4
Sugar Factories ..	No.	1	..	..	..	..	1	1

CHAPTER XXII.

VILLAGE AND SMALL SCALE INDUSTRIES.

In the development plan for 1956-61, a sum of Rs. 1,152.23 lakhs was provided for the implementation of 210 schemes designed for the development of Village and Small Scale Industries in the State. Subsequently some schemes were either dropped or deferred and the provision in respect of certain other schemes was revised in accordance with the requirements. In addition, some schemes which were originally not included in the Plan were also brought within the Plan and implemented. As a result of these changes, 202 schemes costing Rs. 895.36 lakhs were actually programmed for implementation. However, expenditure amounting to Rs. 861.65 lakhs was actually incurred on 200 schemes, during the Plan period. Of this, a sum of Rs. 524.46 lakhs was spent in the Andhra Region and the remaining amount of Rs. 337.19 lakhs was spent in the Telangana Region. Some of the important physical achievements under this development head during 1956-61, are furnished in the following Table-

<i>Srl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Target for 1956-61</i>	<i>Achievements during 1956-61</i>
(1)	(2)	(3)	(4)	(5)
I. <i>Small Scale Industries:</i>				
1.	Production-cum- Training Centres started.	No.	35	35
2.	Value of articles produced.	Rs. in lakhs	50.94	32.48
3.	Candidates Trained.	No.	1,688	1,152
4.	Loans under State- Aid to Industries Act.	Rs. in lakhs	30.52	24.02
5.	Co-operative Centres established.	No.	30	30

(1)	(2)	(3)	(4)	(5)
II. Industries Estates:				
6.	Establishment of Industrial Estates.	No.	11 (5 in progress.)	11
III. Handicrafts:				
7.	Centres started	No.	12	12
8.	Value of articles produced.	Rs. in lakhs	Not fixed	4.72
9.	Candidates Trained.	No.	475	300
IV. Sericulture:				
10.	Additional area brought under mulberry cultivation.	Acres	1,360	1,093
11.	Candidates Trained.	No.	350	192
V. Coir Industries:				
12.	Coir Goods Produced.	Value in lakhs of Rs.	Not fixed	0.76
13.	Candidates Trained.	No.	216	156
VI. Handlooms:				
14.	New Looms Admitted.	No.	32,862	32,862
15.	Increase in Share Capital of Members.	No.	9,140	9,140
16.	Rebate on sale of Handloom Cloth.	Rs. in lakhs	229.73	229.73
17.	Establishment of Spinning Mills.	No.	2	2
18.	Production of Yarn	No. of Bales	71,256	71,256

An account of the progress made in respect of the schemes implemented is given below. Statement XXII appended shows the schemewise financial and physical targets and achievements during the period 1956-61.

CHAPTER XXII.

SMALL SCALE INDUSTRIES SCHEMES, ANDHRA

Establishment of six Production-cum-Training Centres in Carpentry.

Six Production-cum-Training Centres in Carpentry were established at Srikakulam, Eluru, Guntur, Nellore, Cuddapah and Kurnool during 1956-57 to impart training to established artisans in the use of improved tools and in the manufacture of quality furniture on improved lines. They are functioning in the permanent buildings constructed for these centres. Each centre was designed to train 12 candidates per year with provision for payment of stipends at the rate of Rs. 30 per month to the trainees during the training period. During the course of 5 years, 245 candidates were trained in these 6 centres in 5 batches so far and 72 trainees are undergoing training. During the Second Plan period articles worth Rs. 4.88 lakhs were produced in these centres and a sum of Rs. 9.58 lakhs was spent on this scheme.

Establishment of six Production-cum-Training Centres in Blacksmithy.

Six Production-cum-Training Centres in Blacksmithy were established during 1956-57 at Srikakulam, Eluru, Guntur, Nellore, Cuddapah and Kurnool to impart training to established Blacksmiths in the repair and manufacture of agricultural implements, hand tools, etc., on improved lines. They are functioning in the permanent buildings constructed for these Centres. Twelve candidates are expected to be trained in each Centre per year and stipends at the rate of Rs. 30 per month are paid to the candidates during the training period. The trainees will be encouraged to establish small manufacturing units or to form into Industrial Co-operatives after their training. A sum of Rs. 7.26 lakhs was spent on this scheme during the Second Plan period and 247 trainees have been trained in these six Centres. Articles worth Rs. 2.87 lakhs were produced in these Centres during the Plan period.

Establishment of a Training-cum-Production Centre for manufacture of Crayons and other plaster products at Rajahmundry.

A Production-cum-Training Centre for the manufacture of crayons and other plaster products was started at Rajahmundry during 1956-57 to meet the demand for crayons from schools, colleges and other educational institutions and to train twelve Artisans per year. So far 42 candidates were trained during Second Five-Year Plan. The total Second Plan expenditure on this scheme amounted to Rs. 1.11 lakhs and articles worth Rs. 0.33 lakh were produced in the Centre.

Training-cum-Production Centre for Moulders at Vijayawada.

A Production-cum-Training Centre was established during 1956-57 for imparting training to moulders in the improved methods of casting and moulding. This centre was designed to train 12 candidates per year who after completing their training will be able to get employment in Engineering Workshops. 48 trainees have completed their training during Second Five-Year Plan and 12 trainees are under training. An expenditure of Rs. 2.75 lakhs was incurred on this scheme during the Second Plan period and castings worth Rs. 0.20 lakh were produced in the Centre.

Establishment of Training-cum-Production Centre for the manufacture of Stoneware and Earthenware products at Anakapalle and Vizianagaram.

Under this scheme, 2 Production-cum-Training Centres were started at Anakapalle and Vizianagaram during 1958-59 for the manufacture of Stoneware and Earthenware products and for imparting training to candidates in each Centre. A sum of Rs. 2.86 lakhs was spent on this scheme during the Second Plan period and 48 candidates were trained in the two Centres. Stoneware Jars worth Rs. 0.75 lakh were produced.

Manufacture of Scientific Glass Apparatus at Gudur.

A Production-cum-Training Centre for the manufacture of scientific and laboratory glassware was started during 1956-57 in the Government Ceramic Institute, Gudur. In this Centre facilities are available for giving

training to 10 candidates per year. 22 candidates were trained in the Centre during Second Five-Year Plan. 10 trainees are at present undergoing training. A sum of Rs. 1.34 lakhs was spent during Second Five-Year Plan period under this scheme. The unit has produced glass articles worth Rs. 0.14 lakh during the Second Five-Year Plan period.

Establishment of Mobile Carpentry Demonstration Unit.

The object of this scheme is to demonstrate through a mobile unit the use of modern machines and improved tools to the village artisans in order to enable them to improve their production technique in carpentry. Demonstrations are conducted at each place for a period of 20 to 30 days and enthusiastic artisans are allowed to operate these machines. The van has covered Chittoor Nellore districts and is now conducting demonstrations in Krishna district. A sum of Rs. 0.91 lakh was provided in the Second Plan period out of which an amount of Rs. 0.88 lakh was spent.

Manufacture of Palmyrah Brushes at Kakinada.

A Production-cum-Training Centre for the manufacture of palmyrah brushes was started during 1957-58 at Kakinada which is an important Palmyrah fibre exporting Centre. 6 candidates per year with a stipend of Rs. 20 per month each are being trained in this Centre. The centre has since been shifted to a permanent building constructed in the Industrial Estate at Samalkot. 18 candidates were trained in this Centre during Second Five-Year Plan and six candidates are undergoing training. An amount of Rs. 0.71 lakh was spent and goods worth Rs. 0.21 lakh were produced.

Establishment of a Model Leather Goods Manufacturing Centre at Vijayawada.

With a view to manufacturing goods of improved types and new varieties on commercial lines by employing the local skilled workers and to impart training to 12 artisans a year, a model leather goods manufacturing centre was established at the Industrial Estate Vijayawada. 48 candidates were trained during the Second Five-Year Plan period. 12 candidates are undergoing training and

each trainee is paid a stipend of Rs. 30 per month. A provision of Rs. 3.44 lakhs was made in the Second Plan out of which an expenditure of Rs. 3.41 lakhs was incurred and articles worth Rs. 1.57 lakhs were produced.

Establishment of a Production-cum-Training Centre in Ceramic ware at Dronachalam.

This is a service-cum-commercial scheme aiming at the production of Ceramic-ware besides imparting training to artisans in the manufacture of Ceramic-ware on improved lines. The centre is functioning in the permanent building. 12 candidates were trained during the Second Plan period. A sum of Rs. 1.60 lakhs was provided for the scheme in the Second Plan out of which an amount of Rs. 1.49 lakhs was spent and goods worth Rs. 0.37 lakh were produced during the Plan period.

Establishment of a Production-cum-Training Centre in Carpentry at Visakhapatnam.

A production-cum-training centre in carpentry was established at Visakhapatnam during 1956-57 as an ancillary to Hindusthan Shipyard to supply small items of furniture and with a view to imparting training in the use of improved tools and the manufacture of quality furniture on modern lines. The centre is functioning in a permanent building at Industrial Estate at Visakhapatnam. 6 artisans per year are trained with a stipend of Rs. 30 per month in this Centre. 30 candidates have completed training during Second Five-Year Plan period. A sum of Rs. 5.46 lakhs was spent and goods worth Rs. 4.23 lakhs were produced.

Tile Training-cum-Production Centre at Pendurthi.

The Centre is functioning in the permanent building. The construction of kiln has been completed. A sum of Rs. 2.06 lakhs was spent on this scheme during the Second Plan period. Mangalore tiles worth Rs. 0.58 lakh were produced.

Two General Purpose Engineering Workshops at Cuddapah and Tadepallegudem.

Two well equipped general purpose engineering workshops at Cuddapah and Tadepallegudem were established to undertake repairs to oil engines, pumps

and automobiles, etc., and to provide facilities for the manufacture of fabrication and simple structural items, mechanical implements, etc., required by the agriculturists and industrialists. An amount of Rs. 6.68 lakhs was provided in the Second Plan for this scheme and against this a sum of Rs. 6.47 lakhs was spent. Articles worth Rs. 2.37 lakhs were produced at these workshops.

Graphite Crucible Industry at Rajahmundry.

A centre for the refining of graphite and standardising suitable composition, was started at Rajahmundry where graphite crucibles are being manufactured on crude lines. Research work on the blending of graphite required for crucible industry will be carried out in this centre besides demonstrating improved methods of manufacture of crucibles. A sum of Rs. 1.25 lakhs was provided in the Second Plan for this scheme out of which Rs. 1.17 lakhs was spent.

Starting of a Production-cum-Training Centre for Enamelware at Gudur.

This scheme was intended for imparting training to 10 candidates with a stipend of Rs. 25 per month each in the manufacture of enamelware including enamel sign boards, by establishing a training-cum-production centre. The Centre has been located in the permanent building. 18 candidates have been trained and 10 candidates are undergoing training. A sum of Rs. 1.04 lakhs was provided for this scheme in the Second Plan out of which an expenditure of Rs. 1.03 lakhs was incurred and goods worth Rs. 0.06 lakhs were produced.

Manufacture of Bicycle Spare Parts at Vijayawada.

It was proposed to establish a small production unit at Vijayawada for the manufacture of bicycle spare parts and accessories and to train 6 persons a year with a stipend of Rs. 30 per month each. The Centre is functioning in permanent building in the Industrial Estate at Vijayawada. 12 trainees were trained. A sum of Rs. 5.57 lakhs was provided for this scheme in the Second Plan out of which a sum of Rs. 4.90 lakhs was spent and goods worth Rs. 0.40 lakh were manufactured.

Establishment of a Workshop for manufacture of Builder's Hardware at Dowlaiswaram.

Dowlaiswaram is famous for the manufacture of iron safes, beam seals and builders' hardware. With the huge P.W.D. workshop next door and the skilled workers available in large numbers in the area, there is a bright prospect for the manufacture of builders' hardware on modern methods in the place. A scheme for the manufacture of builders hardware has therefore been sanctioned at this place. A sum of Rs. 4.83 lakhs was provided for this scheme in the State's Second Plan out of which an expenditure of Rs. 4.80 lakhs was incurred and goods worth Rs. 1.97 lakhs were produced.

Model Tannery at Guntakal :

With a view to producing leather goods of superior quality and to impart training to 12 artisans a year, it was proposed to establish a model tannery at Guntakal. The construction of permanent building has been completed. Orders for the supply of equipment were placed and it is being received. A sum of Rs. 2.09 lakhs was provided for this scheme in the Second Plan out of which Rs. 1.64 lakhs was spent during the Plan period.

Model Tannery and Footwear Manufacturing Centre at Eluru

This is a service-cum-commercial scheme, the object of which is to start a model tannery with a footwear manufacturing unit attached to it at Eluru for the manufacture of leather goods and footwear on improved lines and train 20 artisans per year engaged in the trade at Rs. 20 per month as stipend. The footwear section has been functioning in a rented building from May, 1958 and 60 trainees were trained during Second Five Year Plan period. A sum of Rs. 1.57 lakhs was provided in the Second Plan for this scheme out of which Rs. 1.51 lakhs was spent and articles worth Rs. 0.32 lakh were produced.

Stoneware Pipes Manufacturing Factory at Rajahmundry

This scheme aims at the establishment of a small factory for the manufacture of stoneware pipes. This is a commercial scheme to be run departmentally. An amount of Rs. 7.09 lakhs was provided in the Second Plan for this scheme out of which an expenditure of

Rs. 6.68 lakhs was incurred up to the end of March 1961 and the production during the Plan period amounted to Rs. 3.42 lakhs.

Small Scale and Cottage Industries Research Institute, Vijayawada.

In order to undertake research and evolve small machines and appliances within the reach of the rural artisans, a scheme for establishing small scale and cottage industries research institute has been sanctioned. Most of the items of the machinery have been received and installed. The construction of buildings is completed. The post of Research Officer is being filled up through Andhra Pradesh Public Service Commission. A sum of Rs. 1.34 lakhs was spent on this scheme during the Second Plan period.

Scheme for the manufacture of Low Loss Ceramicware and Radio Components at Gudur.

This unit was established in the premises of the Ceramic Factory at Gudur in the year 1959-60 with a view to manufacture low loss ceramicware and radio components. The required machinery has not been completely received. The unit will go into production as soon as the outstanding items of the machinery are received. A provision of Rs. 0.59 lakh was made in the Second Plan for this scheme out of which a sum of Rs. 0.47 lakh was utilised upto end of the Plan.

Scheme for the manufacture of Steel Trunks at Ramachandrapuram.

The scheme envisages the establishment of a small unit for manufacture of steel trunks at Ramachandrapuram in the Kakinada-Peddapuram Pilot Project Areas. Machinery required for the unit has already been received. Construction of the building is being taken up by P.W.D. Out of the Second Plan provision of Rs. 0.42 lakh, a sum of Rs. 0.12 lakh was spent on this scheme during the Plan period.

Scheme for manufacture of Photo Frames at Kakinada.

The scheme aims at establishment of an unit at Kakinada for the manufacture of photo frames, electric casing, cart-wheels and furniture, etc., on modern methods.

Construction of the building is nearing completion. The required machinery has been received. A provision of Rs. 1.21 lakhs was made for this scheme in the Second Plan out of which an expenditure of Rs. 0.60 lakh was incurred during the Plan period.

Scheme for the establishment of locks manufacturing unit at Tadukupet.

This scheme is intended for the setting up of a unit for the manufacture of locks at Tadukupet on modern lines. Construction of buildings has been completed. Machinery required for this unit has also been partly received and balance items of machinery are expected shortly. A sum of Rs. 0.99 lakh was provided in the Second Plan for this scheme out of which a sum of Rs. 0.45 lakh was utilised during the plan period. The unit will go into production during 1961-62.

Scheme for the establishment of Tool Room Servicing Shop at Visakhapatnam.

This scheme is intended for the establishment of a tool room servicing centre in the Industrial Estate at Visakhapatnam. An amount of Rs. 3.54 lakhs was provided for the scheme in the Second Plan out of which a sum of Rs. 3.41 lakhs was utilised during the Plan period. The construction of building has been completed and machinery has also been installed. The unit is now functioning to cater to the needs of the tenant industrialists of the Estate.

Scheme for the establishment of Raw Material Servicing Centre at Visakhapatnam.

The unit serves the needs of the small industrialists of Visakhapatnam and in particular to the tenant-industrialists in Industrial Estate, Visakhapatnam. The centre procures stocks of iron and steel and will supply essential raw materials on no-profit and no-loss basis. A sum of Rs. 4.69 lakhs was provided for the scheme in the Second Plan and an expenditure of Rs. 1.67 lakhs was incurred during the Plan period.

Scheme for the establishment of general Engineering work shops at Nandyal and Samalkot.

These two units serve as servicing Centres to small industrialists of the places and in particular to the tenant industrialists located on the industrial estates. Buildings have been completed and the machinery has also been installed. A sum of Rs. 3.30 lakhs was utilised during the Second Plan period out of a plan provision of Rs. 4.50 lakhs.

Scheme for the establishment of Sheet Metal Workshop at Uravakonda.

The scheme is intended for the manufacture of different articles made out of sheet metal utilising power driven machinery besides training 6 artisans on a stipend of Rs. 30 per month each. The building has been completed and machinery is being installed. A sum of Rs. 0.96 lakh was provided in the Second Plan for this scheme and a sum of Rs. 0.71 lakh was spent.

Scheme for the establishment of 6 production wings in Six Carpentry Centres at Eluru, Guntur, Nellore, Cuddapah Srikakulam and Kurnool.

With a view to undertake production on commercial lines, a production wing in each carpentry centre has been established at the above places. The buildings are nearing completion and the required machinery is expected to be installed shortly. There was a provision of Rs. 1.06 lakhs for the scheme in the Second Five Year Plan period out of which an amount of Rs. 0.80 lakh was spent till the end of March, 1961.

Scheme for the establishment of Raw Material Servicing Centre at Vijayawada, Nandyal and Samalkot.

The units have been started on similar lines as at Hyderabad and Visakhapatnam. The units located at Vijayawada and Samalkot have been functioning while the building for the other unit is still under construction. A sum of Rs. 5.12 lakhs was provided for this scheme in the Second Plan out of which a sum of Rs. 3.06 lakhs was utilised.

INDUSTRIAL ESTATES ANDHRA.

Industrial Estate, Visakhapatnam:

The scheme was sanctioned in April, 1957 and a provision of Rs. 29.04 lakhs was made in the Second Plan for this scheme and an expenditure of Rs. 27.98 lakhs was incurred. Construction work of all the thirty three units was completed. All the units were allotted and occupied. Twelve units have started working.

Industries producing G.I. Wire, Bolts and Nuts, Rivets, Wash A.B. Switches, Tape Records, G.I. Buckets, Zinc Oxide, Hospital Equipment, Shoe Tackes, Mosaic Tiles, Panel Pins, Non-ferrous Rolling and Pressing Agricultural Implements etc. have been started on this estate. The industrialists have invested Rs. 22.80 lakhs and 154 people have been employed on the Estate at present.

Industrial Estate, Vijayawada:

The scheme was sanctioned in December, 1957 and a provision of Rs. 23.05 lakhs was made in the Second Plan for this scheme out of which Rs. 22.87 lakhs was spent for the construction of 22 factory buildings.

Industries manufacturing Bolts and Nuts, Mirrors, Cosmetics, Cycles and Cycle parts, Gem Clips, Storage Batteries, Graphite Crucible, G.I. Buckets, Woods Screws, Cement Grinding Media, Electrical Wires and Conductors, Agricultural Implements, Hospital equipment, Stainless Steel and Copper Utensils etc., have been started on this estate. The investment made by the industrialists is Rs. 14.00 lakhs and 156 people are employed on the Estate.

Industrial Estate, Samalkot:

This is an estate started in Pilot Project area. The Scheme was sanctioned in January, 1958. Twenty four factory buildings were constructed on this Estate at a cost of Rs. 7.22 lakhs during Second Five Year Plan. All the units were allotted and out of them 21 have been occupied. Ten units have started functioning.

Ambar Charkas, Radios and Amplifiers, Cast Iron Foundry, Plastic Bangles and Spectacles, Agricultural Implements, Graphite Crucibles, Hospital equipment, Wall Clocks, Paper Bags, Baby Cars and Boilers etc. are being manufactured on the Estate. An amount of Rs. 3.83 lakhs was invested by industrialists and about 100 workers are employed on the Estate.

Industrial Estate, Nandyal:

The scheme was sanctioned in December, 1958. Ten factory buildings were constructed on this estate. All the units have been allotted and five units have been occupied so far. One unit started functioning and the remaining will commence work shortly. A sum of Rs. 3.18 lakhs was spent on this scheme during the plan period against the provision of Rs. 3.25 lakhs.

Industrial Estate, Cuddapah:

The scheme was sanctioned in the month of December, 1959. Sixteen factory buildings are proposed to be constructed on this Estate during the Plan period a sum of Rs. 6.55 lakhs was spent against the Plan provision of Rs. 6.12 lakhs and the construction work was completed.

Assisted Private Industrial Estates at Eluru and Guntur:

The demand for Industrial Estates has been increasing from all parts of the state. But owing to the limited resources available, it is not found possible for the Government to take up the establishment of Industrial Estates in too many places. Therefore the Government have evolved a new scheme "Assisted Private Industrial Estates" for setting up Industrial Estates which do not involve much expenditure on part of the Government.

Under this scheme, Government will purchase the land, develop it with all common services such as formation of roads, drains, water supply, electricity etc., and lease out the plots to prospective occupant industrialists on long term lease for construction of their own factory buildings. On his part, the occupant industrialist should construct his factory building with the

liberalised loan assistance from the Andhra Pradesh State Financial Corporation and the Department of Industries and Commerce.

Assisted Private Industrial Estate Eluru :

The scheme was sanctioned in November, 1960. A suitable piece of land was selected and land acquisition proposals were sent to Government. Lay out and types of factory buildings were finalised. Twenty eight factory buildings are proposed to be constructed on this Estate. A sum of Rs. 0.08 lakh was spent on this scheme during the Second Five Year Plan period against the plan provision of Rs. 2.00 lakhs.

Assisted Private Industrial Estate Guntur :

The Scheme was sanctioned in November, 1960. A suitable land was selected for locating the Estate and was taken possession of. Layout and types of buildings have been finalised. Sinking of tube wells for water supply to the Estate is in progress. Foundation stone for the estate was laid by the Minister for Small Scale Industries and Excise on 28-4-1961. A sum of Rs. 0.01 lakh was spent on this scheme during Second Five Year Plan.

HANDICRAFTS (ANDHRA AREA)

Establishment of a Production-cum-Training Centre for Wooden Toys at Tiruchannur.

With a view to impart training to artisans for a period of one year in the manufacture of wooden toys on improved lines, a Production-cum-Training Centre was started at Tiruchannur in 1956. During the Second Plan period 30 artisans were trained at an expenditure of Rs. 0.41 lakh as against the Plan provision of Rs. 0.51 lakh. Articles worth Rs. 0.06 lakh were produced.

Scheme for the Development of Bamboo and Rattan Basket Making:

Under the Scheme three Training Centres were started at Nellore, Kodur in Cuddapah District and at Thummapala in Vizag District, during the year 1957-58. 57 candidates were given training upto the end of

Second Plan in the manufacture of Bamboo and Rattan articles on modern lines and in the year 1959-60. Industrial Co-operative Societies were organised at the above Centres as a follow up measure. The Societies were given financial assistance in the shape of loans as well as grants. During the Second Plan period the Societies have produced goods worth Rs. 0.06 lakh and an expenditure of Rs. 0.48 lakh has been incurred under this Scheme.

Establishment of Sales Emporium for Village and Cottage Industries Products at Tirupathi:

This emporium was started during the year 1957-1958. During the Second Plan period a sum of Rs. 1.51 lakhs was spent under this scheme and goods worth Rs. 0.97 lakh were sold.

Establishment of Production-cum-Training Centre in Lacquer and Woodenware at Ettikoppaka (Vizag District).

A training Centre was started during 1957-1958 for imparting training in up-to-date methods of making lacquer toys. During the Second Plan period 48 artisans were given training and an expenditure of Rs. 0.43 lakh was incurred. A Co-operative Society was also organised as a follow up measure during 1959-1960.

Development of Bamboo and Basket making Industry at Guntakal and Araku.

Training centres were started under the scheme in the year 1956-57 and by the end of 1958-59, 20 candidates were given training. During the year 1959-60 the training centre was closed and Industrial Co-operative Societies were organised providing financial assistance by way of loan and grant. An expenditure of Rs. 0.34 lakh was incurred under the scheme during the Second Plan period and Rs. 0.05 lakh worth articles were sold. The Co-operative Societies are expected to attain commercial stature in the near future.

Establishment of Production-cum-Training for Ivory and Horn articles at Visakhapatnam:

The training centre was started in 1958-59. A Co-operative Society was also organised in the year

1959-60 and 18 artisans were trained during the Second Plan period. The society is expected to take up active production soon.

Establishment of Wool Processing and Dyeing Centre at Eluru:

With a view to revive and assist the Pile Carpet Weaving Industry at Eluru, a Wool Processing and Dyeing Centre was proposed to be set up during Second Plan. The society was as programmed, established and given a working capital loan of Rs. 1.00 lakh besides managerial assistance. A sum of Rs. 1.72 lakhs was spent under the scheme during the Second Five-Year Plan and the Society sold Rs. 0.96 lakh worth carpets.

Scheme for Inter-State Marketing in the Central Emporium, Vijayawada:

The scheme envisages to give impetus to Inter-State trade besides encouraging the increased production and profitable marketing of the finished goods of the various Cottage and Village Industries in the State. The scheme is in operation from 1958-59. During the Second Plan period goods worth Rs. 3.19 lakhs were marketed by the Emporium and the expenditure under the Scheme amounted to Rs. 0.42 lakh.

Scheme for imparting training in the manufacture of Kondapalli Toys.

Under the scheme 34 trainees were trained during the Second Plan period at a cost of Rs. 0.29 lakh. The scheme aims at providing adequate number of artisans for the Industry to enable it to meet the large demand for its products both within and outside the State.

Scheme for opening of Class II Procurement-cum-Sales Depot at Visakhapatnam:

The scheme was started in 1958-59. During the Second Plan period an expenditure of Rs. 1.38 lakhs was incurred and sales worth 0.55 lakh were effected.

Scheme for Kalamkari Printing Industry at Masulipatnam.

The scheme was started in 1958-59. During Second Plan training was given to 12 candidates in the craft

besides assisting the society in improving the quality of goods, introduction of new designs and expansion of production and sales.

An expenditure of Rs. 0.26 lakh was incurred under the scheme during the Second Plan period.

Scheme for the Development of Asia Rumals Weaving at Chirala, Guntur District:

Financial Assistance is being given to the Asia Rupal Weavers Co-operative Society at Chirala from 1959-60. During the Second Plan period Rs. 0.18 lakh was spent under the scheme and Rs. 0.64 lakh worth goods were produced. 74 Rupal Weavers are working in the Society.

Scheme for Musical Instruments making at Bobbili:

A sum of Rs. 0.16 lakh was provided in the revised Plan for 1956-61 for the establishment of a musical instruments making centre at Bobbili. As programmed the centre was established during 1958-59. An amount of Rs. 0.16 lakh was spent on this scheme during 1956-61 and every year Veenas worth Rs. 6,000 are manufactured at this centre.

Scheme for the Development of Seamless Quilt Industry at Kuppam:

The scheme was started during 1958-59. There are 46 artisans working under the Scheme. A sum of Rs. 0.11 lakh was spent during the Second Plan period. The Managerial assistance provided under the scheme has helped the society to substantially increase its transactions during the last two years and to popularise its products in other countries also.

Scheme for Starting of Artistic Wooden-ware Industry at Udayagiri.

Udayagiri is famous for specialised hand carving and fret designing on wood. It was considered desirable to improve this craft by providing necessary financial and technical assistance to the Co-operative Society. During the Second Plan period an expenditure of Rs. 0.18 lakh was incurred on this and articles worth Rs. 0.22 lakh were sold,

Scheme for Copying of Temple Designs on Handicrafts:

The Scheme envisages the copying on handicraft articles the designs obtaining in the temples which are monuments of great skill and workmanship. During the Second Plan period a sum of Rs. 0.02 lakh was spent under the Scheme.

Scheme for Development of Handmade Crochet lace Industry at Narsapur West Godavari District:

The Crochet lace Industry of Narsapur is world famous and every year handmade crochet laces worth Rs. 15 lakhs are being exported to Europe, Australia and U.S.A. Nearly 3000 workers, mostly ladies, are engaged in this cottage Industry at Narsapur and the surrounding villages. In order to further develop this industry, Government have sanctioned a scheme which has been put into operation in the second half of the year 1960-61 and a sum of Rs. 0.03 lakh was spent.

A number of new designs have been made available to the lace workers under the scheme.

Scheme for Starting of the Class II Procurement-cum-Sales Depot at Anantapur.

The Emporium was established during 1959-60. During the Second Plan period an expenditure of Rs. 0.71 lakh was incurred and Rs. 0.59 lakh worth of goods were sold.

Scheme for Common Facility Centre for Carpet Industry at Eluru:

The Scheme envisages provision of a building with model looms and tools for the Carpet Weavers of Eluru. The construction of the building and the purchase of equipment have been effected during the year 1960-61 at a cost of Rs. 0.20 lakh. 48 artisans are benefited during the Plan.

Scheme for Musical Instrument Industry at Pithapuram:

Pithapuram is a place traditionally noted for making Veenas and similar musical instruments. A centre for the development of this Industry was started at Pithapuram on co-operative lines during the year 1959-60. The scheme envisages assisting the Co-operative Society, financially through grants and loans and also

giving assistance for training 6 artisans in the craft. During the Second Plan Period an expenditure of Rs. 0.07 lakh was incurred under the Scheme.

Scheme for Common Facility Centre in Kalamkari Industry at Masulipatnam.

The Scheme envisages the provision of a work shed with common amenities like dyeing and ideal conditions of work for the Kalamkari printers of Balayalagudem where this ancient craft is in existence. During the period the construction of the building has been completed and an expenditure of Rs. 0.10 lakh was incurred and 21 artisans who will make use of this shed with dyeing and other facilities attached to it, are benefitted under this scheme.

Scheme for providing Show cases for Handicrafts products at Visakhapatnam, Vijayawada, Tirupathi, Anantapur and Warangal Railway Stations:

Under this scheme show cases with lighting facilities containing representative samples of the State Handicrafts are installed at the above Railway Stations where the departmental Emporia for the procurement and sales of handicrafts and Village and Cottage Industries are situated. Under this scheme an expenditure of Rs. 0.06 lakh was incurred during the Second Plan period.

Scheme for Common Production Facility Centre for Bamboo Industry at Araku:

Under this scheme, a Common Facility Centre for bamboo workers has been constructed at Araku and the work was completed during the year 1960-61. An expenditure of Rs. 0.10 lakh was incurred under this scheme during the Second Plan period.

Scheme for Musical Instruments Making at Jaggayyapet:

With a view to developing the musical instruments making Industry at Jaggayyapet, a Co-operative Society was formed during plan period. Financial assistance by way of loans and grants were given to the society and also provision is made for training annually 6 trainees in the craft. An expenditure of Rs. 0.12 lakh was incurred under this scheme during the Second Five-Year Plan period.

Scheme for starting of one class II Procurement-cum-Sales Depot at Rajahmundry:

This scheme has been sanctioned during the year 1960-61 and the emporium was opened in December, 1960. An expenditure of Rs. 0.11 lakh was incurred on the scheme.

Scheme for the development of Metalware Industry:

In order to revive the traditional artistic metalware Industry in and around Tirupathi and Kalahasti, Government have sanctioned a scheme for developing this industry on Co-operative lines making necessary provisions for giving grants and loans. A Co-operative Society has been organised at Perumallapalli village near Tirupathi and during the Second Five-Year Plan period an expenditure of Rs. 0.07 lakh was incurred on the scheme. The Society has just entered on its production activity.

Scheme for opening of show cases at Pilgrimage Centres:

The scheme envisages the erection of show cases for handicraft products at Simhachalam, Bhadrachalam, Yadagirigutta, Srisailam and Tirupathi temples in order to popularise the several handicrafts of the State. An expenditure of Rs. 0.08 lakh was incurred on the Scheme during the Second Plan period.

Scheme for issue of Publicity Material, Brochures Folders etc., on Handicrafts of Andhra Pradesh:

The Scheme envisages providing necessary publicity for the handicrafts of the State by printing brochures, folders etc., and under the scheme a sum of Rs. 0.10 lakh was sanctioned in the Second Five-Year Plan. A brochure on the handicrafts of Andhra Pradesh is under compilation. An expenditure of Rs. 0.03 lakh was incurred during the Second Plan period.

SERICULTURE

Establishment of a Grainage at Hindupur.

With a view to augmenting silk worm seed production in the State by providing facilities for the supply of disease free silk worm seeds to the ryots having mulberry

plantations, a grainage was established at Hindupur during 1956-57. During the Second Five-Year Plan period a sum of Rs. 0.50 lakh was spent on this scheme and 1.63 lakhs disease free layings were produced.

Establishment of a Basic Seed Farm at Hindupur.

A mulberry basic seed farm was established during 1956-1957 over an area of 5 acres at Hindupur to produce local basic seed and seed cocoons required for cross breeding work. It was proposed in the Second Five-Year Plan, to produce 4 lakhs of Seed Cocoons at a cost of Rs. 0.59 lakh and the entire provision was spent to produce 5.13 lakh seed cocoons.

Providing facilities to the existing Government Silk Farm at Palamaner.

Under this scheme, one rearing house and a well were constructed and a two acre mulberry garden was established to intensify the rearing of foreign races under improved conditions for purposes of cross breeding. During the Second Five-Year Plan period a sum of Rs. 0.37 lakh was spent on this Scheme and 3.76 lakh of foreign race seed cocoons were produced.

Establishment of reeling units at Hindupur and Palamaner.

This scheme envisages the provision of marketing facilities to the sericulturists of Anantapur and Chittoor district. For this purpose 2 reeling units were established at Hindupur and Palamaner to purchase the cocoons produced by the Sericulturists by on the spot payment and to reel the silk departmentally. In the Second Five-Year Plan a sum of Rs. 0.53 lakh was provided for the continuance of these two centres, but an expenditure of Rs. 0.60 lakh was incurred.

Establishment of a graft nursery at Hindupur:

In the Second Five-Year Plan a sum of Rs. 0.77 lakh was provided for the production of 0.75 lakh mulberry grafts at the Grafts Nursery, Hindupur. Out of this an expenditure of Rs. 0.74 lakh was incurred and 1.40 lakh mulberry grafts were produced.

Establishment of an experimental Eri-Seed farm at Peapalli.

Towards the development of Eri-Silk Industry on an experimental basis, one seed farm was established at Peapalli. During the Second Five-Year Plan period an expenditure of Rs. 0.80 lakh was incurred on this scheme and 3196 eri-cocoons were produced.

Introduction of Sericulture as basic craft in two schools.

During the year 1957-58, sericulture was introduced as a basic craft in the basic school at Sevamandir near Hindupur and the Higher Elementary School in Chintaparthi of Chittoor district where practical instructions on mulberry cultivation and silk worm rearing are given to the school boys by practical methods. During the Second Five-Year Plan period a sum of Rs. 0.07 lakh was spent on this scheme.

Provision of Technical Assistance to Sericulturists in Hindupur and Madakasira taluks of Anantapur District.

The scheme was intended to afford necessary technical assistance and training facilities to the sericulturists of Hindupur area. During the Second Five-Year Plan period 462 acres of land was brought under mulberry cultivation, and an expenditure of Rs. 0.21 lakh was incurred.

Establishment of a Propaganda Station for the expansion of Mulberry cultivation and production of Cocoons in Chittoor district :

This scheme is intended to afford technical assistance to the ryots of Palamaner, Punganoor and Vayalpad in Chittoor district for mulberry cultivation. 462 acres of land was brought under cultivation during the Second Plan period as against 500 acres proposed under the Plan and an expenditure of Rs. 0.06 lakh was incurred on this scheme.

Establishment of a Chowki rearing unit at Punganoor :

In the Second Five-Year Plan a sum of Rs. 0.14 lakh was provided for rearing and distributing 35,000 laying

at Chawki Rearing Unit at Punganoor. The entire provision was utilised and 29,275 layings were reared and distributed during the Plan period.

Provision of reeling and irrigation facilities to the Farm at Chintalapudi :

With a view to providing reeling and irrigation facilities to the Silk Farm at Chintalapudi in West Godavari district a pump set with a motor and a reeling unit were provided in this Farm during 1958-59. A sum of Rs. 0.17 lakh was spent on this scheme during the Plan period and an additional area of 110 acres was brought under cultivation.

Establishment of basic foreign race seed farm at Chintapalli :

A foreign race seed farm was established during 1958-59 at Chintapalli. This farm is intended to rear univoltine races of silk worms and to produce basic seed cocoons both for the preparation of silk worm seeds and for the maintenance of races in the station and for multiplication purposes in other farms. During the Second Five-Year Plan period a sum of Rs. 0.91 lakh was spent on this scheme and 2.80 lakh foreign race seed cocoons were produced.

Establishment of Demonstration Silk Farm at Araku Valley :

The scheme is intended for the maintenance of a demonstration Silk Farm at Araku Valley which has got vast potentialities for the development of silk industry. During the Plan Period, one rearing house and one reeling shed were constructed and a sum of Rs. 0.88 lakh was spent against the revised plan provision of Rs. 0.81 lakh.

Establishment of Central Tassar Seed Station at Venkatapuram :

Under this scheme, a Central Tassar Seed Farm was established at Venkatapuram to produce tassars seed cocoons and sell them to the rearers at subsidised rates and to start a reeling demonstration unit. During the Second Plan period a sum of Rs. 0.83 lakh was spent on this scheme and 4.85 lakhs of tassars seed cocoons were supplied.

Establishment of Mulberry Nursery for supply of Sapplings at Palamaner :

The scheme is intended to provide enough seed cuttings to the sericulturists for extension works. A sum of Rs. 0.07 lakh was allotted in the Second Plan for the supply of 20 lakhs of sapplings. Against this, a sum of Rs. 0.08 lakh was spent for supplying 7 lakhs of sapplings.

Scheme for providing irrigation facilities and incubator to Government Silk Farm in Chintapalli for production of foreign race cocoons for basic purposes :

Under this scheme, it was proposed to construct a well and purchase an incubator to Government Silk Farm, Chintapalli. A sum of Rs. 0.16 lakh was provided in the Second Plan for this scheme and the entire provision was spent. The construction of the well was completed.

Sericulture :

Scheme for publicity and propaganda :

A sum of Rs. 0.01 lakh was provided for this purpose and the entire provision was spent during the Second Five-Year Plan period. Brochures in Telugu and English were distributed among the persons interested in sericulture. Film shows were arranged at various places for the benefit of Sericulturists.

Scheme for providing irrigation facilities to Government Silk Farm at Araku Valley.

With a view to providing irrigation facilities to Government Silk Farm at Araku Valley, it was proposed to construct a well. An expenditure of Rs. 0.02 lakh was incurred and the construction of the well was completed.

COIR INDUSTRY

ANDHRA AREA.

Coir-production-cum-Training Centre at Tallarevu in East Godavari District.

The above scheme was started in the year 1957-58 36 candidates were trained during the Second Five-Year Plan period at a stipend of Rs. 20 per month. A sum of

Rs. 0.61 lakh was provided in the Second Plan for this scheme but an expenditure of Rs. 0.72 lakh was incurred.

Coir Production-cum-Training Centre at Antarvedi in East Godavari district.

This centre was started in the year 1958-59. 36 candidates were trained during the Second Five-Year Plan period. An expenditure of Rs. 0.61 lakh was incurred under this scheme and goods worth Rs. 0.10 lakh were produced during the Second Plan period.

Coir Production-cum-Training Centre at Komaragiri-patnam in East Godavari District.

The scheme was started in the year 1958-59 and 86 candidates were trained during the Second Five-Year Plan period. An expenditure of Rs. 0.63 lakh was incurred on this scheme against the plan provision of Rs. 0.64 lakh and goods worth Rs. 0.12 lakh were produced.

Coir Production-cum-Training Centre at Mogalthur in West Godavari district.

A production-cum-Training Centre at Mogalthur in West Godavari district was established to train 12 candidates per year in the improved methods of manufacture of coir products for coconut fibre. 48 candidates have been trained during the Second Five-Year Plan period and a sum of Rs. 0.44 lakh was spent on this scheme and goods worth Rs. 0.08 lakh were produced.

Scheme for the establishment of a production wing in Government Coir School, Baruva.

A production wing was started in Government Coir Industrial School at Baruva in Srikakulam District to manufacture coir products on commercial lines. Goods worth Rs. 0.45 lakh were produced during the Second Plan period and an expenditure of Rs. 0.58 lakh was incurred out of the provision of Rs. 0.67 lakh made for the scheme.

Scheme for the manufacture of Coir Bristle and Fibre at Amalapuram in East Godavari district.

A Centre for the manufacture of bristle and mattress fibre has been established at Amalapuram during the

plan period. Construction of building is in progress. Required machinery has been purchased. During the Second plan period a sum of Rs. 0.55 lakh was spent against the provision of Rs. 0.57 lakh.

Scheme for the manufacture of Coir Bristle and Fibre at Baruva in Srikakulam District.

A Centre for the manufacture of bristle and mattress fibre has been established during the plan period at Baruva in Srikakulam district. Construction of building is in progress. Part of machinery has been received. The Centre will go into production during the year 1961-62. A sum of Rs. 0.12 lakh was utilised out of the amount of Rs. 0.50 lakh provided in the Second Plan.

INDUSTRIAL CO-OPERATIVES.

ANDHRA PRADESH.

This scheme was intended to ensure that Village Industries consolidate their position, improve their technique and thereby increase production and employment opportunities. For this purpose certain schemes like opening of centres for development of hand pounding of rice industry through co-operatives, development of Village leather industry through Leather Work Co-operative Societies, grants towards cost of establishment and equipment and tools and reserve fund, loans towards strengthening the share capital and working capital of societies have been sanctioned. A sum of Rs. 7.02 lakhs was spent on the schemes for the development of Industrial Co-operatives during the Second Plan period.

HANDLOOMS

ANDHRA

Share Capital Loan to the Primary weavers Co-operative Societies.

This scheme provides for advancing loans to weavers to enable them to take shares in the Weavers Co-operative Societies and become members. It also provides for strengthening the share capital position of the existing members of the Weavers Co-operative Societies.

During the Second Five-Year Plan period 25,878 members were admitted into the Co-operative fold by advancing share capital loans to the extent of Rs. 18.50 lakhs and the share capital position of 3,140 members was strengthened.

Expansion of Marketing Organisation of Apex Societies.

The scheme aims at strengthening the marketing organisation of the Apex Societies by establishment of selling units, within and outside the State and by arranging intensive publicity and propaganda for Handloom Fabrics.

During the Second Five-Year Plan period 90 Internal Depots, 5 Inter-State Depots, 7 Central Depots and 5 City Emporia have been opened at a cost of Rs. 8.68 lakhs. In the year 1960-61 21 Internal Depots, 5 Inter-State Depots, 7 Central Depots and 5 City Emporia have been opened at a cost of Rs. 8.68 lakhs .

Improvement of techniques and organisational expenses.

The need to increase the technical efficiency of the Handloom Industry to enable it to produce fine varieties of cloth with better and popular designs to cater to the changing tastes of the public and thus withstand the competition of the Mill industry has been obvious. With a view to achieve this objective, during the Second Five-Year Plan period, the following improved appliances have been distributed to the Primary Weavers Co-operative Societies through the Apex institution in the Andhra Region.

Standard reeds	..	4,950
Steel .. .. .	..	4,761
Healds .. .. .	..	5,140
Devices to regulate picks	..	1,715
Warping machines ..	..	291
Frame Looms .. ..	..	200
Dobbies .. .. .	..	822
Press machines ..	..	117
Cloth roller temples	..	225

Varnished Healds	..	1,872
Slays ..	..	3,128
Wire Healds	..	400
Take up motion attachments	..	90
Pedal looms	..	160

Besides the above one calendering plant, five pattern making factories, 24 small dye units were opened and 23 technical assistants were appointed to enforce quality control. An expenditure of Rs. 27.26 lakhs was incurred on this scheme during the Second Plan period.

Establishment of Dye Factories.

Under this scheme it was proposed to establish 4 dye factories at a cost of Rs. 1.02 lakhs. During the plan period the Andhra Handloom Weavers Co-operative Society established its Modern Dye Unit at Mangalagiri and the Yemmiganur and Eluru Weavers Co-operative Societies have established two modern Dye units under Cess Fund Schemes and the entire provision of Rs. 1.02 lakhs was spent.

Rebate on sale of Handloom cloth.

To encourage sales of Handloom cloth and thus stimulate production, rebate was allowed on the Handloom cloth by the selling units of Apex Societies and Primary Weavers Co-operative Societies. The present rate of rebate is 5 nP. per rupee on retail sales and 3 nP. per rupee on wholesale sales. The entire revised provision of Rs. 153.98 lakhs was spent on this scheme during the Second Plan period.

Cumbly Industry.

It is estimated that in Andhrā Pradesh there are about 40,000 Woolen Handlooms of which 18,198 have already been brought within the ambit of 86 wool weavers societies. It is considered necessary to revive and reinstate the industry and promote it on co-operative lines.

During the Second Five Year Plan period 1,728 Woolen Handlooms have been brought into the Co-operative fold in Andhra area. Internal sales depots, Interstate depots, and Central depots were opened besides the

supply of fly shuttle looms, healds and reeds, warping machines and wool carding machines. A sum of Rs. 3.78 lakhs was spent on this scheme during the Second Plan period.

Silk Industry.

During the Second Five-Year Plan period 354 looms have been brought into the Co-operative fold by advancing share capital and working capital loans. 150 standard reeds were also supplied in the year 1960-61. A sum of Rs. 1.16 lakhs was spent in the Second Plan period.

Housing Colonies for Weavers.

The object of the scheme is to improve the housing conditions of the weavers to enable them to carry on the industry under healthy and congenial atmosphere. During the Second Five Year Plan period 803 houses were taken up for construction and are under various stages of progress and an expenditure of Rs. 17.39 lakhs was incurred on this Scheme.

Co-operative Spinning Mills.

An expenditure of Rs. 15.57 lakhs was incurred on this scheme towards the State's participation in the share capital of the Chirala and Guntakal Co-operative Spinning Mills. The State's participation of the Guntakal factory was intended to meet the cost of the expansion programme. The Uravakonda Co-operative Spinning Mills was also registered but has not taken concrete shape. The Chirala Mill is expected to go into production in 1962.

State participation in share capital of Apex Societies.

A sum of Rs. 5.60 lakhs was spent during the Second Five-Year Plan period towards the cost of State's Participation in the Share Capital of the Apex Society while an expenditure of Rs. 2.60 lakhs was incurred during 1960-61.

Loans to Apex Societies.

Under this scheme a sum of Rs. 22.47 lakhs was disbursed to the Andhra Handloom Weavers Co-operative Society during the year 1957-58.

Collection of Statistics

Under this scheme it was proposed to collect Statistics relating to production, sales and unsold stocks of handloom cloth every year to watch and assess the performance of the Handloom Industry with reference to the targets. A sum of Rs. 0.51 lakh was spent during the Second Plan period.

Construction of Sheds.

A sum of Rs. 1.00 lakh was spent in the Andhra Region during the year 1960-61 for construction of one shed by the A.H.W.C. Society to instal looms and produce handloom cloth of experimental variety.

Subsidy towards intrest on Reserve Bank of India Finance.

A sum of Rs. 0.85 lakh was disbursed towards interest subsidy during the Second Five Year Plan period.

TELENGANA AREA.**(SMALL SCALE INDUSTIES)***Scheme for imparting Training in Power Driven Machines at Musheerabad.*

The scheme is being implemented in the Village Industries Training Centre at Musheerabad, Hyderabad. Training is being imparted in trades like Engineering, Electroplating, Cloth cutting and Carpentry etc. 213 trainees completed training during the Second Five-Year Plan period. The centre is functioning in permanent building. A sum of Rs. 3.52 lakhs was provided for the scheme in the Second Plan out of which a sum of Rs. 3.25 lakhs was utilised upto the end of March 1961 and articles worth Rs. 0.42 lakh were produced in this centre.

Scheme for the establishment of a Model Tannery at Warangal :

This scheme is intended to impart training to 10 candidates a year in the use of improved tools in tanning and in the manufacture of quality leather. After training, the candidates will be able to find employment in

the private tanneries where there is dearth of such trained personnel. The scheme was implemented in 1956-57 in a rented private tannery at Warangal but no candidates have been so far trained. As per the recommendations of the High Power Committee constituted for the development of Tanning Industry in the State, the Model Tannery Scheme has been revised and proposals have been submitted to Government for sanction. A sum of Rs. 1.17 lakhs was spent on this scheme during the Second Plan period.

Scheme for the establishment of Utility Leather Goods Centre at Hyderabad.

There is an enormous demand for leather goods in the twin cities of Hyderabad and Secunderabad and a scheme has therefore been sanctioned for the manufacture of quality utility leather goods. The scheme has been sanctioned in 1955 and has been functioning since February, 1957 in the premises of Village Industries Training Centre at Musheerabad, Hyderabad, and recently shifted to a rented building. Production of Leather goods was undertaken on improved methods by the local artisans in the Centre. A sum of Rs. 3.80 lakhs was provided in the Second Five-Year Plan for this scheme against which an expenditure of Rs. 3.81 lakhs was incurred and goods worth Rs. 2.31 lakhs were produced.

Scheme for the establishment of Saw Mill-cum-Timber Seasoning Plant at Warangal.

A Saw Mill-cum-Timber Seasoning Plant at Warangal has been established to season the timber used in the manufacture of furniture and cabinet making and also to provide training facilities to 6 candidates. A permanent building has been constructed in the Industrial Estate, Warangal to locate the plant and machinery of the Unit. During the Second Plan period a sum of Rs. 3.64 lakhs was utilised out of the Plan provision of Rs. 4.10 lakhs and goods worth Rs. 0.62 lakh were produced. 12 candidates were trained and 6 candidates are undergoing training with monthly stipend of Rs. 30/- p.m.

Scheme for the establishment of two Model Carpentry Workshops at Warangal and Mahboobabad.

There is not a single wood working shop worth mentioning in the Warangal District. A scheme was therefore

sanctioned to establish two model centres in Carpentry at Warangal and Mahaboobabad. The centres have been established in permanent buildings. The centre has trained 32 artisans during the Second Five-Year Plan period and an expenditure of Rs. 4.15 lakhs was incurred and goods worth Rs. 2.11 lakhs were produced.

Scheme for the establishment of Two Model Blacksmithy Workshops at Warangal and Khammam.

This scheme was also formulated with a view to serve as model centres. The centres are functioning in permanent buildings and have so far trained 32 artisans. The trainees are paid a stipend of Rs. 30 p. m. each. A provision of Rs. 4.27 lakhs was made in the Second Plan for this scheme out of which an expenditure of Rs. 3.62 lakhs was incurred and goods worth Rs. 1.48 lakhs have been produced.

Scheme for the development of Cutlery Industry at Podur.

The scheme was sanctioned during 1955 with the object of collecting the existing workers engaged in cutlery industry under one shed at Podur in Karimnagar District and to acquaint them with modern processes and in the use of improved tools. The Scheme also provides for giving training in electroplating. The Centre is functioning in permanent buildings. The total Second Plan expenditure on the scheme amounted to Rs. 1.21 lakhs against the provision of Rs. 1.33 lakhs. Articles worth Rs. 0.33 lakh were produced during the period.

Twenty Co-operative Work Centres in the twin cities of Hyderabad and Secunderabad.

With a view to solving the unemployment problem and to stimulate production of articles which have a ready market, 20 co-operative work centres were started. Of these, 19 Centres are located in the twin cities of Hyderabad and Secunderabad and one centre at Alir in Nalgonda district. Goods worth Rs. 6 lakhs were produced during the Second Five-Year plan period. A sum of Rs. 2.55 lakhs was provided in the Second plan for this scheme out of which an amount of Rs. 2.45 lakhs was utilised towards managers' salaries.

Ten Co-operative Work Centres :

Ten Co-operative Work Centres in the Districts mentioned below were organised to solve unemployment problem and to stimulate production of articles by providing common facilities.

<i>District.</i>	<i>No. of centres.</i>
Hyderabad.	3
Warangal	3
Nizamabad	1
Karimnagar.	2
Nalgonda.	1

A sum of Rs. 2.29 lakhs was provided in the Second Plan for this scheme out of which an amount of Rs. 2.18 lakhs was utilised.

Brassware Industry at Siddipet.

The brassware industry unit at Siddipet was organised into a Co-operative Society for training them in the use of improved tools and implements and for providing common facility service. More than 75 workers have been benefited by this scheme. A sum of Rs. 0.06 lakh was provided in the Second Plan for this scheme for meeting manager's salary and it was fully utilised.

Establishment of Mobile Blacksmithy Demonstration Unit.

The object of the scheme is to demonstrate by means of a mobile van the use of modern machinery and improved tools to the village artisans engaged in blacksmithy to improve their production technique. The van has covered Karimnagar, Warangal, Medak Districts and now conducting demonstrations at Nizamabad District. Besides, the van participated in All India Industrial Exhibition at Hyderabad. A provision of Rs. 1.09 lakhs was made for this scheme out of which a sum of Rs. 1.03 lakhs was spent during the period.

Scheme for the manufacture of Small gauze Insulated Copper Wires at Hyderabad.

Under this scheme it was proposed to set up a unit for the manufacture of small gauze insulated copper wire so that the product will serve as a guaranteed source of supply to the fractional H.P. Motors and the Radio spare parts and receiver manufacturing units set up at Hyderabad under Second Plan Scheme. The building construction has been completed. Part of the machinery was received and is being installed. The centre will go into production as soon as the imported items of machinery are received. A sum of Rs. 5.67 lakhs has been utilised out of the revised Plan provision of Rs. 7.00 lakhs during the Second Plan.

Scheme for the manufacture of Radio Spare Parts and Receivers at Hyderabad.

There is not a single manufacturing unit of radio spare parts and receivers in Andhra Pradesh though the demand for the same is great and is increasing day by day. A scheme has, therefore, been formulated and sanctioned for the manufacture of radio spare parts and receivers. The unit is established at Industrial Estate, Sanathnagar. Much of the machinery required for the unit has been received. A few of the imported items of machinery are expected shortly and the unit will go into production in 1961-62. A sum of Rs. 4.07 lakhs was provided in the Second Plan for this Scheme out of which an expenditure of Rs. 3.44 lakhs was incurred.

Scheme for the manufacture of Fractional H. P. Motors at Hyderabad.

Fractional H. P. Motors are in great demand in the State and Country, being used for scientific instruments, sewing machines and other small machines. As there is not a single manufacturing unit in the State, a scheme for the manufacture of these motors has been drawn up and sanctioned. The construction of building for the establishment of this unit is completed. Part of the machinery has been received and is being installed. A revised provision of Rs. 5.18 lakhs was made in the Second Plan for this scheme out of which a sum of Rs. 4.33 lakhs was spent.

Scheme for the establishment of Furniture Mill, Saw Mill-cum-Seasoning-cum-Mechanised Wood Workshop at Hyderabad.

The scheme envisages the seasoning wood and quality furniture keeping pace with modern tastes. The scheme has been designed in consultation with the foreign wood consultant of Small Scale Industries Board at Delhi.

The construction of buildings has been completed. Erection of kiln and machinery is being done under the supervision of Sri W. Lander, Tinger Wood Consultant to Government of India. A sum of Rs. 4.99 lakhs was provided in the Second Plan for this scheme and an expenditure of Rs. 4.51 lakhs was incurred.

Scheme for the establishment of a Ceramic Service Centre at Hyderabad.

This scheme envisages the establishment of a ceramic service centre for producing cast ceramicware and dust pressed porcelain insulators. Most of the machinery has been received and construction of Kilns and building is nearing completion. The centre is expected to go in o production, in 1961-62. A sum of Rs. 2.40 lakhs was provided in the Second Plan for this scheme against which an expenditure of Rs. 1.81 lakhs was incurred.

Scheme for the establishment of Raw Material Servicing Centre at Hyderabad.

The unit will serve the needs of small industrialists in Hyderabad and in particular the needs of tenant-industrialists at the Industrial Estate, Sanathnagar. The unit will procure stock and supply essential raw material like iron and steel to all small industrialists. Out of the Second Plan provision of Rs. 3.12 lakhs an expenditure of Rs. 1.48 lakhs was incurred on this scheme.

Scheme for the manufacture of Plastic Wood at Hyderabad.

The scheme is proposed as an ancillary unit to the turniture mill, to make full utilisation of saw dust and to manufacture boards out of the same. The construction of the buildings have been completed and the unit will go into production in 1961-62. A sum of Rs. 0.21 lakh was provided in the Second Plan for this scheme but an expenditure of Rs. 0.30 lakh was incurred.

Scheme for the manufacture of laboratoryware and Artware at Hyderabad.

In view of the increasing demand for laboratory porcelainware and artware, it is proposed to establish a factory for the manufacture of the same at Hyderabad. The scheme is proposed to be run on commercial lines. Construction of building and kilns is nearing completion. Orders were placed for the machinery except kiln which is under scrutiny. The centre will go into production soon after the equipment is received. An expenditure of Rs. 0.45 lakh was incurred out of the Second Plan provision of Rs. 1.46 lakhs.

Scheme for the extraction of Katha from Sundra Wood at Mulug Area in Warangal District.

The scheme is intended for the establishment of small unit at Mulug for the extraction of Katha from Sundra wood which is available in abundance in the Mulug Project area in Warangal District. There is a large demand for the same from Orissa and Bihar. Construction of building has been completed and the unit will go into production in 1961-62. An amount of Rs. 0.43 lakh was provided in the Second Plan for this scheme against which an expenditure of Rs. 0.30 lakh was incurred.

Scheme for the manufacture of Scientific Glass Ampules at Hyderabad.

This is a new scheme sanctioned during 1960-61. The main object of the scheme is the manufacture of scientific glass apparatus and glass ampules at Hyderabad. The construction of buildings is in progress. Orders are being placed for the supply of machinery. The unit will go into production soon after an Officer is appointed to this unit. An expenditure of Rs. 0.41 lakh was incurred on this Scheme out of the Second Plan provision of Rs. 1.00 lakh.

Scheme for the establishment of Raw Material Servicing Centre at Warangal.

The unit will serve the needs of small industrialists in Warangal and in particular the needs of tenant industrialists on Industrial Estate Warangal. The unit will procure

stock and supply essential raw material like iron and steel to all small industrialists. A sum of Rs. 0.83 lakh was utilised upto end of the Second Plan against the provision of Rs. 3.42 lakhs.

Scheme for the short term training in Automobile Servicing, Radio Servicing Establishment of a Work shop for the manufacture of Machine Tools and components for Automobile and Radio Servicing Units.

The scheme aims at giving short term training in Automobile and Radio Servicing with a view to provide an outlet to young educated persons and educated unemployed. The scheme also aims towards the establishment of a workshop for the required machine tools and components for the two schemes. A part of the machinery worth Rs. 0.63 lakh has been purchased out of the amount of Rs. 1.00 lakh sanctioned by the Government during the Second Five-Year Plan.

Industrial Estate, Warangal.

The scheme was sanctioned in November, 1958, at a cost of Rs. 10.79 lakhs. The work on providing amenities such as formation of road drains, water supply system etc., was completed during 1960-61. During Second Five-Year Plan period 22 factory buildings were constructed in this Estate at a cost of Rs. 10.13 lakhs.

Industries like manufacturing Centrifugal pumps; metric weights, builders hardware items, caffeine from tea waste, conduit pipes, barbed wire, wire nails, automobile leaf springs etc., have been started on the Estate. An amount of Rs. 7.08 lakhs has been invested by the Industrialists and 100 workers employed.

Industrial Estate, Chandulal Baradari (Hyderabad)

This scheme was sanctioned in November, 1960 at an estimated cost of Rs. 13.92 lakhs. About 30 acres of land belonging to City Improvement Board was taken possession for locating the Estate. The construction work on 18 factory buildings is in progress. During the Second Plan period a sum of Rs. 3.59 lakhs was spent against the provision of Rs. 3.00 lakhs.

Industrial Estate, Sanathnagar, Hyderabad.

The scheme was sanctioned in May, 1957 and a provision of Rs. 64.09 lakhs (revised) was made in the Second Plan and 57 factory buildings were constructed at a cost of Rs. 56.73 lakhs.

Razor Blades, Electrical Motors, Tool Grinders, Refrigerators, Conduit Pipes, Tin Containers, Steel Furniture, Lathes, Cycles and Cycle Parts, Radios, Polythene Foams, Surgical Instruments, Survey and Drawing Instruments etc. are being manufactured on the Estate. The investment made by the entrepreneurs is Rs. 70.19 lakhs and 782 people are working in different factories on the Estate.

The Government have recently sanctioned further expansion of the Estate at a cost of Rs. 15.00 lakhs and eighteen more buildings are under construction under this programme.

HANDICRAFTS.*Carpets and Drugget Industry at Warangal :*

Under this scheme an expenditure of Rs. 0.31 lakh was incurred and 10,300 carpets and druggets were sold during the Second Plan period. The assistance offered under the scheme is to enable the Warangal Cottage and Small Scale Industries Co-operative Society to meet the cost of a technical assistant and towards contingencies.

Mat Weaving Industry at Mahabubnagar :

Under this scheme an expenditure of Rs. 0.21 lakh was incurred and 19,005 mats have been sold during the Second Plan period. The Society has been training new workers every year, and sending them as Mat Instructors to several Centres.

Silver Filigree Industry at Karimnagar :

Under this scheme, an expenditure of Rs. 0.39 lakh was incurred and Silver Filigree articles worth Rs. 0.65 lakh have been sold during the Second Plan period. The Scheme is intended to aid the revival and development of this unique craft.

Ivory and Horn Industry at Secunderabad :

Under the Scheme 32 artisans have been given training and an expenditure of Rs. 0.58 lakh was incurred during the Second Five-Year Plan period. This is intended to provide an adequate number of artisans trained in up-to-date methods of producing ivory, shell and horn articles.

Expansion of Cottage Industries Sales Depot, Hyderabad :

Under this Scheme, an expenditure of Rs. 3.08 lakhs was incurred and goods worth Rs. 25.54 lakhs has been sold during the Second Plan period. The emporia participated successfully in the Bhavanagar Congress Exhibition, All India Industrial Exhibition, Hyderabad and the Tagore Centenary Exhibition, Calcutta, besides several other small exhibitions. The handicraft products exhibited in the exhibition received wide appreciation by persons who visited the stalls.

Staff for Handicrafts :

Under this scheme, staff in the Handicrafts and Marketing section in the Directorate was appointed and an expenditure of Rs. 1.13 lakhs was incurred during the Second Five-Year Plan period which also includes the amount spent on celebration of the 6th All India Handicrafts Week at Hyderabad and at several other craft centres scattered throughout the State.

Development of Beads work at Jangaon :

A sum of Rs. 0.30 lakh was spent on this scheme and 221 workers were benefited during the Second Five-Year Plan period. A large number of new designs have been introduced and popularised with the help of the All India Handicrafts Board.

Development of Himroo Weaving Industry at Hyderabad.

Under this scheme, an expenditure of Rs. 0.55 lakh was incurred during the Second Plan period. The two Himroo Co-operative Societies effected sales to the tune of Rs. 0.83 lakh during the year 1960-61. During the Plan period 207 workers were benefited under this scheme.

Development of Bidri work at Hyderabad :

Under the scheme, an expenditure of Rs. 0.59 lakh was incurred during the Second Plan period. The two Bidri Societies have sold Rs. 0.60 lakh worth of goods during the year 1960-61. The production in the societies has registered a significant increase. During the Plan Period 60 workers were benefited under this scheme.

Survey of Handicrafts :

In order to collect statistics regarding the handicrafts in the State as a step in aid of providing a sound base for drawing up programmes for the future development of handicrafts, special staff was appointed for survey of the several crafts in their technical and economic aspects during 1958-59. Against the sum of Rs. 0.26 lakh provided, an expenditure of Rs. 0.17 lakh was incurred during the Second Plan period. Survey of Ivory and Horn, Block Printing, Pottery, Kamdani and Zardozi crafts has been conducted.

Class II—Procurement-cum-Sales Depot at Warangal.

The emporium was started in the year 1958-59. During the Second Plan period an expenditure of Rs. 1.31 lakhs was incurred and Rs. 1.17 lakhs worth handicrafts were sold.

Common Production Facility Centre for Nirmal Toy Industry at Nirmal :

Under the Scheme, an expenditure of Rs. 0.11 lakh was incurred during the Second Five-Year Plan period. The Nirmal Arts and Toys Society for the benefit of which the Common Facility Centre was started, and during the Plan period 51 workers are benefited.

Scheme for Mobile Publicity Van with Staff :

In order to popularise the handicraft products in the nooks and corners of the State, Government have sanctioned the purchase of a Mobile Publicity Van in 1960-61 and also the appointment of the necessary staff for this purpose. Under the scheme, an expenditure of Rs. 0.22 lakh was incurred during the Second Five-Year Plan period. The Van has been used for serving the twin objects of publicity and procurement. A substantial amount was realised by way of Mobile van sales during the second half of 1960-61.

Quality Marketing :

The Scheme envisages the introduction of quality control in respect of the handicraft products in the State. The Government emporia of the State and Centre purchase only the handicrafts which bear the quality mark. This scheme was introduced in Himroo, Bidri, Nirmal, Ivory and Horn and Crochet lace crafts. During the Second Five-Year Plan period an expenditure of Rs. 0.10 lakh was incurred on this scheme.

Development of Nirmal Industry at Khairathabad :

Under the scheme 19 trainees have been given training in the different processes of manufacture of Nirmal ware and arrangements have been made for effecting sales of the State's handicrafts through the emporia at Bombay and New Delhi of the Hyderabad Handloom Weavers Central Co-operative Association. An expenditure of Rs. 0.30 lakh was incurred on this scheme during the Second Five-Year Plan period.

Common Facility Centre for Ivory and Horn articles at Secunderabad :

Under this scheme a building has been constructed at Secunderabad and necessary equipment also provided. The expenditure under the scheme during the Second Five-Year Plan period was Rs. 0.19 lakh and 40 workers were benefited.

Development of Block Printing Industry at Warangal :

A scheme to improve the Block Printing Industry of Warangal and to bring the artisans engaged in the Industry into Co-operative fold by providing necessary grants and loans was sanctioned during the year 1959-60 and an expenditure of Rs. 0.12 lakh was incurred under the scheme during the Plan period against the provision of Rs. 0.15 lakh.

Scheme for Imparting Training in the Manufacture of Toys with soft wood at Nirmal, Adilabad District :

There is a great demand for the wooden toys made at Nirmal. In order to enable the craft to cope with this demand, the State Government have sanctioned a scheme for training new artisans during the middle of the year 1960-61 at a cost of Rs. 0.21 lakh. 30 artisans have

been given training. An expenditure of Rs. 0.08 lakh was incurred during the year 1960-61.

Manufacture of Decorative Potteries at Hyderabad :

In order to avail the demand for artistic pottery articles like vases, ash trays, bowls etc., and to provide additional avenues of work to the large number of potters at Hyderabad a scheme to develop this decorative pottery industry on co-operative lines by providing necessary financial assistance through grants and loans was sanctioned during the middle of the year 1960-61. A Co-operative society was organised. An expenditure of Rs. 0.07 lakh was incurred under the scheme. The Society is expected to go into production soon.

Opening of Show Cases of handicraft products at Tourist Bureau at Hyderabad and other Centres :

Show cases of Handicrafts have been installed at Tourist Bureau at Hyderabad and Visakhapatnam and an expenditure of Rs. 0.03 lakh was incurred during the year 1960-61.

SERICULTURE.

Training-cum-Demonstration Farm at Bicknoor :

With a view to popularise the Sericulture Industry it was proposed under this scheme to train 12 candidates a year in Sericulture. During the period under review a silk farm was established at Bicknoor for this purpose. 36 candidates were trained under this scheme at a cost of Rs. 0.47 lakh.

Establishment of Tassar Seed Station at Venkatapur and Mahadevpur :

With a view to produce disease free tassar seeds and supply them to the tribals engaged in tassar industry, two tassar seed stations were established during 1957-58 at Venkatapur and Mahadevpur. This scheme also provided training facilities to 12 candidates a year at each centre in the improved methods of rearing and reeling. During the Plan period Rs. 0.58 lakh seed cocoons were supplied and 72 candidates were trained at a cost of Rs.2.00 lakhs.

Establishment of an Experimental Eri-seed Farm at Shadnagar :

The object of this scheme is to conduct experiments on the economics of Eri Silk Worm rearing and its effects on the castor cultivation. For this purpose an experimental seed farm was established at Shadnagar in Mahaboobnagar District during 1957-58. During the Second Five-Year Plan period 10681 lbs. of Eri Cocoons were produced and 24 candidates have been trained at an expenditure of Rs. 0.55 lakh during the Plan period.

Scheme to reinforce the Government Silk Farm at Manair.

Under this scheme, it was proposed to strengthen the existing technical staff and provide additional facilities in the Silk Farm at Manair. This scheme also provided training facilities for 12 candidates a year with a monthly stipend of Rs. 30 each. In 1958-59 and 1959-60, the Farm was equipped with technical appliances and an oil engine for irrigating the garden was also provided. In 1960-61, it was proposed to improve this farm further and carry out repairs to the existing buildings and to extend mulberry cultivation to an area of 100 acres. During the Plan period 36 candidates have undergone training and a sum of Rs. 0.65 lakh was spent on this scheme.

Establishment of Mulberry Nursery at Manair :

With a view to preparing and distributing improved varieties of mulberry grafts, a mulberry nursery was started at Manair during 1957-58. During the Second Plan period 0.41 lakh of mulberry grafts were supplied under the scheme at a cost of Rs. 0.40 lakh.

Establishment of a Basic Seed Centre at Bicknoor :

During the year 1957-58, a mulberry garden was established at Bicknoor to produce basic seed cocoons and grafts to meet the local demand and to purchase cocoons produced by the rearers. A rearing house and a grainage building were constructed in 1958-59. During the Second Plan, a sum of Rs. 0.64 lakh was spent on this scheme and 59 acres were brought under mulberry cultivation.

Strengthening of the Government Silk Farm, Salvai.

With a view to demonstrating the improved methods of mulberry cultivation and Silk Worm rearing to the aboriginal tribes and to give training to the tribal boys, the Government Silk Farm at Salvai was strengthened by providing additional facilities. During the Second Five-Year Plan period 268 acres of land was brought under cultivation and 24 candidates were trained at an expenditure of Rs. 0.33 lakh.

Organisation of Farmers' Day in Sericulture Areas.

This scheme is intended to provide competitive enthusiasm among the sericulturists and also a chance for discussing the difficulties experienced by them with a view to solving their problems. A sum of Rs. 0.05 lakh was spent during the Second Plan period and as programmed the Farmers' Day was celebrated in Sericulture areas.

Organisation of Tassar Culturists Day in Tassar areas.

Under this scheme, it was proposed to organise tassar culturists day every year in tassar areas to popularise the tassar industry and to distribute prizes to the tassar culturists for the best production of cocoons and reeling. The entire allotment of Rs. 0.04 lakh made for this scheme was utilised during the Second Five-Year Plan period and 4 Tassar days were celebrated.

Scheme for the study tours and training of fresh candidates.

Under this scheme, it was proposed to depute candidates for training in various branches of sericulture industry at Mysore, Bihar and Madras and also depute silk assistants for study tours to States. During the Second Plan period 6 officers were deputed to other States under this scheme besides sending an Officer to Kashmir to study Mulberry cultivation. A sum of Rs. 0.03 lakh was spent on this scheme during the Plan period.

Peripatetic demonstration party in Chinnur Area :

This is a new scheme included in the Plan. This scheme envisages the establishment of a tassar seed station for the development of tassar culture in Chinnur area. Against the provision of Rs. 0.19 lakh, only a sum of Rs. 0.14 lakh was spent till the end of March, 1961.

HANDLOOMS.

Share Capital loans to the primary weavers Co-operative Societies :

During the Second Five-Year Plan period it was proposed to admit 3,437 members into the Co-operative fold by advancing share capital loans to the extent of Rs. 5.58 lakhs and strengthening the share capital position of 5,500 members. These targets were achieved in full during the Second Plan period.

Expansion of Marketing Organisation of Apex Societies

During the Second Plan period 56 internal depots, 3 inter-state depots, one central depot have been opened at a cost of Rs. 4.01 lakhs under this Scheme.

Improvement of techniques and organisational expenses

The following improved appliances have been distributed to the Primary Weavers Co-operative Societies through the Apex institutions in the State during the Second Plan period.

Standard Reeds	..	..	..	500
Wire healds	..	..	..	250
Warping machines	..	..	..	109
Frame looms	..	..	..	1500
Press machines	..	..	..	26
Cloth roller temples	..	..	..	1110
Varnished Healds	..	..	..	1000
Slays	..	..	..	491
Drop boxes	..	..	..	345

Besides the supply of the above improved appliances, 200 employees have been trained and 15 technical Assistants have been appointed to enforce quality control under this scheme. A sum of Rs. 9.11 lakhs was spent on this Scheme.

Establishment of Dye factories :

It was proposed to establish one Dye Factory in the Telangana Region during the Second Five-Year Plan. The Hyderabad Handloom Weavers Central Co-operative Association has been taking steps to establish a Dye Factory at Hyderabad and a sum of Rs. 0.24 lakh was spent on this scheme during the Second Plan period.

Rebate on Handloom Cloth :

To encourage sales of Handloom cloth, rebate was allowed at the rate of 5 nP. per rupee on retail sales and 3 nP. per rupee on whole-sale sales. The expenditure under this scheme during the Second Plan period in Telangana region was Rs. 75.75 lakhs while in the year 1960-61 it amounted to Rs. 10.80 lakhs.

Cumbly Industry :

During the Second Five-Year Plan period 812 woollen handlooms have been brought into the Co-operative fold in Telangana area and a sum of Rs. 14.91 lakhs was spent on this scheme.

Silk Industry :

During the Second Five-Year Plan period 653 looms have been brought into the Co-operative fold by advancing share capital and working capital loans. Two marketing depots were opened, two Dye houses were started, 1250 Standard reeds were supplied and one technical assistant was appointed. During the Plan period an expenditure of Rs. 1.23 lakhs was incurred on this scheme.

Housing Colonies for Weavers :

To provide housing facilities for the Weavers during the Second Five-Year Plan period it was proposed to construct 550 houses in this Region at a cost of Rs. 14.90 lakhs and the targets both physical and financial envisaged under the scheme were achieved in full.

Co-operative Spinning Mills :

A spinning Mill on Co-operative basis called "Netha Co-operative Spinning Mills" was brought into existence

in 1957-58 at Hyderabad. The State Government have taken shares during 1957-58 in the Mills from their own Funds to the extent of Rs. 2.3 lakhs and Rs. 10.00 lakhs from the loan borrowed from the Cess Fund. The construction of buildings and installation of machines has been completed and the Mill is expected to go into production during the year, 1961-62.

State participation in Share Capital of Apex Societies.

A sum of Rs. 9.69 lakhs was spent during the Second Five-Year Plan period under this item, while an expenditure of Rs. 6.69 lakhs was incurred in the year 1960-61.

Conversion of pit looms into frame looms :

A sum of Rs. 3.27 lakhs was disbursed to the Hyderabad Handloom Weavers Central Co-operative Association during the year 1957-58, under this scheme.

Collection of Statistics :

A sum of Rs. 0.29 lakh was spent in this Region during the Second Five-Year Plan period on this scheme for the collection of data on Handloom Industry.

Loans to Apex Societies :

A sum of Rs. 7.50 lakhs was disbursed to the Hyderabad Handloom Weavers, Central Co-operative Association during the plan period.

Construction of Sheds :

A sum of Rs. 1.00 lakh was spent during the year 1960-61 for construction of one shed to instal looms and produce handloom cloth of experimental Variety.

Subsidy towards interest on R.B.I. Finance :

A sum of Rs. 0.33 lakh was disbursed towards interest subsidy during the Second Five-Year Plan period.

STATEMENT
VILLAGE AND SMALL SCALE

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expen- diture.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA'										
<i>Small Scale Industry.</i>										
1.	Scheme for the establish- ment of six production- cum-training centres in Carpentry.	6.85	9.95	1.00	1.41	2.15	2.58	2.44	9.58	
2.	Scheme for the establish- ment of six production- cum-training centres in Blacksmithy.	4.90	7.24	0.80	1.50	1.89	1.40	1.67	7.26	
3.	Scheme for the manu- facture of Crayons and other plaster products at Rajahmundry.	1.12	1.10	0.12	0.13	0.35	0.27	0.24	1.11	
4.	Scheme for the manu- facture and production- cum-training centre for Moulders at Vijayawada.	1.53	2.80	0.41	0.77	0.81	0.48	0.28	2.75	
5.	Scheme for the manu- facture of stoneware and earthenware pro- ducts at Anakapalle and Vijayanagaram.	1.73	2.80	0.11	0.74	1.01	0.55	0.45	2.80	
6.	Scheme for the manu- facture of scientific glass apparatus at Gudur.	1.56	1.37	0.18	0.16	0.22	0.44	0.34	1.34	
7.	Scheme for mobile car- pentry demonstration Unit at Chittoor.	1.13	0.91	0.30	0.27	0.09	0.13	0.09	0.88	
8.	Scheme for the manu- facture of palmyrah brushes at Kakinada.	1.26	0.71	..	0.24	0.23	0.13	0.11	0.71	
9.	Scheme for the model leather goods manu- facturing Unit at Vijayawada.	2.51	3.44	0.47	1.22	1.00	0.54	0.18	3.41	

Item	Unit	Target for plan period (Revised)	Physical Targets and Achievements					Total Achieve- ment during 1956-61
			Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Production of furniture	Rs. in lakhs.	3.30	0.17	0.26	0.27	1.54	2.64	4.88
Trainees	No. per year.	72	35	71	69	35	35	245
Production of articles.	Rs. in lakhs.	2.50	0.10	0.32	0.64	0.69	1.12	2.87
Trainees	No. per year.	72	35	71	69	36	36	247
Production of Crayons & other products.	Rs. in lakhs.	0.24	0.01	0.03	0.06	0.09	0.14	0.33
Trainees	No. per year.	12	6	12	12	12	..	42
Production of Castings	Rs. in lakhs.	1.15	..	0.02	0.02	0.03	0.13	0.20
Trainees	No. per year.	12	..	12	12	12	12	48
Production of stoneware and Jars.	Rs. in lakhs.	0.80	..	..	0.02	0.40	0.33	0.75
Trainees	No. per year.	20	..	..	20	20	8	48
Production of scientific glass	Rs. in lakhs.	0.57	..	0.01	..	0.10	0.03	0.14
Trainees	No. per year.	10	..	10	7	..	5	22
Production of brushes	Rs. in lakhs.	0.52	0.02	0.05	0.05	0.05	0.04	0.21
Trainees	No. per year.	6	..	..	6	6	6	18
Production of leather goods	Rs. in lakhs.	2.22	0.11	0.38	0.77	0.18	0.13	1.57
trainees	No. per year.	12	..	12	12	12	12	48

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
10.	Scheme for production-cum-training centre in ceramics at Dronachalam.	1.78	1.60	0.03	0.22	0.41	0.55	0.28	1.49
11.	Scheme for Carpentry production-cum-training centre at Vizag.	2.50	5.31	0.69	1.17	1.38	1.12	1.10	5.46
12.	Scheme for the Tile production-cum-training centre at Pendurthi.	2.49	2.07	0.07	0.54	0.72	0.36	0.37	2.06
18.	Scheme for the establishment of two general purpose engineering work shops at Cuddapah & Tadepalligudem.	3.87	6.68	..	1.29	1.74	1.95	1.49	6.47
14.	Scheme for shifting of pottery training centre, Rajahmundry.	0.18	0.07	0.07	..	..	..	..	0.07
14.	Scheme for Graphite Crucible Industry at Rajahmundry.	1.58	1.25	..	0.04	0.40	0.46	0.27	1.17
15.	Scheme for production-cum-training centre for enamel-ware at Gudur.	2.01	1.04	..	0.15	0.30	0.19	0.39	1.03
16.	Scheme for the manufacture of bicycle spare parts factory at Vijayawada.	8.50	5.57	..	0.88	1.66	1.42	0.94	4.90
17.	Scheme for builders Hardware Unit at Dowleswaram.	6.35	4.83	..	0.45	1.60	1.64	1.11	4.80
18.	Scheme for model tannery at Guntakal.	5.72	2.09	..	0.27	0.82	0.40	0.15	1.64
19.	Scheme for the manufacture of foot-wear and model tannery at Eluru.	6.03	1.57	..	0.39	0.49	0.32	0.31	1.51

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd Plan period (Revised)</i>	<i>Achievements during</i>					<i>Total Achievement during 1956-61</i>
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
<i>a. Production worth of ceramic articles.</i>	Rs. in lakhs.	0.50	..	..	..	0.17	0.20	0.37
<i>b. Trainees ..</i>	.. No.	6	..	..	..	6	6	12
<i>a. Manufacture of furniture ..</i>	Rs. in lakhs.	2.55	0.31	0.73	1.12	0.91	1.16	4.28
<i>b. Trainees ..</i>	.. No. per year.	6	6	6	6	6	6	30
<i>a. Production of bricks ..</i>	Rs. in lakhs.	0.60	..	..	0.03	0.27	0.28	0.58
<i>b. Trainees ..</i>	.. No.	6	..	..	..	..	6	6
<i>a. Production of implements ..</i>	Rs. in lakhs.	2.72	..	..	..	0.91	1.46	2.37
<i>b. Establishment of work-shops.</i>	.. No.	2	..	..	..	..	..	..
<i>a. Establishment of Production centre.</i>	No.	1	..	..	..	..	..	..
<i>a. Production of enamel sign boards.</i>	Rs. in lakhs.	0.20	..	..	0.01	0.02	0.03	0.06
<i>b. Trainees ..</i>	.. No.	10	..	..	..	8	10	18
<i>a. Manufacture of bicycle spare parts.</i>	Rs. in lakhs.	2.00	..	..	..	0.13	0.27	0.40
<i>b. Trainees ..</i>	.. No. per year.	6	..	..	..	6	6	12
<i>a. Production ..</i>	.. Rs. in lakhs.	3.00	..	..	..	0.73	1.24	1.97
<i>b. Trainees ..</i>	.. No.	6	..	..	..	..	5	5
<i>a. Trainees ..</i>	.. No. per year.	12	..	..	..	..	..	..
<i>a. Production of foot-wear articles.</i>	Rs. in lakhs.	0.59	..	..	0.11	0.09	0.12	0.32
<i>b. Trainees ..</i>	.. No. per year.	20	..	..	20	20	20	60

STATEMENT

Srl. No.	Name of the Scheme.	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20.	Scheme for the manufacture of Stoneware pipes factory at Rajahmundry.	12.55	7.09	1.04	0.46	1.09	2.12	1.97	6.68
21.	Scheme for cottage and small scale industries research institute at Vijayawada.	2.72	1.18	..	..	0.87	0.62	0.35	1.34
22.	Scheme for the manufacture of low loss ceramicware and Radio components at Gudur.	2.20	0.59	..	..	..	0.06	0.41	0.47
23.	Scheme for the manufacture of steel trunks at Ramachandrapuram.	5.00	0.42	..	..	..	0.06	0.06	0.12
24.	Scheme for the manufacture of photo frames at Kakinada.		1.21	..	..	..	0.27	0.83	0.60
25.	Scheme for the manufacture of locks at Tadukupet.	4.00	0.99	..	..	..	0.85	0.10	0.45
26.	Scheme for the establishment of tool Room-servicing at Vizag.	..	3.54	..	..	..	2.40	1.01	3.41
27.	Scheme for the establishment of raw material servicing centre at Visakhapatnam.	..	4.69	..	..	..	0.90	0.77	1.67
28.	Scheme for general purpose Engineering workshop at Samalkot and Nandyal.	..	4.50	..	..	..	1.50	1.80	3.30
29.	Scheme for sheet metal workshop at Uravakonda.	..	0.96	..	..	..	0.07	0.64	0.71
30.	Provision for production wings in six carpentry training centres.	..	1.06	..	..	..	..	0.80	0.80

(Rupees in lakhs.)

XII—(Contd.)

Item	Unit	Physical Targets and Achievements						
		Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(18)	(14)	(15)	(16)	(17)	(18)	(19)
Production of stoneware pipes.	Rs. in lakhs.	3.50	..	..	..	0.96	2.46	3.42
Establishment of Research Institute.	No.	1	..	..	..	..	..	..
Establishment of a Unit	No.	1	..	..	..	..	Construction of building is completed.	..
Production ..	Rs. in lakhs.	0.57	..	..	..	0.06	..	0.06
Do ..	do	2.10	..	..	..	0.27	..	0.27
Production of locks	do	0.75	..	..	..	..	..	..
Centre Opened	No.	1	..	..	..	1	..	1
Centre opened	do	1	..	..	..	1	..	1
Production of implements	Rs. in lakhs.	0.50	..	..	..	..	..	..
Trainees	No. per year.	6	..	..	..	..	..	..
Production of articles.	Rs. in lakhs	0.80	..	..	..	..	..	..
Production of articles	do	1.50	..	..	..	..	..	..

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
31.	Scheme for starting of raw material servicing centres at Vijayawada, Samalkot and Nandyal.	..	5.12	..	..	..	..	3.06	3.06
32.	Scheme for disbursement under Block loans under State Aid to Industries Act.	25.00	31.15	1.15	3.87	8.09	18.04	..	31.15
33.	Scheme for strengthening the Directorate and District Staff.	17.61	10.72	0.15	2.00	2.77	3.18	6.42	14.47
34.	Scheme for provision for salaries of extension officers posted in C.D. and N.E.S. Blocks.	9.00	14.43	..	0.52	4.44	5.37	8.72	19.04
35.	Provision for the maintenance of Jeeps.	4.20	2.78	..	..	1.15	1.03	0.92	3.10
36.	Provision for the scheme in the normalised Blocks.	5.75	2.52	..	..	2.52	..	..	2.52
37.	Provision for spill-over schemes into the Second Plan.	..	1.83	1.83	..	..	..	..	1.83
INDUSTRIAL ESTATES.		..	..	..		
1.	Scheme for the establishment of an Industrial Estate, Visakhapatnam.	32.56	29.04	..	3.27	12.61	9.66	2.44	27.98
2.	Scheme for the establishment of Industrial Estate at Vijayawada.	32.16	23.05	..	6.01	6.71	8.11	2.04	22.87
3.	Scheme for the establishment of an Industrial Estate at Smalakot.	..	7.70	..	..	3.62	3.80	0.30	7.22
4.	Scheme for the establishment of an Industrial Estate at Nandyal.	..	3.25	..	..	0.55	2.52	0.11	3.18

Sri. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
5.	Scheme for the establishment of an Industrial Estate at Cuddapah.	..	6.12	..	..	..	..	2.20	4.58	6.55
6.	Scheme for the establishment of an Assisted Private Industrial Estate at Eluru.	..	2.00	..	..	..	..	..	0.08	0.08
7.	Scheme for the establishment of an Assisted Private Industrial Estate at Guntur.	..	2.00	..	..	..	..	..	0.01	0.01
HANDICRAFTS.										
*1.	Scheme for wooden toys Centre at Tiruchanur.	0.70	0.51	0.01	0.07	0.14	0.13	0.06	0.41	0.41
2.	Scheme for bamboo and Basket making Centres at Nellore, Kodur and Thummapala.	0.69	0.49	0.01	0.09	0.16	0.17	0.05	0.58	0.58
3.	Scheme for starting of a sales emporium for cottage Industries at Tirupathi.	0.60	1.52	..	0.17	0.44	0.47	0.43	1.51	1.51
4.	Scheme for Lacquer and wooden toys centre at Etikoppaka.	0.84	0.47	..	0.06	0.13	0.17	0.07	0.43	0.43
5.	Scheme for Bamboo and Basket Centre at Guntakal and Araku.	..	0.34	0.01	0.06	0.13	0.10	0.04	0.34	0.34
6.	Scheme for Ivory, tortoise shell and Horn Industry at Vishakhapatnam.	0.67	0.19	..	..	0.07	0.06	0.06	0.19	0.19
7.	Scheme for the estt. of wool processing and dyeing centre at Eluru	..	1.68	..	1.27	0.07	0.19	0.10	1.73	1.73

(Rupees in lakhs.)

XXII—(Contd.)

Item	Physical Targets and Achievements							Total Achievement during 1956-61
	Unit	Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Constructing of factory building	No	16	..	..	..	..	Construction work is in Progress.	
do ..	..	..	..	..	..	..	Land acquisition is in Progress.	
do ..	..	..	..	..	..	..	Land acquisition is in progress.	
Trainees ..	.. No. per year.	6	6	6	6	6	6	30
Production of articles	.. Rs. in lakhs.	..	..	..	..	0.06	..	0.06
Trainees ..	.. No. per year	30	..	27	30	..	..	57
Production of articles	.. Rs. in lakhs.	..	..	..	..	..	0.06	0.06
Establishment of an emporium	No.	1	..	1	..	..	..	1
Sales per year	.. Rs. in lakhs.	..	..	0.02	0.29	0.33	0.31	0.95
Trainees ..	.. No.	12	..	12	12	12	12	48
Production ..	.. Rs. in lakhs.	..	..	..	0.04	0.05	0.06	0.15
Trainees ..	.. No.	20	..	..	20	..	..	20
Production ..	.. Rs. in lakhs	..	..	..	0.01	0.02	0.02	0.05
Trainees ..	.. No. per year.	6	..	..	6	6	6	18
Establishment of a centre	No.	1	..	..	1	..	..	1
Production per year	.. Rs. in lakhs.	..	..	..	0.28	0.80	0.88	0.96

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
8.	Scheme for intrastate marketing in the Central Sales Emporium at Vijayawada.	..	0.48	..	..	0.06	0.20	0.16	0.42
9.	Scheme for imparting training in the manufacture of Kondapalli Toys.	0.75	0.29	..	..	0.10	0.09	0.10	0.29
10.	Scheme for opening of one Class II procurement-cum-sales depot at Visakhapatnam.	..	1.37	..	..	0.36	0.46	0.56	1.38
11.	Scheme for Kalamkari printing industry at Masulipatnam.	1.00	0.26	..	..	0.12	0.07	0.07	0.26
12.	Scheme for the development of Asia Rumals weaving at Chirala	..	0.18	..	..	..	0.13	0.05	0.18
13.	Scheme for the Musical Instruments making of Veenas at Bobbili.	..	0.16	..	..	0.07	0.05	0.04	0.16
14.	Scheme for the development of seamless quilt industry at Kuppam.	..	0.11	..	..	0.06	0.03	0.02	0.11
15.	Scheme for starting of artistic wooden ware industry at Udayagiri.	..	0.20	..	0.05	0.04	0.07	0.08	0.18
16.	Scheme for copying of Temple Designs to be used in Handicrafts.	..	0.04	..	..	..	0.01	0.01	0.02
17.	Scheme for development of hand made crochet lace industry at Narsapur.	1.60	0.03	..	..	..	..	0.03	0.03
18.	Scheme for starting of one Class II procurement-cum-sales depot at Anantapur.	..	0.55	..	..	..	0.26	0.45	0.71

(Rs. in lakhs)

XXII—(Contd.)

Item	Physical Targets and Achievements							Total Achievement during 1956-61
	Achievements during						00-61	
	Unit	Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59	1959-60		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Establishment of a section	.. No.	1	..	..	1	..	..	1
Value of goods marketed	.. Rs. in lakhs.	..	..	..	0.69	1.00	1.50	3.19
Trainees	.. No. per year.	12	..	..	11	12	11	34
Opening of a sales depot	.. No.	1	..	1	..	..	..	1
sales per year	.. Rs. in lakhs.	..	..	..	..	0.16	0.39	0.55
Trainees	.. No.	..	..	..	4	4	4	12
Weavers brought under production activity.	.. No. per year	20	..	..	20	20	34	74
Production per year	.. Rs. in lakhs.	..	..	0.02	0.15	0.25	0.22	0.64
Establishment of Centre	.. No.	..	..	..	1	..	..	1
Establishment of production centre.	No.	1	..	..	..	1	..	1
Sale of articles	.. Rs. in lakhs.	..	..	..	0.03	0.06	0.13	0.22
Establishment of Centre	.. No.	1	..	..	..	1	..	1
Production of lace	.. Rs. in lakhs.	1.60	..	..	..	0.50	1.20	1.70
Value of articles transacted	.. Rs. in lakhs	..	..	..	..	0.30	0.29	0.59

Sri. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1953-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
19.	Scheme for common facility centre for carpet industry at Eluru.	..	0.24	..	..	..	..	0.20	0.20
20.	Scheme for Musical Instruments at Pithapuram.	..	0.07	..	..	..	0.04	0.08	0.07
21.	Scheme for common facility centre in Kalamkari Industry at Masulipatnam.	..	0.10	..	..	..	0.05	0.05	0.10
22.	Scheme for providing show cases for handicrafts product at Visakhapatam, Vijayawada Warangal Tirupathi, and Ananatpur Railway stations.	..	0.04	..	..	..	..	0.06	0.06
23.	Scheme for common production facility centre at Araku.	..	0.09	..	..	..	0.04	0.06	0.10
24.	Scheme for Musical Instruments making at Jaggayyapet.	..	0.12	..	..	..	0.08	0.04	0.14
25.	Scheme for starting of one class II procurement-sales depot at Rajahmundry.	..	0.14	..	..	..	..	0.11	0.11
26.	Scheme for the development of metal work industry.	..	0.09	..	..	..	..	0.07	0.07
27.	Scheme for the opening of show cases at Pilgrim centres.	..	0.10	..	..	..	..	0.08	0.08
28.	Scheme for the issue of publicity material brochures, folders etc, on handicrafts of Andhra Pradesh.	..	0.10	..	..	..	..	0.03	0.04

(Rupees in lakhs.)

XXII—(Contd.)

Physical Targets and Achievements								
Item	Achievements during						Total Achievement during 1956-61	
	Unit	Target for 2nd Plan period (Revised)	1956-57	1957-58	1958-59	1959-60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Artisans benefitted	.. No.	20	..	..	..	..	48	48
Musical instruments centre	.. No.	1	..	..	..	1	..	1
Show cases	.. No.	5	..	..	..	..	5	5
Artisans benefitted	.. No.	50	..	..	..	..	21	21
Artisans benefitted	.. No per year.	20	..	..	..	..	10	10
Musical instruments Centre	.. No.	1	..	..	..	1	..	1
Opening of a sales depot	.. No.	1	..	..	..	..	1	1
No. specific targets								
Show cases	.. No.	5	..	..	..	..	N.A.	N.A.
No. Specific targets								

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>Sericulture</i>										
1.	Scheme for the estt. of a grainage at Hindupur.	0.54	0.49	0.08	0.23	0.06	0.06	0.07	0.50	
2.	Scheme for the estt. of a basic seed farm at Hindupur.	0.55	0.59	0.19	0.82	0.08	0.02	0.03	0.59	
3.	Scheme for providing facilities to the Government Slik Farm at Palamaner.	0.42	0.36	0.08	0.28	0.08	0.02	0.01	0.37	
4.	Scheme for the estt. of two reeling units at Hindupur and Palamaner	0.50	0.53	0.10	0.02	0.09	0.17	0.22	0.60	
5.	Scheme for the estt. of graft nursery at Hindupur.	70.00	0.77	0.12	0.25	0.16	0.10	0.10	0.72	
6.	Scheme for the estt. of an Eri seed farm at Peapalli.	0.53	0.76	0.05	0.28	0.15	0.18	0.14	0.80	
7.	Scheme for the introduction of sericulture as crafts in two schools in Chittoor and Anantapur.	0.08	0.08	..	0.01	0.02	0.02	0.02	0.07	
8.	Scheme for technical assistance to sericulturists of Hindupur.	..	0.21	..	..	0.07	0.07	0.07	0.21
9.	Scheme for the estt. of a propaganda station at Palamaner.	..	0.06	..	..	0.02	0.02	0.02	0.06
10.	Scheme for the estt. of a chowki rearing unit at Punganoor.	..	0.14	..	..	0.04	0.05	0.05	0.14
11.	Scheme for providing reeling and irrigation facilities to the Farm at Chintalapudi.	..	0.20	..	..	0.07	0.05	0.05	0.17
12.	Scheme for the estt. of basic seed farm at Chintapalli.	1.11	0.87	..	..	0.48	0.17	0.26	0.91

(Rupees in lakhs.)

XXII—(Contd.)

Physical Targets and Achievements								
Item	Unit	Target for 2nd Plan period (Revised)	Achievements during				Total Achieve- ment during 1956-61	
			1956-57	1957-58	1958-59-	1959-60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Production of D.F.I.s.	.. No. in lakhs.	1.20	..	0.22	0.41	0.47	0.53	1.63
Production of cocoons	.. do	4.00	0.26	0.64	0.98	1.42	1.88	5.13
Production of F.R. cocoons	. do	0.80	..	..	0.33	1.72	1.71	3.76
Reeling Units	.. No. ..	2	..	1	1	Continuance		
Production of mulberry grafts	No.	0.75	..	0.23	0.21	0.55	0.41	1.40
Production of eri cocoons	.. lbs. ..	..	..	..	845	800	1,551	3196
Introduction of sericulture as craft in schools.	No.	2	..	2	..	Continued		2
Land brought under cultivation.	Acres	500	62	90	110	100	100	462
..Do.	.. do ..	500	62	90	110	100	100	462
Rearing of layings	.. No.	35,000	..	..	5,000	12,890	11,385	29,275
Addl. area brought under cultivation,	Acres	110	..	..	27	36	47	110
Production of F.R. cocoons	. No.	400,000	..	16,000	3,000	11,450	150,000	280,450

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
13.	Scheme for the estt. of a demonstration silk farm in Araku Valley.	1.07	0.81	..	..	0.48	0.17	0.28	0.88
14.	Scheme for the estt. of a Tassar Station at Venkatapuram.	1.55	0.82	..	..	0.42	0.17	0.24	0.83
15.	Scheme for the supply of sappling.	..	0.07	..	..	..	0.05	0.03	0.08
16.	Scheme for irrigation facilities at Chintapalli.	..	0.16	..	..	..	0.15	0.01	0.16
17.	Scheme for irrigational facilities at Arakuru valley.	..	0.02	..	..	..	0.01	0.01	0.02
18.	Scheme for publicity and propaganda for silk-worm rears.	..	0.01	..	..	..	0.01	0.01	0.02
19.	Scheme for strengthening supervisory staff at Head office.	..	0.10	..	..	..	..	..	..
20.	Scheme for the estt. of incubator for G.S.F. at Hindupur.	..	..	..	..	..	..	0.05	0.05
21.	Scheme for deputation of Officers to other States for training in Tassar and Sericulture.	..	..	..	..	..	..	..	..
<i>Coir Industry.</i>										
1.	Scheme for coir production-cum-training centre at Tallarevu.	1.06	0.61	..	0.06	0.15	0.21	0.30	0.72	
2.	Scheme for coir production cum-training centre at Anthervedi.	..	0.62	..	..	0.17	0.28	0.16	0.61

(Rupees in lakhs.,

XII—(Contd.)

Physical Targets and Achievements								
Item	Unit	Achievements during					Total Achieve- ment during 1956-61	
		Target for 2nd Plan period (Revised)	1956-57	1957-58	1958-59	1959-60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Production of tassar seed cocoons.	No.	200,000	..	..	..	..	..	..
Supply of tassar seed cocoons.	No.	800,000	108,308	..	108,880	112,000	156,552	4,85,240
Applings	No.	20,00,000	..	..	..	..	700,000	7,00,000
Construction of well	No.	1	..	..	..	1	..	1
Purchase of an incubator.	..	1	..	..	..	1	..	1
Construction of a well	.. No.	1	..	..	..	..	1	1
Not Implemented.								
Installation of an incubator	.. No.	1	..	..	..	..	..	..
Not Implemented.								
Trainees	.. No. per year.	12	..	..	12	12	12	36
Mfg. of coir goods	.. Rs. in lakhs.	..	..	..	..	0.02	0.03	0.10
Trainees	.. No. ..	36	..	..	12	12	12	36

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-00	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
3.	Scheme for coir production-cum-training centre at Komaragiripatam.	..	0.04	..	..	0.17	0.29	0.17	0.63
4.	Scheme for coir production-cum-training centre at Mogalthur.	0.46	0.45	0.04	0.08	0.12	0.09	0.11	0.44	
5.	Scheme for coir production-cum-training centre in Government coir School at Barua.	..	0.67	0.05	..	0.12	0.20	0.21	0.58	
6.	Scheme for manufacture of coir bristle and mattress fibre at Amlapuram	..	0.57	..	..	..	0.17	0.38	0.55
7.	Scheme for the manufacture of coir bristle and mattress fibre at Sriakulam.	..	0.50	..	..	..	..	0.12	0.12
<i>Industrial Cooperatives</i>										
1.	Grants towards reserve funds of Industrial Co-operatives	..	..	..	..	..	..	0.50	0.50
2.	Grants towards cost of technical and accounts Staff	..	..	..	..	..	0.24	0.30	0.54
3.	Grants by way of meeting the cost of supervisory and managerial staff	15.04	8.11	..	..	..	0.27	0.59	0.86
4.	Grants for introduction or expansion of existing equipment to industrial co-operatives societies	..	..	..	..	..	0.04	0.52	0.56
5.	Loans to industrial co-operative societies.	..	..	..	..	..	0.12	..	0.12
6.	Development of village leather industry through co-operatives	..	..	..	..	..	0.20	..	0.20

(Rupees in lakhs.)

XXII—(Contd.)

Physical Targets and Achievements								
Item	Unit	Target for 2nd Plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Production	.. Rs. in lakhs.	..	..	0.02	0.02	0.04	0.04	0.12
(b) Trainees	.. No. per year.	12	..	..	12	12	12	36
(a) Production	.. Rs. in lakhs	1	0.01	0.01	0.02	0.02	0.02	0.08
(b) Trainees ..	.. No. per year	12	..	12	12	12	12	48
Coir goods ..	.. Rs. in lakhs.	..	0.08	0.04	0.12	0.13	0.13	0.45
Production of coir goods	.. Rs. in lakhs.	..	..	..	..	..	0.01	0.01

No Specific Targets

No Specific targets

Do.

Do.

Do.

Do.

Do.

Srl. No.	Name of the Scheme	Financial targets and achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>Handlooms</i>										
1.	Share capital and working capital loans to Societies	70.00	18.50	11.70	2.07	1.09	2.39	1.25	18.50	
2.	Expansion of Marketing organisation of Apex Society	53.79	8.68	1.03	1.61	2.50	2.12	1.42	8.68	
3.	Improvement of techniques and organisational expenses .	67.68	27.26	8.48	7.77	4.83	3.24	2.94	27.26	
4.	Establishment of Dye Factories	2.52	1.02	0.45	0.44	0.11	..	0.02	1.02	

(Rupees in lakhs.)

II—(Contd.)

Item	Physical Targets and Achievements							Total Achievement during 1956-61
	Unit	Target for 2nd Plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Admission of New Loans	No.	25,878	5,300	7,800	4,695	5,500	2,583	25,878
Increase in share capital of members	No.	3,140	..	..	..	1,640	1,500	3,140
Organisation of New Depots and Emporia	No.	90	17	30	..	22	21	90
Opening of Inter State Depots	No.	5	..	..	..	..	5	5
Opening of Central Depots	No.	7	..	..	..	..	7	7
Opening of City Emporia	No.	5	..	..	..	..	5	5
Supply of standard Reeds	No.	4,950	1,985	360	1,115	1,495	..	4,950
Supply of steel Reeds ..	No.	4,761	..	..	..	..	4,761	4,761
Supply of Healds ..	No.	5,140	..	5,140	..	..	..	5,140
Supply of Cotton varnished healds	No.	1,872	..	679	1,193	..	..	1,872
Supply of Wire Healds ..	No.	400	..	..	..	400	..	400
Supply of Devicers to regulate Picks	No.	1,715	480	..	1,235	..	..	1,715
Supply Warping Machines	No.	291	90	..	..	125	76	291
Supply of Frame looms ..	No.	200	..	..	200	..	..	200
Supply of Dobbies ..	No.	822	600	222	..	..	..	822
Supply of Press Machines	No.	117	..	10	5	..	102	117
Supply of cloth Roller Temples	No.	225	..	..	..	225	..	225
Supply of Take up motion attachments	No.	90	..	..	..	..	90	90
Supply of Pedal looms ..	No.	160	..	..	..	..	160	160
Small dye Units ..	No.	24	..	22	..	2	..	24
Pattern-making Factories	No.	5	..	..	5	..	..	5
Calendering Plant ..	No.	1	..	..	..	..	1	1
Supply of Slays ..	No.	3,128	300	462	1,041	700	625	3,128
Quality control (Appointment of Technical Assits)	No.	23	..	..	..	23	..	23
Starting of dye Factories	No.	4	..	..	2	..	2	4
Production of Dyed yarn of bales	No.	25,200½	3,008	3,000	3,000	7,991½	8,202	25,200½

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure.
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
5.	Rebate . . .	..	50.00	153.98	25.00	36.02	38.40	26.16	28.40	153.98
6.	Cumbly Industry	..	7.15	3.78	..	0.14	0.90	1.68	1.06	3.78
7.	Development of silk handloom Industries		1.98	1.16	0.74	0.25	0.08	..	0.00	1.16
8.	Housing colonies for weavers.		21.30	17.39	0.71	1.29	0.89	3.81	11.19	17.39
9.	Co-operative spinning Mills		25.00	15.57	..	..	5.00	7.50	3.07	15.57
10.	State participation in the share Capital of Apex Society		5.60	..	3.00	..	..	..	2.60	5.60

XXII—(Contd.)

(Rupees in lakhs.)

Physical Targets and Achievements

Achievements during

Total
Achievement
during
1956-61

Item

Init
Target
for 2nd
Plan peri-
od (Revised)

1956-57

1957-58

1958-59

1959-60

1960-61

Total
Achievement
during
1956-61

(11)

(12)

(13)

(14)

(15)

(16)

(17)

(18)

(19)

Item	Init	Target for 2nd Plan peri- od (Revised)	1956-57	1957-58	1958-59	1959-60	1960-61	Total Achievement during 1956-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Rs. in lakhs	Rs. in lakhs	153.98	25.00	36.02	38.40	26.16	28.40	153.98
1. Starting of new societies	No.	23	..	4	6	8	5	23
2. New looms admitted	No.	1,728	..	400	500	678	150	1,728
3. Increase in share capital of members	No.	250	..	..	..	..	250	250
Opening of Internal Depots	No.	2	..	..	..	1	1	2
Opening of Central depots	No.	1	..	..	..	1	..	1
Supply of Fly Shuttle looms	No.	50	..	..	..	40	19	59
Supply of Healds and Reeds	No.	120	..	..	..	80	40	120
Supply of Wool Carding Machines	No.	6	..	..	..	4	2	6
Supply of Wool carding and processing plant	No.	1	..	..	..	..	..	Not sanctioned
Quality control (Appointment of Technical assistants)	No.	1	..	..	..	1	..	1
Production of rugs and of umbrellas	No.	9,00,000	1,00,000	2,00,000	1,50,000	1,50,000	3,00,000	9,00,000
Construction of sheds	No. of sheds	3	..	..	..	..	3	3
New looms admitted	No.	354	155	83	14	102	50	354
Societies started	No.	5	..	5	..	..	..	5
Opening of Marketing Depots	No.	1	..	..	..	..	..	..
Silk processing plant	No.	1	..	..	..	..	..	..
Supply of standard Reeds	No.	150	..	..	..	..	150	150
Sheds constructed	No.	808	..	200	200	200	208	803
Establishment of spinning Mills	No.	2	..	..	..	..	2	2
Production of yarn	No. of Bales	46,056	5,144	6,405	900	9200	16,807	46,056

No Specific Targets

Financial Targets and Achievements

Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expenditure
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
				(5)	(6)	(7)	(8)	(9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
11.	Loans to Andhra Handloom Weavers Co-operative Societies	25.00	22.47	..	22.47	..	..	..	22.47
12.	Collection of Statistics	..	0.51	..	..	..	0.08	0.48	0.67
13.	Construction of sheds	..	1.00	..	..	..	..	1.00	1.00
14.	Subsidy to wards interest on Reserve Bank of India Finance	0.85	..	..	..	..	..	0.85	0.85
15.	Provision for dropped Schemes	137.96	..	..	..	..	..	..	..
Total for Andhra		782.08	582.42	57.40	106.84	119.79	129.86	111.57	524.46

TELANGANA
SMALL SCALE INDUSTRY.

1.	Scheme for imparting training in power driven machines at Mugheerabad (Hyderabad).	4.58	3.52	0.63	0.70	0.45	0.74	0.72	3.25
2.	Scheme for the establishment of a model tannery at Warangal.	5.29	1.74	0.38	0.27	0.50	0.04	0.03	1.17
3.	Scheme for the establishment of an Utility leather goods centre at Hyderabad.	2.85	3.80	0.62	0.12	0.45	1.11	1.51	3.81
4.	Scheme for the establishment of a Saw mill-cum-timber seasoning Plant at Warangal.	2.35	4.10	0.06	0.30	1.41	1.07	0.80	3.64
5.	Scheme for the establishment of two model carpentry workshops at Mahabubabad and Warangal.	3.09	3.88	..	0.12	1.10	1.66	1.27	4.15

(Rupees in lakhs.)

XXII—(Contd.)

Item	Physical Targets and Achievements							
	Achievements during							Total Achievements during 1956-61
	Unit	Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
No Specific Targets								
No Specific Targets								
Sheds constructed	.. No.	1	..	..	..	..	1	1
No Targets								
(a) Production of machine tools	Rs in lakhs	0.66	0.01	0.02	0.02	0.17	0.20	0.42
(b) Trainees	..No. per year	64	30	28	47	56	52	213
Leather goods articles	..Rs. in lakhs	0.80	..	0.21	..	..	..	0.21
(a) Production of footwear articles	Rs in lakhs	3.00	..	0.13	0.77	0.70	0.71	2.31
(b) Trainees	.. No.	10	..	..	..	10	..	10
(a) Manufacture of furniture	Rs. in lakhs.	1.00	..	..	..	0.23	0.39	0.62
(b) Trainees	..No. per Year	6	..	..	..	6	6	12
(a) Production of articles	Rs. in lakhs	2.50	..	..	0.12	0.65	1.34	2.11
(b) Trainees	.. No.	24	..	..	..	16	16	32

STATEMENT

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
6.	Scheme for the estt. of two model blacksmithy workshops at Khammameth and Warangal.	2.08	4.27	..	0.49	0.99	0.99	1.15	8.62
7.	Scheme for the estt. of cutlery industry at Podur.	1.04	1.33	0.04	0.24	0.43	0.35	0.15	1.21
8.	Scheme for 20 Co-operative work centres in Hyderabad and Secunderabad.	4.20	2.55	0.80	0.46	0.41	0.40	0.38	2.45
9.	Scheme for 10 Co-operative work centres in the Districts.	14.00	2.29	..	0.63	1.22	0.20	0.18	2.18
10.	Scheme for Brassware industry at Siddipet.	0.06	0.06	0.01	0.01	0.01	0.02	0.01	0.06
11.	Scheme for mobile Blacksmithy demonstration unit, Medak.	1.38	0.09	0.80	0.40	0.06	0.17	0.10	1.08
12.	Scheme for the manufacture of small gauze insulated copper wires at Hyderabad.	7.40	7.00	..	..	5.22	0.28	0.17	5.67
13.	Scheme for the manufacture of Radio spare parts and receivers at Hyderabad.	11.20	4.07	..	..	2.44	0.80	0.20	3.44
14.	Scheme for the manufacture of fractional H.P. Motors at Hyderabad.	12.82	5.18	..	..	2.90	1.28	0.15	4.33
15.	Scheme for furniture saw-mill-cum-Mechanised wood working shop at Hyderabad.	..	4.99	..	..	0.72	1.47	2.32	4.51
16.	Scheme for the manufacture of ceramic service centre at Hyderabad.	..	2.40	..	..	0.75	0.34	0.72	1.81

XII—(Contd.)

(Rupees in lakhs.)

Item	Physical Targets and achievements							Total Achievements during 1956-61
	Unit	Target for 2nd plan period (Revised)	Achievements during.					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Production of agrl. implements	Rs. in lakhs	2.00	..	..	0.02	0.49	0.97	1.48
(b) Trainees	.. No.	20	..	..	..	16	16	32
Production of cutlery articles	Rs. in lakhs	0.50	0.01	0.05	0.09	0.10	0.08	0.33
Work centres started	.. No.	20	..	20	..	..	..	20
do.	.. do.	10	..	..	..	10	..	10
Mobile demonstration unit	.. No.	1	..	1	..	..	..	1
Production of copper wire	.. Lb.	25,000	..	..	..	..	..	..
Manufacturing unit	.. No.	1	..	..	..	..	..	..
Do. ..	.. „	1	..	..	..	..	..	..
(a) Production of furniture.	Rs. in lakhs.	4.00	..	..	..	..	..	..
(b) Apprentices	.. No.	10	..	..	..	..	..	..

No specific Targets

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
17.	Scheme for raw material servicing centre at Hyderabad.	..	3.12	..	..	..	0.67	0.81	1.48
18.	Scheme for the manufacture of plastic wood from saw-dust at Hyderabad.	..	0.21	..	..	..	..	0.80	0.80
19.	Scheme for laboratory ware and Arthware at Hyderabad.	..	1.46	..	..	..	..	0.45	0.45
20.	Scheme for the extraction of Katha from Sundra wood in Mulug Pilot Project area.	1.30	0.43	..	..	..	0.02	0.25	0.80
21.	Scheme for training-cum-production centre in scientific glass at Hyderabad.	..	1.00	..	..	..	..	0.41	0.41
22.	Scheme for starting of raw Material Servicing centre at Warangal.	..	3.42	..	..	..	..	0.83	0.83
23.	Scheme for short term training course in Automobile & Radio Servicing and Establishment of a workshop for manufacturing machine tools.	..	1.00	..	..	..	..	0.68	0.68
24.	Scheme for the manufacture of splints and veneers at Mulug.	..	0.90	..	0.66	0.14	..	..	0.80
25.	Scheme for general engineering workshop at Warngal.	..	4.03	..	..	..	1.67	2.14	3.81
26.	Disbursement of Block-loans under State Aid to Industries Act.	26.00	20.70	5.50	6.40	8.80	..	..	20.70
27.	Provision for salaries of E. O's. (1) posted in C. D. & N. E. S. Blocks.	..	4.53	..	0.25	1.48	..	..	1.73

(Rupees in lakhs.)

XXII—(Contd.)

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievements during 1956-61
			1956-57	1957-58	1958-59-	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
No specific targets								
(a) Production of plastic wood.	Rs. in lakhs.	0.50	..	..	..	..	..	..
Production of Artware	.. Do.	1.70	..	..	..	..	..	..
Production of katha	.. Do.	0.60	..	..	..	..	..	..
Production of implements	.. Do.	0.50	..	..	..	..	..	..
No specific targets.								
No specific targets.								
Production of implements	Rs. in lakhs	0.50	..	..	..	..	..	..
Grant of loan		Shown in Andhra Area.						
..	..	Staff Scheme.						

Sl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8.	Supervisory staff connected with Small scale Industries schemes.	4.32	2.92	..	0.20	0.92	..	..	1.12
9.	Provision for the purchase and maintenance of Jeeps.	..	0.88	..	..	0.57	..	..	0.57
0.	Rural Arts and Crafts Industries Centres in normalised Blocks.	..	0.78	..	..	0.73	..	..	0.73
1.	Upgrading of Village Industries Training Centre at Hyderabad.	..	0.38	..	..	..	..	1.17	1.17
2.	Scheme for Cottage Match Factories	8.12	5.74	5.74	..	..	..	..	5.74
3.	Glass Bangle Industry at Mahabubnagar.	0.94	0.06	0.06	..	..	..	..	0.06
<i>(Industrial Estates).</i>									
4.	Scheme for the establishment of an Industrial Estate at Warangal.	..	10.79	..	..	1.37	5.82	2.94	10.13
5.	Scheme for the establishment of an Industrial Estate at Chandul Baradari.	..	3.00	..	..	..	..	3.59	3.59
6.	Scheme for the establishment of an Industrial Estate at Sanatnagar.	82.66	64.09	..	10.36	13.28	16.67	16.42	56.73
7.	Scheme for the establishment of an Industrial Estate at Nizamabad.	..	1.00	..	..	..	..	..	..

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>(Handicrafts).</i>										
1.	Scheme for carpet and Drugget making Industry at Warangal.	0.81	0.81	0.03	0.19	0.03	0.03	0.03	0.31	
2.	Scheme for the development of Mat weaving Industry at Mahabubnagar.	0.22	0.21	0.01	0.11	0.03	0.03	0.03	0.21	
3.	Scheme for the development of Silver Filigree Industry at Karimnagar.	0.48	0.39	0.30	..	0.08	0.08	0.08	0.89	
4.	Scheme for the development of ivory and horn Industry at Secunderabad.	0.56	0.53	0.16	0.09	0.11	0.11	0.11	0.53	
5.	Scheme for expansion of the Government Cottage Industries Sales Depot, Hyderabad.	2.60	3.14	1.00	0.08	1.22	0.63	0.10	3.98	
6.	Staff for Handicrafts ..	1.76	0.97	..	0.08	0.21	0.33	0.46	1.13	
7.	Scheme for the development of Beads work at Janagaon.	0.44	0.31	..	0.21	0.03	0.03	0.03	0.30	
8.	Scheme for common facility centre on co-operative lines for Himroo weavers.	1.05	0.55	..	..	0.33	0.08	0.14	0.55	
9.	Scheme for providing training facilities common production programme for Bidri craftsmen.	1.37	0.58	..	..	0.36	0.08	0.15	0.59	
10.	Scheme for the Survey of Handicrafts.	..	0.26	..	..	0.03	0.08	0.06	0.17	
11.	Scheme for opening of class II procurement-sales depot at Warangal.	..	1.16	..	..	0.33	0.46	0.52	1.31	

(Rupees in lakhs.)

XII—(Cont.)

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
a) Estt. of dyeing centre.	No.	1	..	..	..	1	..	1
b) Sale of drugget and carpet.	No. per year.	2,000	1,933	1,717	2,000	2,250	2,400	10,800
Mats.	.. No.	3,000	3,000	4,014	4,891	5,000	4,500	21,405
Artisans brought under Coop fold.	No.	50	..	35	15	38	35	123
(b) Filigree articles	.. Rs. in lakhs.	0.50	..	0.26	0.07	0.20	0.15	0.68
Trainees	No. per year.	8	..	8	8	8	8	32
Sales per annum.	.. Rs. in lakhs.	5.00	5.00	3.50	4.29	6.50	6.25	25.54
		Staff Scheme						
Workers benefitted	.. No.	50	..	50	40	50	81	221
Do.	.. Do.	25	..	..	25	78	104	207
Do.	.. Do.	25	..	..	..	25	25	50
		Staff Scheme.						
(a) Opening of a sales depot.	No.	1	..	..	1	..	..	1
(b) Sales per annum	Rs. in lakhs.	..	..	..	0.11	0.57	0.45	1.13

Srl. No.	Name of the Scheme.	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
12.	Scheme for common production facility centre for Nirmal Toy Industry at Nirmal.	..	0.12	..	..	..	0.10	0.01	0.11
13.	Scheme for Mobile Publicity Van with staff.	..	0.22	..	..	..	..	0.22	0.22
14.	Scheme for quality making.	..	0.07	..	..	..	0.02	0.03	0.10
15.	Scheme for the development of Nirmal Industry at Khairtabad.	..	0.45	..	..	..	0.10	0.20	0.80
16.	Scheme for common facility centre for Ivory & Horn Industry at Secunderabad.	..	0.18	..	..	..	0.03	0.16	0.19
17.	Scheme for Block printing Industry at Warangal.	..	0.15	..	..	..	0.06	0.06	0.12
18.	Scheme for the establishment of a research Design Institute in A.P.	4.30	0.50	..	..	..	..	..	..
19.	Scheme for imparting training in the soft wooden toy industry in Adilabad District.	..	0.21	..	..	..	..	0.03	0.03
20.	Scheme for the manufacture of decorative pottery.	..	0.05	..	..	..	..	0.07	0.07
21.	Scheme for the opening of show rooms for tourist bureau at Hyderabad and other centres.	..	0.05	..	..	..	..	0.03	0.03
22.	Scheme for workshop for Nirmal Industry.	..	..	..	..	..	..	..	..
23.	Workshops for decorative furniture grill work.. Jolly work etc.	..	0.14	..	..	..	..	..	..

XXII—(Contd)

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Workers to benefited	No.	50	..	..	..	29	22	51
Crafts brought under quality making	Do.	5	..	..	..	3	5	8
Trainees	Do.	25	..	..	..	..	19	19
<i>Not Implemented</i>								
Workers benefited	Do.	20	..	..	..	20	20	40
(a) production for pa.	R.s in	..	..	..	..	..	0.23	0.23
(b) Workers benefited	No.	20	..	..	..	20	12	32
<i>Not Implemented</i>								
Do.								
Trainees	No.	60	..	..	..	..	30	30
No Specific targets.								
Show cases opened	No.	2	..	..	..	..	2	2
Not Implemented								
Do.								

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Sericulture.										
1	Scheme for establishment of training cum- demonstration farm at Bicknoor.	0.57	0.50	0.07	0.08	0.10	0.12	0.10	0.47	
2	Scheme for the establishment of a Tassar seed station at Mahadevpur.	0.77	0.78	0.01	0.03	0.30	0.19	0.23	0.76	
3	Scheme for establishment of a Tassar seed station at Venkatur.	0.97	1.21	0.01	0.03	0.58	0.23	0.29	1.24	
4	Scheme for the establishment of an experimental Eri Culture Farm at Shadnagar.	0.66	0.56	0.01	0.10	0.12	0.14	0.18	0.55	
5	Scheme to reinforce the Government silkfarm at Manair.	0.88	0.70	..	0.10	0.10	0.26	0.19	0.65	
6	Scheme for the establishment of a basic seed farm at Bicknur.	0.84	0.72	..	0.17	0.35	0.06	0.06	0.64	
7	Scheme for strengthening the Government Silk Farm at Salvai.	0.89	0.31	0.30	0.05	..	0.10	0.15	0.33	
8	Scheme for the establishment of Mulberry nursery at Manair.	0.39	0.42	..	0.12	0.08	0.14	0.06	0.40	
9	Scheme for organisation of Farmer's Day in Sericultural areas.	0.06	0.05	..	0.01	0.02	0.01	0.01	0.50	
10	Scheme for organisation of Tassar culture Day in Tassar areas.	0.06	0.04	..	0.01	0.01	0.01	0.01	0.04	
11	Scheme for study tour and training of fresh candidates.	0.33	0.03	..	..	0.01	0.01	0.01	0.03

XII—(Contd.)

(Rupees in lakhs.)

Item	Unit	Physical Targets and Achievements						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Trainees	No.	50	..	6	6	12	12	36
(a) Trainees	No. per year	12	..	..	12	12	12	36
(b) Supply of Cocoons	No.	20,000	..	..	..	10,000	7,000	17,000
(a) Trainees	No. per year	12	..	..	12	12	12	36
(b) Supply of seed Cocoons	No.	20,000	..	..	..	10,000	31,000	41,000
(a) Production of Exi Cocoons	Lbs.	1,000	..	..	268	300	500	1,068
(b) Trainees	No. per year	12	..	..	..	12	12	24
Trainees	Do.	12	..	..	12	12	12	36
Area brought under cultivation	acres	250	..	..	50	5	4	59
Area bought under cultivation	Do.	200	..	..	18	200	50	268
(b) Trainees	No. per year	12	..	3	5	8	8	24
Mulberry grafts supplied	No.	12,000	..	..	6,000	24,500	10,800	41,300
Celebration of farmer's day	No.	3	..	1	1	1	1	4
Celebration of Tassar day	No.	5	..	1	1	1	1	4
Officers deputed	No.	..	..	..	2	2	2	6

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
12.	Scheme for peripatetic demonstration farm in Chinnur area.	..	0.19	..	..	..	0.02	0.12	0.14
13.	Scheme for Sericultural demonstration in Private farms.	0.77	0.09	..	0.09	..	..	..	0.09
14.	Scheme for providing irrigation facilities to G.S.F. Salvai.	..	..	..	..	..	..	..	..
<i>Industrial Co-operatives</i>										
1.	Grants towards reserve fund of industrial co-operatives.	..	..	..	..	..	..	0.50	0.50
2.	Grants towards the cost of technical staff and accounts staff.	..	4.14	..	..	..	0.18	0.30	0.48
3.	Grants towards the cost of supervisory staff of Industrial Co-operatives.	..	..	..	..	..	0.21	0.52	0.73
4.	Grants for introduction of expansion of existing equipment and Plant and tools.	..	..	..	..	..	0.12	0.53	0.65
5.	Loans to Industrial Co-operatives.	..	..	..	..	..	1.88	..	1.88
<i>Handlooms.</i>										
1.	Share capital and working capital loans to primary Weavers Co-operative societies.	24.73	5.58	3.64	0.15	0.31	0.73	0.75	5.59	
2.	Expansion of Marketing Organisation of Apex Society.	3.47	4.01	0.37	0.25	0.99	1.18	1.22	4.01	

(Rupees in lakhs.)

XXII—(Contd.)

Item	Physical Targets and Achievements							Total Achievement during 1956-61
	Achievements during							
	Unit	Target for 2nd plan peri- - od (Revised)	1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
	No specific targets							
	Not implemented							
	No specific targets							
	—do—							
	—do—							
	—do—							
	—do—							
(1) admission of new looms.	No.	3,437	382	500	1,305	500	750	3,437
(2) increase in share capital of members.	No.	5,500	..	..	..	3,000	2,500	5,500
(1) Internal sales depots.	No.	56	3	..	21	18	14	56
(2) Inter-state depots	„	3	..	..	..	..	3	3
(3) Central depots ..	„	1	..	..	..	..	1	1

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expend- iture.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3.	Improvement of techni- ques and organisational expenses.	10.35	9.11	0.99	0.92	1.90	1.75	3.55	9.11
4.	Establishment of Dye factories.	1.31	0.24	0.24	..	..	..	..	0.24
5.	Rebate ..	30.43	75.75	13.43	20.35	22.33	8.84	10.80	75.75
6.	Cumbly Industry	10.94	14.91	1.07	2.54	4.15	2.86	3.89	14.91

(Rupees in lakhs.)

XXII—(Contd.)

Item	Physical Targets and Achievements							
	Unit	Target for 2nd Plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(1) Supply of standard reeds.	No.	500	..	..	..	500	..	500
(2) Supply of reeds & varnished healds.	..	1,000	..	..	1,000	..	..	1,000
(3) Wire healds	..	250	..	..	250	..	..	250
(4) Supply of frame looms.	..	1,500	..	1,500	..	..	..	1,500
(5) Supply of slays	..	491	..	..	300	191	..	491
(6) Supply of Roller temples.	..	1,110	1,110	..	..	..	..	1,110
(7) Supply of Drop boxes.	..	345	345	..	..	..	..	345
(8) Supply of Warping machines.	..	109	19	..	50	40	..	109
(9) Supply of press machines.	..	26	..	..	5	21	..	26
(10) Supply of pattern making Factories.	..	2	..	..	..	..	2	2
(11) Opening of small dye units.	..	32	32	..	..	..	..	32
(12) Training of employees.	No.	200	..	..	..	100	100	200
(13) Quality control (appointment of technical assts).	..	15	..	..	..	..	15	15
Establishment of Modern Dye Units.	No.	1	..	..	1	..	..	1
Rebate	..Rs. in lakhs.	75.75	13.43	20.35	22.33	8.84	10.80	75.75
(1) New looms admitted.	No.	812	..	..	..	322	490	812
(2) Increase in share capital of members	..	550	..	..	..	200	350	550
(3) New societies started.	..	57	20	11	5	7	14	57
(4) Opening of internal depots.	..	10	2	2	4	1	1	10
(5) Opening of Inter-state depots.	..	2	..	..	..	2	..	2

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
7.	Development of Silk Handloom Industry.	7.56	1.23	..	0.03	0.21	0.08	0.96	1.23
8.	Housing colonies for weavers.	3.00	14.90	..	2.11	1.03	7.66	4.10	14.
9.	Co-operative Spinning Mills.	20.00	12.30	..	12.30	..	..	..	12.30

Physical Targets and Achievements

Achievements during

Item	Unit	Target for 2nd Plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(6) Opening of Central depots.	..	1	..	..	..	1	..	1
(7) Supply of fly shuttle looms.	..	85	..	..	50	35	..	85
(8) Supply of Healds & Reeds.	..	255	..	..	..	170	85	255
(9) Supply of Warping machines.	..	10	..	..	10	..	..	10
(10) Supply of Wool Carding machines.	..	18	..	..	..	10	3	18
(11) Starting of Wool carding & Processing Plant.	..	1	..	..	..	..	..	..
(12) Quality control (Appointment of Technical Assistants.)	..	3	..	..	..	3	..	3
(13) Production of rugs and Cumblies.	..	2600000	300000	400000	500000	600000	800000	2600000
(14) Construction of sheds.	No. of sheds.	7	..	..	..	..	7	7
(1) Admission of new looms.	No.	653	..	261	92	200	100	653
(2) Societies started.	..	17	..	17	..	..	..	17
(3) Opening of marketing depots.	..	2	..	..	2	..	..	2
(4) Establishment of Dye Houses.	..	2	1	..	1	..	..	2
(5) Supply of standard reeds.	..	250	..	..	..	..	250	250
(6) Quality control (Appointment of Technical Assistants.)	..	1	..	..	..	..	1	1
Houses to be constructed.	.. No.	550	..	..	..	200	350	550

No Specific targets.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
10.	State participation in the share capital of Apex Societies.	..	9.69	..	3.00	..	..	6.69	9.69
11.	Conversion of 1,500 pit-looms into frame looms.	..	3.27	..	3.27	..	..	..	3.27
12.	Collection of Statistics.	..	0.29	..	..	..	0.02	0.27	0.29
13.	Loans to Apex W.C.S.	..	7.50	..	..	..	7.50	—	7.50
14.	Construction of sheds..	..	1.00	..	..	..	..	1.00	1.00
15.	Subsidy towards Interest on RBI Finance.	0.33	..	..	..	..	..	0.33	0.33
Total for dropped Schemes		..	127.50	..	..	..	..	..	..
Total for Telangana		..	420.15	362.94	36.36	68.13	81.65	72.37	78.68	337.19
Total for Andhra		..	732.08	532.42	57.40	106.34	119.79	129.36	111.57	524.46
Total for Andhra Pradesh		..	1,152.23	895.36	93.76	174.47	201.44	201.73	190.25	861.65

XXII—(Contd.)

(Rupees in lakhs.)

Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd Plan period (Revised)	Achievements during				1960-61	
			1956-57	1957-58	1958-59	1959-60		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

No Specific Targets

do

do

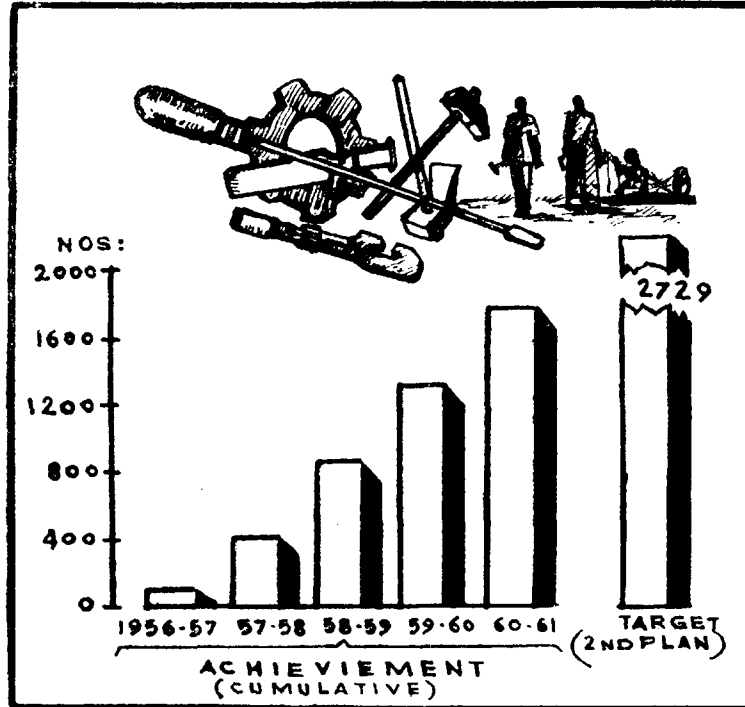
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Sheds constructed .. No. 1 1

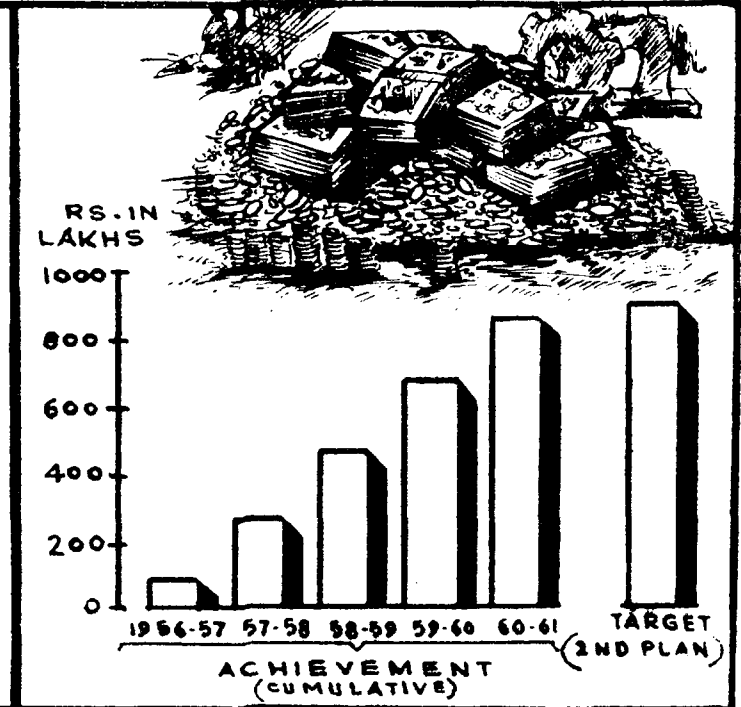
No Specific targets.

Industries

CANDIDATES TRAINED IN VARIOUS VILLAGE & SMALL SCALE INDUSTRIES.



EXPENDITURE ON VILLAGES & SMALL-SCALE INDUSTRIES



CHAPTER XXIII.

Roads.

To wards the development of roads in the State, a sum of Rs. 765.58 lakhs was allotted in the Plan for 1956-61 for expenditure on 492 works. Subsequently 115 more works were included and based on the performance and final requirements, the provision was revised to Rs. 561.34 lakhs. During the period under review, 77 works could not be implemented due to certain technical and other reasons. Thus, 530 works were actually executed which were broadly classified under 14 schemes. On these 14 schemes, a sum of Rs. 586.96 lakhs was spent till the end of March 1961. The important physical achievements during this period are furnished in the following table.

Sl.No.	Item.	Unit.	Achievement	
			Target for 1956-61	during 1956-61
(1)	(2)	(3)	(4)	(5)
1.	New Roads formed (Cement, Black topping, Metalled).	Miles.	844-0	958-4
2.	Improvements to the existing Roads.	„	521-2	511-5
3.	Bridges, etc. constructed.	Cost in lakhs of Rs.	72.19	92.45
4.	Roads upgraded	.. Miles.	1,050	1,050
5.	Grants paid	.. Rs. in	115.00	65.95
6.	State's Share of N.H.No. 5 Diversion Scheme.	5 lakhs. „	34.50	15.89

Details of the progress made in respect of each of the schemes implemented during this period are described below. Statement XXIII appended shows the scheme-wise financial and physical targets and achievements during 1956-61.

ANDHRA.

State Roads (Spill-over works).

A sum of Rs. 30.00 lakhs was provided for the execution of 21 works for the improvement of M. 17 F.3 of existing roads, new formation of M.7 and construction and improvement to bridges and culverts costing Rs. 19.35 lakhs. On all the e works a sum of Rs.27.83 lakhs was spent till the end of the Plan period for the new formation of 5.1 miles and the improvement of 11.2 miles of existing roads besides the construction and improvements to bridges and culverts at a cost of Rs. 22.73 lakhs. The shortfall in expenditure was due to the non-completion of certain works as programmed.

State Roads (New Works).

An amount of Rs. 107.65 lakhs was provided in the State's revised plan for the execution of 271 works to form 57 miles of new roads, 81 M. 5 F. of metalling and 422 M. 2 F. of black topping besides the construction and improvements to bridges and cause-ways at an estimated cost of Rs. 52.84 lakhs. On all these works, a sum of Rs. 183.56 lakhs was spent during the Second Plan period. The achievements were, formation of new roads over a length of 23.7 miles, metalling of 27.0 miles, black-topping of 473.3 miles and construction of bridges and caus -ways costing Rs. 57.49 lakhs.

Upgrading of roads taken over to the Control of Government.

In the Second Five-Year Plan, it was proposed to take over 10.50 miles of District Board roads to the control of the Government. A sum of Rs. 56.29 lakhs was provided for the upgrading of roads taken over from the local bodies and against this, a sum of Rs. 44.86 lakhs was spent till end of March, 1961 and the entire targetted 1,050 miles of roads were taken over to the control of the Government.

Avenues.

Towards the development of avenues a sum of Rs. 2.00 lakhs was provided in the Second Five-Year Plan and a sum of Rs. 1.89 lakhs was spent by the end of March 1961 on this scheme.

Other roads (Spill-over works).

The development of other roads rests with the local bodies. But the expenditure on these road works was shared by the Government, the local bodies and the beneficiaries. In the Second Five Year Plan it was proposed to sanction grants to the extent of Rs. 70.00 lakhs by the State Government to 11 Zilla Parishads in Andhra region for the completion of the incomplete works of P.W.R.D. works. By the end of the Second Plan a sum of Rs. 38.80 lakhs was spent on this scheme.

Other Roads (New works) :

An amount of Rs. 16.00 lakhs was provided in the Second Plan for granting loans to Zilla Parishads on a matching contribution basis with a view to enabling them to take up new works coming under P.W.R.D. schemes. During the Second Plan period, a sum of Rs. 11.39 lakhs was disbursed to the 11 Zilla Parishads. The short fall in expenditure was due to the fact that the matching contributions were not forthcoming from the Zilla Parishads.

Tools and Plant :

In the Second Plan it was proposed to acquire heavy plant and machinery costing Rs. 30.50 lakhs which are necessary for execution of road development schemes. Against this machinery worth Rs. 20.69 lakhs could only be purchased during the Second Plan period due to foreign exchange difficulties.

States Share of National Highways No. 5 Diversion Schemes:

There are 5 National Highways in the Andhra area. These are generally maintained and improved from the funds provided by the Government of India. But in the case of diversion of National Highways No. 5 (Madras Calcutta road) and for construction of bridge across the two arms of Godavari, the State Government has agreed to bear 1/8th of the cost of the scheme plus an amount of Rs. 10 lakhs being the extra cost involved in the construction of bridge with full water ways across the Gowtami branch favoured by the State Government as against the one with restricted waterway suggested by the Government of India. Towards this a sum of Rs. 34.50 lakhs

was provided and against this a sum of Rs. 15.89 lakhs was spent during the Second Plan period. The expenditure represents only 1/8th share.

Roads in village plans :

The construction of new village roads are being developed with the active co-operation of the villagers themselves who contribute a portion of the cost of construction by way of free labour, free gift of land or money, the balance being contributed by the State Government or Local Bodies. Under this scheme block loans were to be given to the Zilla Parishads for implementation of the programme, the selection of works being made on the basis of the matching contributions from the beneficiaries. Towards this a sum of Rs. 29.00 lakhs was earmarked to be disbursed during the Second Plan period and by the end of March, 1960, a sum of Rs. 15.76 lakhs was disbursed to the 11 Zilla Parishads as block grants.

TELANGANA.

Spill-over works :

A sum of Rs. 35.00 lakhs was provided for the execution of 6 works in the Second Plan for the formation of 180- miles of roads. Towards this, a sum of Rs. 30.83 lakhs was spent till the end of the Second Plan period and 126-4 miles of roads were formed and a sum of Rs. 2.12 lakhs was spent on the construction of bridges and culverts. The short fall in expenditure is mainly due to the fact that some of the claims of the contractors are not yet settled.

New Road works :

An amount of Rs. 91.70 lakhs was provided in the Second Plan for the execution of 46 works to form 250 miles of new roads. Of these 8 works were not started and 13 new works for which no provision was made were executed during the plan period. Thus during the Second plan period 51 works were executed and on these works a sum of Rs. 106.30 lakhs, exceeding the plan provision by 16%, was spent and during this period 260-7 miles of roads were formed besides the construction of bridges and culverts at a cost of Rs. 10.11 lakhs...

Dust Proofing Works :

It was proposed in the Second Five Year Plan to black top 40 works at an estimated cost of Rs. 50.00 lakhs. But subsequently 21 more works were included and on all these works a sum of Rs. 82.74 lakhs was spent, thus exceeding the plan provision by 65% and during this period dust proofing over a length of 542.1 miles was completed as against 350- miles envisaged in the plan.

Survey Division :

An amount of Rs. 8.70 lakhs was provided in the Second Five Year Plan towards the cost of establishment of the Survey Divisions for surveying and estimating the new schemes. Against this a sum of Rs. 6.42 lakhs was spent during the plan period and 380 mile of roads were surveyed and in addition to this several field surveys on major and medium bridges were completed by this division.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA.										
1.	State Roads (Spill over works).	44.16	30.00	6.85	10.79	5.76	3.06	1.87	27.83	
2.	State Roads (New works).	165.55	107.65	5.80	14.79	26.20	51.52	85.25	183.56	
		
		
		
3.	Upgrading and maintenance of roads taken over to the control of Government.	62.00	56.29	..	3.79	7.02	12.71	21.34	44.86	
4.	Avenues ..	10.00	2.00	0.80	0.17	0.85	0.50	0.57	1.89	
5.	Other Roads (Spill over works).	98.75	70.00	..	10.11	11.57	12.28	4.89	38.80	
6.	Other Roads (New works).	26.25	16.00	..	0.24	4.44	5.20	1.51	11.39	
7.	Tools and plant ..	30.50	30.50	4.17	2.78	4.34	2.09	7.31	20.69	
8.	State share of N.H.—5 Diversion Scheme.	84.50	34.50	1.80	4.89	3.80	1.45	3.95	15.89	
9.	Roads in village plans ..	75.00	29.00	..	3.51	4.89	7.36	..	15.76	
Total: Andhra ..		546.71	875.94	18.42	51.07	68.37	96.12	126.69	360.67	

Item	Unit	Physical Targets and Achievements						Total Achievements during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
New Construction								
Cement concreting and black topping	} Miles	7-0	1-4	0-3	1-6	1-0	0-4	5-1
Water bound macadam.								
Improvements to existing roads :								
Cement concreting and black topping.	Do.	6-0	..	2-0	..	..	..	2-0
Water bound macadam.	Do.	11-3	2-6	4-4	..	1-4	0-4	9-2
Bridges and causeways.	Rs. in lakhs.	} 19.35	} 4.29	} 10.17	} 4.60	} 2.27	} 1.40	} 22.78
Miscellaneous.	..							
New construction :								
C.C. and B. T.	} Miles	57-0	1-0	6-0	2-7	2-0	12-0	28-7
Water bound macadam.								
Improvement :								
C.C. & B.T.	.. Do.	422-2	40-0	62-4	71-5	149-2	150-0	478-3
Water bound macadam.	Do.	81-5	1-0	6-0	12-0	8-0	..	27-0
Bridges and causeways.	Rs. in lakhs.	} 52.84	} 0.41	} 4.35	} 8.84	} 13.80	} 30.00	} 57.49
Miscellaneous	..							
Upgrading and maintenance of roads.	Miles	1,050	268	192	274	155	161	1,050
Development of avenues	.. Rs. in lakhs.	2.00	0.30	0.17	0.35	0.50	0.57	1.89
Grants to be paid	.. Do.	70.00	..	10.11	11.57	12.23	4.89	33.80
Do.	.. Do.	16.00	..	0.24	4.44	5.20	1.51	11.39
Value of tools to be bought	Do.	30.50	4.17	2.78	4.34	2.07	7.31	20.69
State share	.. Do.	34.50	1.80	4.89	3.80	1.45	3.95	15.89
Grants to be paid	.. Do.	38.40	..	3.51	4.89	7.36	..	15.76

Srl. No.	Name of the Scheme.	Financial Targets and Achievements							Total Expenditure.	
		Second plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
TELANGANA.										
1.	Spill over works	..	28.39	35.00	11.15	7.98	6.80	2.38	2.52	30.83
2.	New Road works	..	141.78	91.70	0.80	2.42	12.10	33.21	57.77	106.30
3.	Dust proofing works	..	40.00	50.00	0.68	3.00	23.50	30.18	25.38	82.74
4.	Survey Division	..	8.70	8.70	..	1.51	1.64	1.72	1.55	6.42
Total: Telangana		..	218.87	185.40	12.63	14.91	44.04	67.49	87.22	226.29
Total for Andhra Pradesh		..	765.58	561.34	31.05	65.98	112.41	163.61	213.91	586.96

(Rupees in lakhs.)

XXIII—(Contd.)

Item	Unit	Target for 2nd plan period (Revised)	Physical Targets and Achievements					Total Achievement during 1956-61
			Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1. New construction :								
(a) C.C. and B.T.	} Miles	180-0	50-0	62-0	4-0	0-4	10-0	126-4
(b) Water bound macadam.		..	..	..	..	1.12	1.00	3.12
2. Bridges and culverts	.. Rs. in lakhs	..	..	..	..	1.12	1.00	3.12
1. New works								
(a) C.C. and B.T.	} Miles	250-0	2-4	20-0	15-7	107-4	115-0	260-7
(b) Water bound macadam.		..	..	..	..	..	..	..
2. Improvements:								
(a) Water bound macadam.	..	..	..	..	..	..	..	..
3. Bridges and causeways	.. Rs. in lakhs.	..	..	..	..	0.11	10.00	10.11
Black topping	.. Miles	350-0	3-4	70-0	172-5	196-0	100-0	542-1
Cost of Division	.. Rs. in lakhs.	8.70	..	1.51	1.64	1.72	1.55	6.42

Development of Tourism

With a view to provide accommodation, transport and recreational facilities at important tourists centres, it was proposed to construct 10 travellers bungalows at places of regional and local importance in the Andhra Region. For this purpose a sum of Rs. 3.71 lakhs was allotted in the plan for 1956-61. During the course of the Plan, it was proposed to construct similar bungalows at important tourist centres in the Telangana Region also and the provision for this development Head was increased to Rs. 7.88 lakhs. Against this, a sum of Rs. 6.24 lakhs was spent till the end of March, 1961. An account of the progress made in respect of these schemes in Andhra and Telangana Regions is given below —

ANDHRA

An allotment of Rs. 3.88 lakhs was made available during 1956-61 for expenditure on schemes designed to effect improvements and construct rest-houses, travellers bungalows etc., in the Andhra Region at places of regional and local importance. But, during this period, only 7 schemes costing Rs. 3.55 lakhs were actually implemented and on these schemes there was an expenditure of Rs. 3.40 lakhs. During the period under review, 4 tourist rest-houses were constructed at Simhachalam, Srisailam, Mahanandi, Ahobilam besides the construction of one circuit house at Horsely Hills, one Lower Income Group house at Amravati and one Upper Income Group house at Lepakshi.

TELANGANA

The plan for the development of tourism in the Telangana Region consisted of 8 schemes involving an amount of Rs. 4.00 lakhs. Against this provision, a sum of Rs. 2.84 lakhs was spent during the plan period for expenditure on the construction of 4 Lower Income Group Rest-Houses at Osmansagar, Bhadrachalam, Alampur and Dharcupuri, 3 Upper Income Group rest-houses at Ramappa, Pakhal and Bhadrachalam and one rest-house at Farhatabad. During the plan period the construction of 4 rest houses were completed.

STATEMENT
TOUR

Srl. No.	Name of the Scheme	<i>Financial Targets and Achievements</i>							<i>Total Expenditure.</i>
		<i>Second Plan Provision</i>		<i>Expenditure incurred in</i>					
		<i>Original</i>	<i>Revised</i>	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA									
1.	Development of tourism .	3.71	3.88	..	0.61	0.94	1.26	0.59	3.40
TELANGANA									
1.	Development of tourism .	..	4.00	..	..	..	0.63	2.21	2.84
Total for Andhra Pradesh ..		3.71	7.88	..	0.61	0.94	1.89	2.80	6.24

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Construction of rest houses	.. No.	7	..	..	3	2	2	7
Do.	..	8	..	..	..	..	4	6

CHAPTER XXIV
ROAD TRANSPORT

A sum of Rs. 359.26 lakhs was provided towards the State's contribution to the Capital account of Andhra Pradesh Road Transport Corporation. During 1959-60 and 1960-61, the Corporation has purchased the targetted 500 vehicles and the entire provision of Rs. 359.26 lakhs was spent. The vehicles purchased were used for the Nationalisation of Road Transport in Krishna and West Godavari Districts in the Andhra Region.

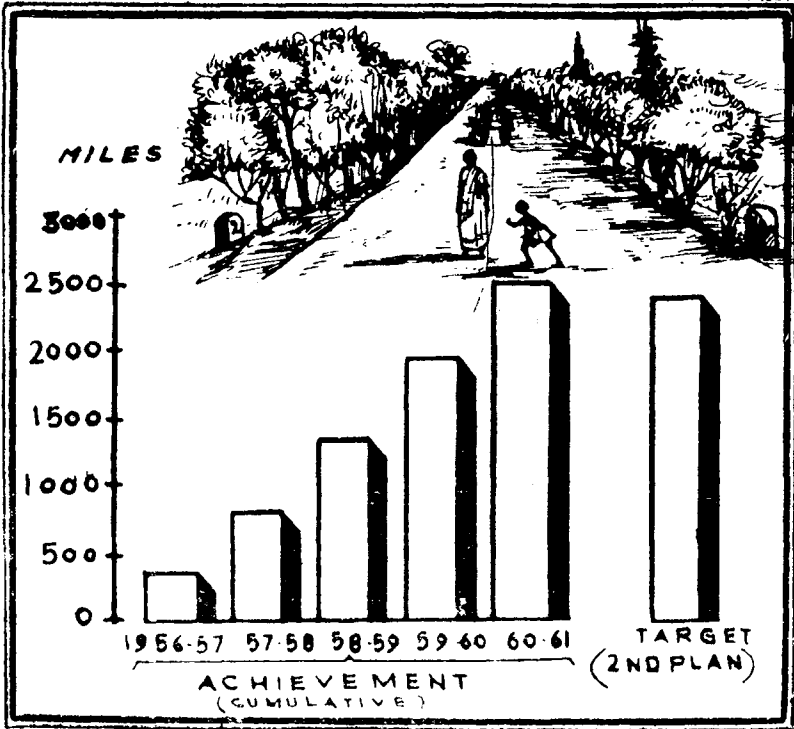
Statement XXV appended will show the financial and physical targets and achievements during the period.

STATEMENT
ROAD

<i>Financial Targets and Achievements</i>										
<i>Sl. No.</i>	<i>Name of the Scheme</i>	<i>Second Plan Provision</i>		<i>Expenditure incurred in</i>					<i>Total Expenditure.</i>	
		<i>Original</i>	<i>Revised</i>	<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1960-61</i>		
<i>(1)</i>	<i>(2)</i>	<i>(3)</i>	<i>(4)</i>	<i>(5)</i>	<i>(6)</i>	<i>(7)</i>	<i>(8)</i>	<i>(9)</i>	<i>(10)</i>	
1.	Road Transport	859.26	..	227.70	20.00	29.83	81.73	359.26

Item	Unit	Target for 2nd plan period (Revised)	Physical Targets and Achievements					Total Achieve- ment during 1956-61.
			Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Vehicles	.. No.	500	..	..	..	200	300	500

Transport ROADS



CHAPTER XXV

EDUCATION

In the development plan for 1956-61 a sum of Rs. 1262.71 lakhs was originally provided for the development of educational programmes in the State. Of this, a sum of Rs. 1043.12 lakhs was allotted for the schemes relating to General Education and the remaining amount of Rs. 219.59 lakhs was allotted for the schemes relating to Technical Education. This provision was subsequently revised to Rs. 1196.60 lakhs on the basis of the final requirements. However, a sum of Rs. 1236.45 lakhs—Rs. 76.46 lakhs in the Andhra Region and Rs. 473.99 lakhs in the Telangana Region was spent during the period under review. Some of the important physical achievements during this period are furnished in the following table :—

Sl. No.	Item	Unit	Target Achievement	
			for 195 - 1961	during 1956-1961
(1)	(2)	()	(4)	(5)
1.	Primary Schools opened.	No.	2,311	5,505
2.	Junior Basic School.	„	500	284
3.	Middle School.	„	130	541
4.	High School.	„	35	381
5.	Grants to Universities	Rs. in lakhs	85.25	94.92
6.	Enrolment of 6-17 age group children	No. in lakhs	5.31	5.50

An account of the progress made in respect of the schemes implemented during 1956-61 is given below. Statement XXV appended shows the scheme wise financial and physical targets and achievements during this period.

General Education

ANDHRA

Elementary Education :

An amount of Rs. 274.04 lakhs was provided in the revised plan for Elementary Education against which an amount of Rs. 302.06 lakhs was spent during the Plan period.

During the Plan period, 16 Pre-Primary Basic Schools, 500 Primary Schools, 500 New Junior Basic Schools, 60 Middle Schools, 5 Post Basic Schools, 5 Basic Training Schools were proposed to be opened. It was also proposed to open a Pre-Primary Basic Teachers Training School convert 1500 Elementary Schools into Junior Basic Training Schools and 100 Higher Elementary Schools into Middle Schools. Other targets envisaged under the Plan were enrolment of 2.19 lakhs children in the age group 6-11 and 0.81 lakh in the age group 11-14, appointment of 5475 additional teachers and 16 Deputy Inspectors of Schools.

During the Plan period, 9 Pre-Primary Basic Schools 1 Pre-Primary Basic Teachers Training School, 2,830 Primary Schools, 284 New Junior Basic Schools, 264 Middle Schools, 1159 Additional Middle School Sections, 2 Post Basic Schools, 7 Basic Training Schools and 4 Special Training Schools for Adult Women were opened. 1,157 Elementary Schools were converted into Junior Basic Schools, 131 Higher Elementary Schools into Middle Schools and 9 ordinary Training Schools into Basic Training Schools. 3.95 lakhs additional children in the 6-11 age group and 0.37 lakh children in the 11-14 age group were enrolled. 1,475 Additional Teachers, 170 Deputy Inspectors of Schools, 215 Clerks and Typists and 6 District Educational Officers were also appointed.

During 1960-61, 967 New Elementary Schools and 105 New Middle Schools were opened and the institutions already opened during the first four years were maintained. 59 Higher Elementary schools were converted into Middle Schools. 22,469 pupils of 6-11 age group and 5,000 pupils of 11-14 age group were additionally enrolled. One new

basic training school was opened at Gandhipuram, (Krishna district) and the Urdu Training Sections attached to the Government Muslim High Schools for Men, Guntur and Kurnool were organised into separate training schools. Five Junior Sections of Higher Elementary grade training were also revised in 4 Government Training Schools for Men. The entire subordinate Inspectorate in the State was re-organised on the basis of one Deputy Inspector's Office for each block with separate offices for urban areas and for Urdu Schools. 73 Senior Deputy Inspectors, 72 Lower Division Clerks, 15 Typists and 126 attenders were appointed during 1960-61. With a view to establish one Government Middle School for Girls at every taluk headquarters not provided with such a school already, 5 new Government Middle Schools for Girls were opened at Dhone, Parvathipur, Chodavaram, Madakasira and Kothapet (E.G. Dist.). A scheme for the supply of mid-day meals was introduced in each samithi area in 5 to 10 villages in each block. The existing rates of stipends to the Secondary Grade and Higher Elementary Grade trainees in Andhra (*Viz.*, Rs. 18 and Rs. 12 p.m. respectively) were enhanced to Rs. 35 and Rs. 30 p.m. respectively so as to be on a par with the rates obtaining in the Telangana region.

Secondary Education :

Against a revised plan provision of Rs. 142.82 lakhs for Secondary Education, a sum of Rs. 154.36 lakhs was spent during the Plan period.

During the Plan period, it was proposed to open 20 High Schools, 2 Training Colleges and 620 Additional Sections in High Schools. It was also proposed to enroll 28,700 additional children in the age group 14-17, convert 15 High Schools into Multipurpose Schools and 30 High Schools into Higher Secondary Schools, besides appointing one Regional Deputy Director of Public Instruction and one Inspectress of Girl's Schools. During the Plan period as many as 217 High Schools, 593 Additional Sections in High Schools and 2 Training Colleges were opened. The number of pupils in the 14-17 age group decreased by 9192. 79 High Schools were converted into Higher Secondary Schools. One Deputy Director of Public Instruction and one Inspectress of Girl's Schools were appointed during 1957-58 and 1958-59 respectively.

During 1960-61, 89 new High Schools and 186 new sections were opened besides continuing the institutions opened during the first four years. 39 schools were upgraded into higher secondary schools. The certificate courses for teachers of upgraded high schools were conducted as usual and 79 candidates were trained in the Andhra and the Venkateswara Universities. The administrative set-up in the offices of the Regional Deputy Directors of Public Instruction and the District Educational Officers was standardised and the staff in each of the Regional Deputy Director's Offices was strengthened by the appointment of 1 Manager, 2 U.D.Cs. and 1 L.D.C. The M.Ed. course was introduced in the Government Training College, Kurnool.

University Education :

Against a revised plan provision of Rs. 104.82 lakhs for University Education, an amount of Rs. 100.02 lakhs was actually spent during the Plan period.

During the Plan period it was proposed to distribute Rs. 45.00 lakhs as grants to the two Universities in the Region. Two new Colleges for Women were opened in 1958-59 and an amount of Rs. 54.96 lakhs was distributed as grants to the Universities.

During 1960-61, the two Colleges opened in 1958-59 were maintained and Rs. 4.00 lakhs was disbursed as grants to the Universities. (Rs. 1.00 lakh to Andhra University and Rs. 3.00 lakhs to the Sri Venkateswara University). An amount of Rs. 4.01 lakhs was spent for the construction of additional buildings for Government Arts Colleges at Kurnool, Srikakulam, Kakinada and Vijayawada while Rs. 0.97 lakh was distributed as building grants to aided Arts Colleges.

Other Educational Schemes :

An amount of Rs. 48.28 lakhs was provided in the revised plan for other educational schemes out of which an amount of Rs. 47.68 lakhs was spent during the Plan period.

During the Plan period, it was proposed to start 1 Vocabulary Research unit and appoint 5 Physical Education Instructors. The Research Unit was started and

3 Physical Education Instructors were appointed. In addition, 2 District Social Education Officers were appointed and one unit for propagation of Hindi and one Planning and Statistical unit were established.

TELANGANA

Elementary Education.

An amount of Rs. 193.13 lakhs was provided in the Revised Plan for Elementary Education. Against this an amount of Rs. 203.39 lakhs was spent during the Plan period.

During the Plan period it was proposed to open 1,795 Primary Schools, 70 Middle Schools and 590 Additional Middle School Sections and appoint 4,320 Additional Teachers and 30 Dy. Inspectors of Schools; Enrolment of 1,73,000 additional children in the age group 6-11 and 23,600 in the age group 11-14 was also envisaged. Actually, 2,666 Primary Schools, 277 Middle Schools and 534 Middle School Sections were opened. 3,737 Additional Teachers, 59 Deputy Inspectors of Schools and 205 Clerks and Typists were appointed. 85,208 additional children in the age group 6-11 and 26,360 children in the age group 11-14 were enrolled. 32 Basic Training Schools and 2 Special Training Schools for adult women were also opened. 399 Elementary Schools were converted into Junior Basic Schools.

During 1960-61, 865 primary schools, and 171 middle schools, 209 middle school sections and 12 basic training schools at Begumpet, Vicarabad, Mudhole, Balkonda, Suryapet, Yellandu, Zahirabad, Gadwal, Mahboobabad, Narasaraopet, Huzurabad and Jagtial were opened besides maintaining the Institutions opened in the first 4 years of the Plan. 10,000 additional pupils in the age group 6-11 and 5,000 pupils in the age group 11-14 were enrolled during the year. The Subordinate Inspectorate was re-organised on the basis of one Deputy Inspector's Office in each block with separate offices for urban areas.

A scheme for mid-day meals was introduced in each samithi area in 5 to 10 selected villages in each block. 2,002 untrained teachers were deputed for training at Government cost.

Secondary Education.

An amount of Rs. 111.83 lakhs was provided in the Revised Plan for Secondary Education against which an expenditure of Rs. 118.88 lakhs was incurred during the Plan-period.

The physical targets envisaged for the Plan period were opening of 15 High Schools and 145 Additional Sections in High Schools, conversion of 10 High Schools into Multipurpose Schools and enrolment of 5,800 additional pupils in the age group 14-17. During the Plan-period, 164 High Schools and 305 Additional Sections in High Schools were opened. 16,044 pupils belonging to the 14-17 age group were additionally enrolled. 9 High Schools were converted into Multipurpose Schools and 14 High Schools into Higher Secondary Schools. One Training College was opened. One Regional Deputy Director of Public Instruction and 2 Inspectresses of Girls Schools were appointed. Thus the targets envisaged under Secondary Education for the Plan-period have exceeded.

During 1960-61, 49 high schools and 107 additional sections were opened, besides the institutions opened during the first 4 years of the Plan were maintained. 9 high schools were upgraded into higher Secondary schools. The Certificate courses for teachers were conducted as usual and 135 candidates were trained at the Osmania University during the year. A sum of Rs. 2.93 lakhs was disbursed as building grants to aided secondary schools. A sum of Rs. 2.00 lakhs was also spent for the improvement of teaching of core subjects in selected high schools. In connection with the reclassification of Secondary Schools according to the Andhra Pattern, (*viz.* High Schools and Middle Schools). 205 posts of Grade I Pandits were created and distributed among the deserving High Schools. The administrative-set-up in the Offices of the Regional Dy. Director Public Instructions and the D.E.Os. was standardised in the light of certain delegation of powers proposed to be made to them and each of the Regional Dy. Directors in Hyderabad and Warangal was sanctioned additional staff consisting of 1 Manager and 3 U.D.Cs. besides an additional L.D.C. and an Attender to the Hyderabad Office. The Hindi Pandits Training Course was started at the Government Training College, Hyderabad.

University Education.

The Revised Plan provision of Rs. 56.89 lakhs was over spent during the Plan-period, the actual expenditure during the period being Rs. 57.40 lakhs.

During the Plan period, 1 new College for men and 2 new Colleges for women were opened and an amount of Rs. 39.96 lakhs was disbursed as grants to the Osmania University.

During 1960-61 the Osmania University was given a grant of Rs. 6.50 lakhs. Besides a sum of Rs. 1.94 lakhs was spent towards the development of the Nagarjuna Government College, Nalgonda and a sum of Rs. 0.05 lakh was spent towards the payment of teaching grant to the St. Francis College for Women, Secunderabad, started during 1959-60.

Other Educational Schemes.

An amount of Rs. 46.97 lakhs was provided in the Revised plan for other educational schemes out of which a sum of Rs. 40.42 lakhs was spent during the Plan-period.

During the Plan-period, 2 District Social Education Officers were appointed and a College of Physical Education was opened. A unit for the introduction of compulsory education was also started.

During 1960-61 an amount of Rs. 3.12 lakhs was spent towards the expansion of N.C.C. and A.C.C., a sum of Rs. 2.95 lakhs for the development of schools for the physically handicapped, and a sum of Rs. 2.94 lakhs for the expansion of the library movement.

Technical Education.**ANDHRA***Development of Engineering College, Kakinada.*

This is a spill over scheme from the First Plan with a Revised Plan provision of Rs. 21.30 lakhs. Under this scheme, it was proposed to construct permanent buildings for this College. An amount of Rs. 20.44 lakhs was actually spent during the Plan period. The construction of building was completed by the end of 1960-61

Development of Engineering College, Anantapur.

An amount of Rs. 13.54 lakhs was provided in the revised Plan for the construction of permanent buildings for the Engineering College, Anantapur. The total expenditure on this Scheme during the Plan period amounted to Rs. 12.92 lakhs. The construction of buildings was completed during 1959-60.

Development of Andhra Polytechnic, Kakinada.

This a spill-over scheme from the First Plan for which an amount of Rs. 3.68 lakhs was provided in the Revised Plan. This provision was intended for the purchase of equipments for the institution. An amount of Rs. 3.35 lakhs was spent on the purchase of equipments during the period from 1956-57 to 1959-60.

Development of Ceramic Institute, Gudur.

A provision of Rs. 0.23 lakh was made in the revised plan for this scheme in order to improve the instructional facilities at this Institute by purchasing equipments and improving the accommodation. This scheme was implemented only in 1960-61 and equipments to the extent sanctioned by the Government was purchased at a cost of Rs. 0.02 lakh.

Development of Vuyyuru Polytechnic.—

The object of this scheme was to equip the various laboratories and workshops of the institute with plant and machinery and shift it from Vuyyuru to Vijayawada. Against the Revised plan provision of Rs. 13.24 lakhs. an amount of Rs. 21.76 lakhs was spent during the plan period. Necessary equipment was purchased and the construction of buildings, necessary for the shifting of the institute to Vijayawada, was completed. Sixty students were additionally admitted during each of the years 1959-60 and 1960-61.

Establishment of Government Polytechnic, Vishakapatnam.

An amount of Rs. 21.00 lakhs was provided in the Revised plan for the establishment of a Polytechnic at Vishakapatnam. This institution was started in 1956-57

and an amount of Rs. 19.52 lakhs was spent during the Second Plan period on this scheme. The construction of buildings was completed and 100 students per year were admitted in the institution during the plan period.

Establishment of S.V. Government Polytechnic, Tirupathi.

An amount of Rs. 22.22 lakhs was provided in the Revised Plan for the establishment of a Polytechnic at Thirupathi. The expenditure during the Plan period amounted to Rs. 20.36 lakhs. This institute was started in 1957-58 and buildings were purchased from the Tirupathi Devasthanam at a cost of Rs. 9.56 lakhs. One twenty students were admitted to the institute during each of the years 1957-58 and 1958-59 and admissions were increased to 180 during the subsequent two years.

Diploma Courses in Engineering College, Kakinada.

(Now transferred to Vuyyuru and Tirupathi Polytechnics) :

The Engineering College, Kakinada was conducting 2½ years Compressed Diploma Course in Engineering till 1956-57. This course was discontinued since 1957-58 and converted into the regular 3 year Diploma Course. The 120 seats for this course were equally distributed between Vuyyuru and Tirupathi Polytechnics since 1957-58. An amount of Rs. 3.07 lakhs was provided in the Revised Plan and the entire provision was utilised during the Plan period.

Diploma Course in the Engineering College, Anantapur.

Consequent on the abolition of the 2½ years Compressed Diploma Course in the Engineering College, Anantapur, an attached Polytechnic was established with the 3 Year Diploma Course in Engineering. An amount of Rs. 10.50 lakhs was provided in the Revised Plan for the polytechnic against which an amount of Rs. 9.44 lakhs was spent during the plan period. The construction of permanent buildings for this polytechnic was almost completed by the end on March 1961. The institution started functioning in 1957-58 and 120 students were admitted in each of the 4 years.

Introduction of Telecommunications course in the Engineering College, Kakinada.

During 1958-59 the Telecommunication Course at the Degree level was started at the Engineering College Kakinada with an annual intake of 30 students. An amount of Rs. 5.31 lakhs was provided in the Revised Plan for this purpose against which a sum Rs. 4.01 lakhs was spent during the Plan-period. The procurement of equipment and the construction of additional block to accommodate the laboratories and class rooms were completed.

Introduction of Pre-professional Courses in the Engineering Colleges Kakinada and Anantapur.

As a result of changes in the pattern of Secondary and University education, pre-professional courses were introduced in the Engineering Colleges at Kakinada and Anantapur in 1958-59. It was therefore proposed to provide additional accommodation and staff at both places. Construction of buildings was already completed. The annual admissions into these courses is 120 in each of the College at Anantapur and Kakinada.

Out of the Revised Plan provision of Rs. 4.29 lakhs an amount of Rs. 4.06 lakhs was spent during the Plan period.

Establishment of Polytechnic, Guntur.

At the instance of the Government of India, this scheme was included in the Plan for 1960-61 although it was originally intended to start this institute in the Third Five-Year Plan. The annual admission of students in this institute is 120.

An amount of Rs. 3.00 lakhs was provided out of which an amount of Rs. 1.57 lakhs was spent during the Plan-period.

Establishment of polytechnics at Nellore and Nandyal.

These two polytechnics were included in the Plan for 1960-61 on account of the insistent demands of the public, though they were not included in the original Plan. The annual intake capacity of each of these institutions is 120. A provision of Rs. 3.00 lakhs for each institute was made

but only an expenditure of Rs. 1.69 lakhs and Rs. 1.48 lakhs was incurred in respect of the institutes in Nellore and Nandyal respectively towards staff and purchase of equipment. The short fall was mainly due to the non receipt of bulk of the equipment ordered for.

Establishment of two Junior Technical Schools.

The Central Working group on technical education have recommended the establishment of three Junior Technical Schools in the State, of which 2 were proposed to be located in the Andhra Region and the other in the Telangana Region. The two schools proposed for Andhra area were attached to the existing polytechnics at Kakinada and Tirupathi. An amount of Rs. 4.00 lakhs was provided in the plan to meet the cost of additional staff, equipment and building, but only an amount of Rs. 0.66 lakh was spent. The shortfall was mainly due to the non-receipt of the bulk of the equipment ordered for and delay in the construction of building.

Centrally sponsored schemes.

Establishment of Mining Institute, Gudur.

The Mining Institute at Gudur was established in 1957-58 with an intake capacity of 40 students per year for the 3 year diploma course in Mining Engineering. Construction of building for the permanent location of this institute was completed. The entire cost both recurring and non-recurring was borne by the Central Government. The entire plan provision of Rs. 0.20 lakh towards states share was spent.

Expansion of Andhra Polytechnic, Kakinada.

Under the scheme for the expansion of Andhra Polytechnic, Kakinada, 60 additional seats were provided during 1957-58 as per the recommendations of the Ghosh-Chandra Kant Committee Report. The entire non recurring cost on buildings and equipment under the scheme was met by the Government of India in addition to agreed proportion of the recurring expenditure tapering percentages. Out of a plan provision of Rs. 0.65 lakhs towards State's share, an amount of Rs. 0.59 lakh was spent. The construction of buildings and the procurement of equipment were completed.

Expansion of Government Polytechnic, Vishakhapatnam.

A similar scheme for the creation of 80 additional seats was implemented at Vishakhapatnam Polytechnic during 1957-58. The entire non-recurring expenditure of the scheme was borne by the Central Government in addition to a part of the recurring cost. Out of the Revised Plan provision of Rs. 0.69 lakh towards the States share, an amount of Rs. 0.54 lakh was spent during the plan period. Construction of building and procurement of equipments were completed during this period.

Sandwich Course at Hindustan Ship Yard Ltd., Vizag.

This scheme envisages sandwich system of training of supervisory personnel alternating theoretical instruction with practical work in the factories at convenient intervals. This scheme was started in 1960-61 with the Co-operation of the Hindustan Shipyard Ltd., Vizag. An amount of Rs. 0.04 lakh was spent and the targetted number of 30 persons were admitted to the training course.

Starting a new Polytechnic at Proddutur.

A new polytechnic with an annual intake capacity of 120 students was started during 1959-60 at Proddutur to meet the growing demand for supervisory personnel. An amount of Rs.3.57 lakhs was provided in the Revised Plan towards State's share and out of this an expenditure of Rs. 2.55 lakhs was incurred. The construction of buildings and the procurement of equipment were almost completed.

Other Schemes*Grant-in-Aid to non-Government. Technical Institutions.*

Under this scheme, it was proposed to sanction grants to the technical institution both at the degree and diploma levels started by the Universities or in the private sector. The Andhra University and the Venkateswara University have started one Engineering College each in the year 1956-57 and 1959-60 respectively. Besides, one polytechnic was also started in the year 1958-59 at Tanuku. The State Government have to bear the non-recurring expenditure and a quarter of the

net deficit recurring expenditure. The entire commitment in regard to the non-recurring expenditure as already been made over by Government and the recurring expenditure also has been paid by the Government during the year 1960-61. Against a Revised Plan provision of Rs. 25.96 lakhs an amount of Rs. 27.01 lakhs was spent during the Plan-period.

Loan Scholarships.

This scheme was intended to grant loan scholarships to deserving students studying in the Engineering Colleges and Polytechnics to be repaid in convenient instalments after the completion of the course. This scheme was implemented in the year 1960-61 and the entire provision of Rs. 1.50 lakhs was spent.

Improvement of Government M.R. Collge of Music, Vijayanagaram.

An amount of Rs. 0.87 lakh was provided in the Revised Plan towards the purchase of additional musical instruments and salaries of staff. A sum of Rs. 0.85 lakh was spent during the Paln period.

Establishment of Government College of Music, Vijayawada

An amount of Rs. 0.80 lakh was provided in Revised Plan for the establishment of the music college. This College was established during 1959-60 and an amount of Rs. 0.49 lakh was spent during the two years 1959-60 and 1960-61.

TELANGANA

Development of Government Polytechnic, Hyderabad.

This is a spill-over scheme form the first Five Year Plan under which purchase of equipment and construction of buildings were completed. An amount Rs. 4.59 lakhs was provided in the Revised Plan for purpose, and out of this a sum of Rs.3.70 lakhs was spent during the Plan period.

Government Polytechnic, Warangal.

Towards the construction of permanent buildings and purchase of equipment for the Government Polytechnic, Warangal, started in 1955-56, an amount of Rs. 16.03 lakhs was provided in the Revised Plan, against which

an amount of Rs. 13.56 lakhs was spent during the Plan period. Out of this, a sum of Rs. 2.36 lakhs was spent during 1960-61 for completing the construction of buildings and purchase of equipment for laboratories and workshops. The annual intake capacity of the institution is 120 and during the Plan period the targetted 480 pupils were admitted.

Establishment of Mahabubnagar Polytechnic.

The institution was started in 1956-57 in the private sector by the contribution of the Public. Since the management have expressed their inability to continue this institution, the Government have taken it over in 1958-59. An amount of Rs. 10.71 lakhs was provided in the Revised Plan for the construction of buildings, purchase of equipment and maintenance of staff. The expenditure incurred during the plan period amounted to Rs. 11.92 lakhs. The construction of buildings and the procurement of equipment has almost been completed. The annual intake capacity of the institution is 120, and during the Plan period, the targetted 520 candidates were admitted.

Establishment of Junior Technical School, Secunderabad.

Under this scheme, it was proposed to convert the existing boys Technical High School at Secunderabad in a Junior Technical School by utilising the existing facilities of staff, equipment and accommodation and supplementing these facilities to the extent necessary. Against a provision of Rs. 2.00 lakhs, an amount of Rs. 0.52 lakh was spent during the period and 60 students were admitted to the School.

Centrally Sponsored Schemes.

Establishment of Mining Institute, Kothagudem.

During the year 1957-58 a Mining Institute was established at Kothagudem with an intake capacity of 40 students offering courses in Mining Engineering of 3 years duration at the diploma level. The entire cost of of this scheme both in respect of recurring and non-recurring was borne by the Government of India according to the Revised pattern of central assistance. As such the original Second Plan provision representing the State's share was reduced from Rs. 3.00 lakhs to Rs. 0.23 lakh

An expenditure of Rs. 1.41 lakhs was however incurred on this scheme. The construction of permanent buildings for this institute was completed.

Expansion of Government Polytechnic, Hyderabad:

As per the recommendations of the Ghosh-Chandra-kant Committee Report, a scheme for the expansion of the Government Polytechnic at Hyderabad was taken up for implementation in 1957-58 under which the Government of India bear the entire non-recurring expenditure in tapering proportion. Under this scheme, a new course in Telecommunication Engineering at the diploma level was started with an annual intake capacity of 30 students and additional seats were provided in other branches of Engineering. On the whole 110 additional seats were created per year from 1957-58. An amount of Rs. 1.18 lakhs was provided in the Revised Plan for this scheme against which an amount of Rs. 0.95 lakh was spent during the Plan period. The construction of additional permanent buildings for this institution was completed.

Starting of New Polytechnic, Nizamabad :

With a view to meet the growing demand for technical personnel, it was proposed to start a New Polytechnic at Nizamabad. With an intake capacity of 120 students offering 3 year diploma courses in the three branches of Engineering *i. e.*, Civil, Mechanical and Electrical. 50% of the cost of the scheme, both in respect of recurring and non-recurring expenditure was borne by the Central Government.

An amount of Rs. 3.58 lakhs was provided for expenditure on this institution against which an amount of Rs. 3.67 lakhs was spent during the Plan period. The targetted 240 candidates were admitted during the last two years of the Plan.

Other Schemes.

Grants-in-aid to Non-Government Technical Institutions :

Under this scheme, it was proposed to give grants-in-aid to non-Government Technical Institutions started in the private sector by educational trusts *viz.*, Hyderabad Polytechnic and Wanaparty Polytechnic and also to the Osmania University towards the the state's share in

expenditure for the expansion of the Osmania University Engineering College. A provision of Rs. 6.10 lakhs was made in the Revised Plan for this scheme against which a sum of Rs. 6.12 lakhs was spent during the Plan period. The targetted additional intake capacity of 1,340 students in these institutions was achieved, during the Plan period.

Grant-in-aid to the Regional Engineering College, Warangal .

The Regional Engineering College at Warangal was established during the year 1959-60 as a centrally sponsored institution. Under the terms of the agreement, the State Government had to make available land measuring about 250 acres for the establishment of this institution. In addition, the State Government had to bear 50% of the recurring cost while the rest of the recurring expenditure and non-recurring expenditure was borne by the Central Government for the first 5 year of the implementation of this scheme. A provision of Rs. 7.00 lakhs was made in the Revised Plan for this scheme out of which an amount of Rs. 6.29 lakhs spent during the Plan period. The intake capacity of the institution is 250 per year and the admissions are made on All-India basis.

Administration—Directorate of Technical Education :

As a result of the increased work load of the department subsequent on the implementation of plan schemes necessity arose for the expansion of the Directorate of Technical Education. An amount of Rs. 3.47 lakhs was provided in the Revised Plan for the additional staff against which only an amount of Rs. 1.32 lakhs was spent.

Provision of Scholarships :

An amount of Rs. 0.91 lakh was provided in the Revised Plan for granting scholarships to deserving students in the technical institutions. The expenditure during the Plan period amounted to Rs. 0.80 lakh.

Development of Government College of Fine Arts, Hyderabad :

An amount of Rs. 1.58 lakhs was provided in the Revised Plan for the purchase of equipment for this institution. An expenditure of Rs. 0.72 lakh was incurred during the Plan period towards the cost of equipment.

Branch School of Music and Dance :

An amount of Rs. 0.46 lakh was provided in the Revised Plan for the development of branch school of music and dance. The expenditure during the Plan period amounted to Rs. 0.45 lakh and the targetted 315 students were admitted to the Institution during the Plan period.

Upgrading of Government school of Music and Dance, Hyderabad :

Though only an amount of Rs. 0.20 lakh was provided in the Revised Plan for upgrading the institution to a College status, an amount of Rs. 1.00 lakh was actually spent during the Plan period, out of which an amount of Rs. 0.85 lakh was spent for the purchase of buildings for the institution during 1959-60. During the plan period the targetted 130 students were admitted.

Domestic Science training College, Hyderabad :

An amount of Rs. 1.18 lakhs was provided in the Revised Plan for the purchase of equipment for the institution. The provision was utilised in the first three years of the Plan itself and the necessary equipment was purchased.

Development of Archaeology :

Against Revised provision of Rs. 0.63 lakh for the development of Archaeology, an expenditure of Rs. 0.30 lakh was incurred during the Plan period.

Award of Scholarships : (Andhra)

This is one of the new scheme included in the Plan during 1960-61. The entire provision of Rs. 0.27 lakhs provided for award of scholarships was utilised by the end of 1960-61.

Financial Targets and Achievements

EXPENDITURE INCURRED IN

Srl. No.	Name of the Scheme	Original Plan provi- sion	Second Plan provision (Revised)	EXPENDITURE INCURRED IN					Total
				1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(5)	(7)	(8)	(9)	(10)

General Education.

ANDHRA

1. Elementary Education ..	389.58	274.04	4.07	16.28	65.59	105.27	110.65	302.06
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Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd plan period (Revised)	Achievements during				1960-61	
			1956-57	1957-58	1958-59-	1959-60		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Opening of Pre-Primary/Basic schools or Sections.	No.	16	..	4	4	1	..	9
(b) Opening of Pre-Primary/Basic Teachers, Training schools.	..	1	..	1	..	..	..	1
(c) Enrolment of 6-11 age group children.	..	2,19,000	1,28,003	1,23,099	51,088	69,349	22,469	3,94,608
(d) Appointment of additional teachers.	..	5,475	85	395	567	295	133	1,475
(e) Opening of Primary Schools.	..	500	100	210	771	782	967	2,830
(f) Opening of new Junior Basic Schools.	..	500	..	200	84	..	..	284
(g) Conversion of Elementary Schools into J.B. Schools.	..	1,500	..	599	300	258	..	1,157
(h) Establishment of Education Survey Unit.	1	..	..	..	1
(i) Enrolment of 11-14 age group Children.	..	80,950	8,384	(-)-777	7,946	16,388	5,000	36,941
(j) Opening of Middle Schools.	..	60	19	33	70	37	105	264
(k) Opening of additional Middle School Sections.	..	1,710	251	177	165	222	344	1,159
(l) Conversion of Higher Elementary Schools into Middle Schools.	..	100	17	8	36	11	59	131
(m) Opening of Post-Basic Schools.	..	5	..	1	..	1	..	2
(n) Opening of Basic Training Schools.	..	5	3	..	..	3	1	7
(o) Conversion of ordinary training schools into Basic Training Schools	4	5	..	9
(p) Opening of Special Training Schools for Adult Women.	2	2	..	..	4
(q) Appointment of Deputy Inspector of Schools.	..	16	..	..	82	15	73	170
(r) Appointment of additional Clerks and Typists.	80	24	24	87	215
(s) Appointment of District Educational Officers.	2	..	4	..	6

Srl. No.	Name of the Scheme.	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
2.	Secondary Education ..	158.64	142.82	13.84	9.06	31.21	66.02	34.23	154.36
3.	University Education ..	60.31	104.82	0.90	13.34	30.96	39.08	13.74	100.02
4.	Other Educational Schemes.	52.04	48.28	1.38	7.43	13.81	12.50	12.76	47.68
Total ..		610.57	569.96	20.19	48.11	141.57	222.67	171.58	604.12

Item.	Unit.	Physical Targets and Achievements						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Enrolment of 14-17 age group children.	„	28,700	(—)	(—)	(—)	2,975	5,740	9,192
			9,337	7,609	961			(—)
(b) Opening of High Schools	„	20	12	5	58	53	89	217
(c) Opening of Additional sections in High Schools.	„	168	128	55	72	152	186	593
(d) Conversion of High Schools into M.P. Schools	„	15	..	..	..	..	..	..
(e) Conversion of high schools into Hr. Secy. Schools	„	30	..	28	10	7	39	79
(f) Opening of Training Colleges.	„	2	2	..	..	..	..	2
(g) Establishment of Extension Service Departments.	„	..	..	..	2	..	..	2
(h) Appointment of Regional Dy. D.P.I.	„	1	..	1	..	..	..	1
(i) Appointment of Inspector of Girls Schools	„	1	..	..	1	..	..	1
(j) Establishment of Educational and Vocational Guidance Bureau.	„	1	..	..	1	..	..	1
(k) Opening of new Women's Colleges	„	..	..	..	2	..	..	2
(b) Development grants to Universities.	Rs. in lakhs.	45.00	..	12.00	17.00	21.95	4.00	54.95
(a) Establishment of Vocabulary Research Unit.	„	..	1	1	..	..	..	1
(b) Appointment of District Social Educational Officers.	„	..	..	..	2	..	..	2
(c) Appointment of Physical Education Inspectors	„	5	..	3	..	..	..	3
(d) Establishment of an Unit for the propagation of Hindi.	„	..	..	..	1	..	..	1
(e) Establishment of a Planning and Statistical Unit.	„	..	..	1	..	..	..	1

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expe- diture
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	

TELANGANA

1. Elementary Education	182.39	193.13	2.60	8.70	37.21	69.86	85.02	208.31
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2. Secondary Education	113.96	111.83	0.94	10.84	26.68	39.27	41.15	118.83
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Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Opening of Pre-primary Basic Teachers' Trg. Schools.	..	..	..	..	..	1	..	1
(b) Enrolment of 6-11 age group children.	..	1,73,000	33,343	10,353	41,206	77,698	10,000	85,208
(c) Appointment of additional teachers.	..	4,320	537	1,166	1,135	864	35	3,737
(d) Opening of Primary Schools.	..	1,795	315	362	476	648	865	2,669
(e) Conversion of Elementary schools into J.B. Schools.	..	595	116	122	62	99	..	899
(f) Enrolment of 11-14 age group children.	..	23,600	2,501	618	7,468	10,773	5,000	26,360
(g) Opening of Middle schools	..	70	10	20	45	31	171	277
(h) Opening of additional middle school sections.	..	590	..	157	118	50	209	534
(i) Opening of Basic Training Schools.	..	..	..	..	7	13	12	2
(j) Opening of Special Training Schools for adult Women.	..	..	..	..	1	1	..	2
(k) Appointment of Dy. Inspector of Schools.	..	30	..	12	13	25	9	5
(l) Appointment of Additional Clerks and Typists	..	..	..	99	24	10	72	205
(a) Enrolment of 14-17 age group children	No.	5,800	4,648	1,228	6,182	2,826	1,160	16,044
(b) Opening of High Schools	No.	15	2	4	86	23	49	164
(c) Opening of additional sections in High Schools	No.	145	2	42	57	97	107	305
(d) Conversion of High Schools into M. P. Schools	No.	10	..	3	2	4	..	9
(e) Conversion of High Schools into Higher Secondary Schools	No.	..	..	..	..	5	9	14

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in					1960-61	
		Original	Revised	1956-57	1957-58	1958-59	1959-60			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
3.	University Education ..	59.75	56.89	4.21	8.41	21.14	15.15	8.49	57.4	
4.	Other Educational Schemes.	76.45	46.97	..	5.54	10.68	12.06	12.14	40.44	
	Total ..	432.55	408.32	7.75	33.49	95.71	136.34	146.80	420.00	
	Total for Andhra Pradesh ..	1,043.12	978.28	27.94	81.60	237.28	359.01	318.38	1,024.21	
<i>Technical Education</i>										
ANDHRA										
<i>Joint Schemes</i>										
1.	Development of Engineering College, Kakinada, (Buildings).	14.00	21.30	7.67	6.36	4.27	1.377	0.767	20.44	
2.	Development of Engineering College, Anantapur (Buildings).	18.00	13.54	7.44	3.78	1.65	0.468	(-)0.419	12.91	

Item	Unit	Physical Targets and Achievements						Total Achiev- ment during 1956-61.
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(f) Opening of Training Colleges.	No.	..	..	..	..	1	..	1
(g) Establishment of Extension Service Depts.	No.	..	..	..	2	..	..	2
(h) Appointment of Reg. Dy. D.P.I.s.	No.	..	..	..	1	..	..	1
(i) Appointment of In-spectress of Girls Schools.	No.	..	..	..	2	..	..	2
(j) Establishment of addl. sections in the commissioner for Govt. Examinations Office.	No.	2	..	1	1	..	..	2
(a) Opening of new Women's Colleges.	No.	..	..	..	..	1	1	2
(b) Opening of new Men's Colleges.	No.	..	..	..	..	..	1	1
(c) Grants to the Osmania University.	Rs. in lakhs	40.25	4.205	6.50	10.00	12.75	6.50	39.955
(a) Appointment of Dist. Social Educational Officers.	No.	..	..	..	2	..	..	2
(b) Opening of a college of Physical Education.	No.	1	..	..	1	..	..	1
(c) Unit for the introduction of Compulsory Elementary Education.	No.	..	..	..	..	1	..	1
Construction of Buildings	Value in lakhs of Rs.	21.30	7.67	6.86	4.27	1.377	0.767	20.444
" "	"	13.54	7.44	3.78	1.65	0.468	(-)0.419	12.919

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
3.	Development of Andhra Polytechnic, Kakinada.	3.00	3.68	0.58	0.73	1.87	0.171	..	3.351
4.	Development of Ceramic Institute, Gudur.	0.82	0.23	..	..	..	..	0.015	0.015
5.	Development of Vuyyuru Polytechnic, Vuyyuru, Vijayawada.	18.00	13.24	0.08	1.19	4.76	7.367	8.361	21.768
6.	Establishment of Govt. Polytechnic, Visakhapatnam.	22.00	21.00	0.50	2.87	4.86	4.275	7.019	19.524
7.	Establishment of S.V. Govt. Polytechnic, Tirupathi.	22.00	22.22	..	9.82	3.94	4.231	2.371	20.362
8.	Diploma courses in Engg. Colleges, Kakinada (now transferred to Vuyyuru and Tirupathi Polytechnic.	0.00	3.07	0.75	1.43	0.80	0.088	Nil	3.068
9.	Diploma course in Engineering College, Anantapur.	15.00	10.50	1.46	1.50	1.16	1.661	3.365	9.436
10.	Introduction of Telecommunication course in the Engineering College Kakinada.	5.00	5.31	..	..	1.00	1.548	1.401	4.009
11.	Introduction of Pre-Professional course at Engineering Colleges, Kakinada and Anantapur.	3.74	4.29	..	..	1.33	1.616	1.118	4.064
12.	Establishment of Polytechnic, Guntur.	..	3.00	..	..	..	..	1.507	1.507
13.	Establishment of Polytechnic, Nellore.	7.25	3.00	..	..	..	..	1.685	1.685
14.	Establishment of Polytechnic, Nandyal.	..	3.00	..	..	..	..	1.433	1.433
15.	Establishment of Two Junior Technical Schools at Kakinada and Tirupathi	..	4.00	..	..	..	..	0.655	0.655

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61.
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Equipment	Value in lakhs of Rs.	3.68	0.58	0.73	1.87	0.171	..	3.351
"	"	0.23	..	..	..	..	0.015	0.015
Intake of pupils	No.	13.24	0.08	1.19	4.76	7.367	8.361	21.758
"	"	..	..	..	..	+60*	+60*	120
"	"	500	100	100	100	100	100	500
"	"	600	..	120	120	180	180	600
"	"	240	..	120	120	..	..	240
"	"	480	..	120	120	120	120	480
"	"	90	..	..	30	30	30	90
"	"	720	..	..	240	240	240	720
"	"	120	..	..	..	..	120	120
"	"	120	..	..	..	..	120	120
"	"	120	..	..	..	..	120	120
"	"	120	..	..	..	..	120	120

* Transferred from Diploma courses at Engineering College, Kakinada.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>Centrally Sponsored Schemes.</i>										
1	Establishment of Mining Institute, Gudur.	3.00	0.20	..	0.20	..	..	..	..	0.200
2.	Expansion of Andhra Polytechnic, Kakinada.	1.00	0.65	..	..	0.060	0.252	0.273	0.585	
3.	Expansion of Government Polytechnic, Visakhapatnam.	1.40	0.69	..	..	0.030	0.243	0.269	0.542	
4.	Sandwich course at Hindustan Shipyard, Ltd., Visakhapatnam.	..	0.85	..	..	..	..	0.038	0.038	
5.	Starting of a new Polytechnic, Proddatur.	..	3.57	..	..	..	0.771	1.782	2.55	
<i>Other Schemes.</i>										
1.	Grant-in-aid to Non-Government Technical Institutions— Andhra University, S.V. University and Tanuku Polytechnic.	24.00	25.96	8.75	4.00	4.21	6.049	4.000	27.009	
2.	Loan Scholarships	..	1.50	..	..	..	..	1.500	1.500	
3.	Miscellaneous—Improvement of Government M.R. College of Music, Vizianagaram.	0.70	0.87	..	0.20	0.21	0.236	0.208	0.854	
4.	Establishment of Government College of Music, Vijayawada.	..	0.30	..	..	..	0.091	0.403	0.494	
5.	Award of Scholarships.	..	..	..	..	..	..	0.270	0.270	
Total for Andhra		164.91	158.47	27.23	32.17	30.15	30.444	38.341	158.335	
Total for Education—Andhra		775.48	728.43	47.42	80.28	171.72	253.12	209.92	762.46	

Item	Unit	Target for 2nd plan period (Revised)	Physical Targets and Achievements					Total Achieve- ment during 1956-61
			Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Intake of Pupil	No.	160	..	40	40	40	40	160
..	..	240	..	60	60	60	60	240
..	..	320	..	80	80	80	80	320
..	..	30	..	..	..	..	30	30
..	..	240	..	..	..	120	120	240
..	..	1,180	100	120	240	360	360	1,180
Scholarships awarded	.. Rs. in lakhs.	1.50	..	..	..	..	1.50	1.50
			No Specific target					
Intake of Pupil	.. No.	100	..	..	..	50	50	100

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
TELANGANA.									
<i>Joint Schemes.</i>									
1.	Development of Government Polytechnic, Hyderabad.	10.25	4.50	0.04	0.33	1.48	0.108	1.747	3.700
2.	Establishment of Government Polytechnic, Warangal.	20.00	16.03	0.20	1.61	4.95	4.445	2.350	13.564
3.	Establishment of Government Polytechnic, Mahabubnagar.	..	10.71	..	..	2.41	3.058	6.447	11.015
4.	Establishment of Junior Technical School, Secunderabad.	..	2.00	..	..	..	..	0.520	0.520
<i>Centrally sponsored Scheme.</i>									
1.	Establishment of Mining Institute, Kothagudem.	30.00	0.23	..	0.23	1.16	0.023	..	1.418
2.	Expansion of Government Polytechnic, Hyderabad.	1.90	1.18	..	..	0.12	0.342	0.489	0.951
3.	Starting of a New Polytechnic at Nizamabad.	..	3.58	..	..	..	1.543	2.128	3.671
<i>Other Schemes.</i>									
1.	Grant-in-aid to Non-Government Technical Institutions, Hyd.—Polytechnic, Wanaparthy Polytechnic and Osmania Engineering College.	4.00	6.10	..	0.50	0.50	2.684	2.435	6.119
2.	Grant-in-aid to the Regional Engineering College, Warangal	5.76	7.00	..	..	..	4.280	2.000	6.280
3.	Administration—Directorate of Technical Education.	3.88	3.47	..	0.11	0.32	0.453	0.433	1.316
4.	Provision for scholarships.	2.25	0.91	..	0.07	0.24	0.250	0.237	0.797

Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd plan period (Revised)	Achievements during				1960-61	
			1956-57	1957-58	1958-59-	1959-60		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Construction of Buildings (ii) Equipment ..	Value in lakhs of Rs.	4.59	0.04	0.33	1.48	0.103	1.747	3.700
Intake of Pupil ..	No.	480	60	60	120	120	120	480
Do. ..	„	520	80	80	120	120	120	520
Do. ..	„	60	..	..	..	..	60	60
Do. ..	„	160	..	40	40	40	40	160
Do. ..	..	440	..	110	110	110	110	440
Do. ..	„	240	..	..	..	120	120	240
Do. ..	„	1,340	..	275	275	395	395	1,340
Intake of Pupil ..	No.	500	..	..	..	250	250	500
Cost of Staff and equipment. ..	Rs. in lakhs.	3.47	..	0.11	0.32	0.453	0.483	1.816
Scholarships awarded ..	Value in lakhs of Rs.	0.91	..	0.07	0.24	0.250	0.237	0.797

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57-	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>Miscellaneous Schemes :</i>										
5.	Development of Government College of Fine Arts and Architecture, Hyderabad.	1.47	1.58	0.10	0.09	0.41	0.107	0.105	0.72	
6.	Branch School of Music and Dance, Secunderabad.	1.47	0.46	0.06	0.05	0.07	0.121	0.144	0.445	
7.	Upgrading of Government School of Music and Dance, Hyderabad, to College Status.	..	0.20	..	..	..	*0.850	0.154	1.004
8.	Domestic Science Training College, Hyderabad.	2.17	1.18	0.09	0.12	0.97	..	..	1.180
9.	Development of Archaeology.	..	0.63	..	..	..	0.055	0.240	0.295
Total for Telangana ..		54.68	59.85	0.49	3.11	12.63	18.323	10.348	53.901	
Total for Telangana—Education—		487.23	468.17	8.24	36.60	108.34	154.66	166.15	473.99	
Grand Total—Andhra Pradesh Technical Education.		219.59	218.32	27.72	35.28	42.78	48.767	57.689	212.236	
Grand total for Education, 1262.71		1196.60	55.66	116.88	280.06	407.78	376.07	1236.45		

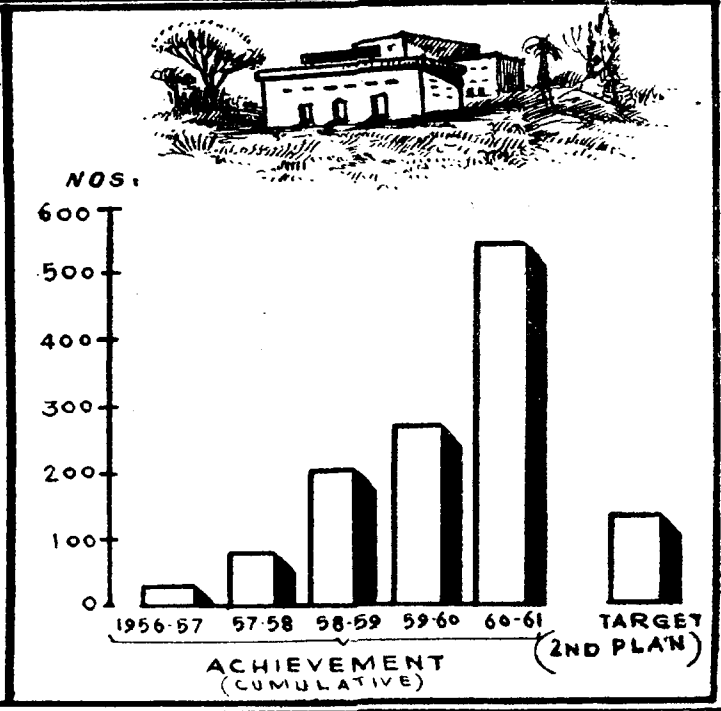
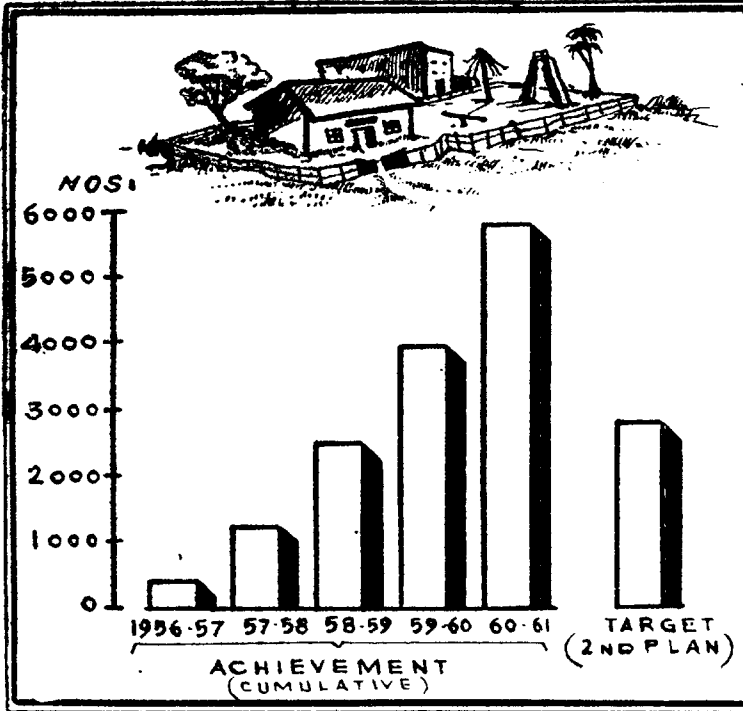
* Purchase of buildings for the Government College of Music, Hyderabad during 1959-60.

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Equipment ..	.. Value in lakhs of Rs.	1.58	0.10	0.09	0.41	0.107	0.015	0.722
Intake of Pupil	.. No.	315	60	60	75	60	60	315
Do.	.. „	130	..	..	..	..	130	130
Equipment ..	.. Value in lakhs of Rs.	1.18	0.09	0.12	0.97	..	..	1.18
..	..	No specific targets.						

Education

**PRIMARY SCHOOLS
INCLUDING JUNIOR BASIC .**

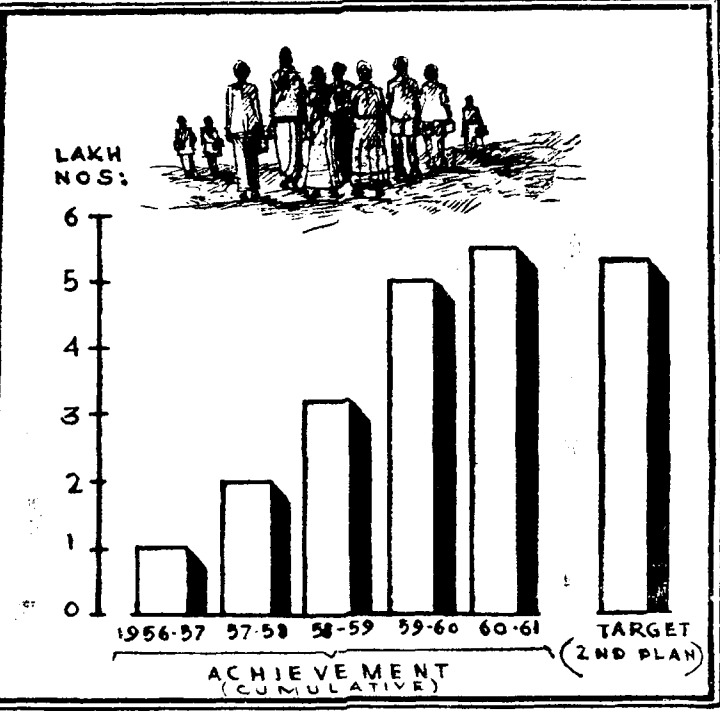
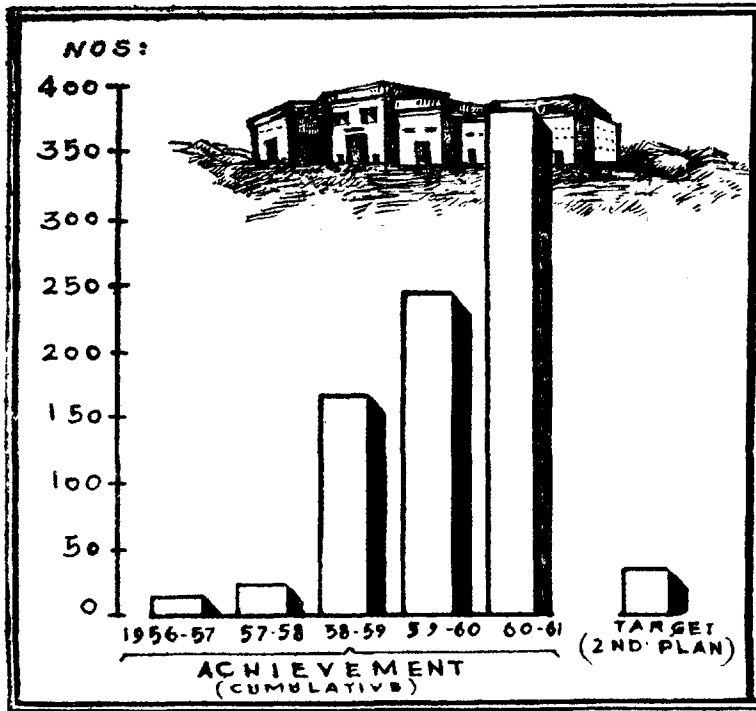
**MIDDLE SCHOOLS
INCLUDING SENIOR BASIC .**



Education

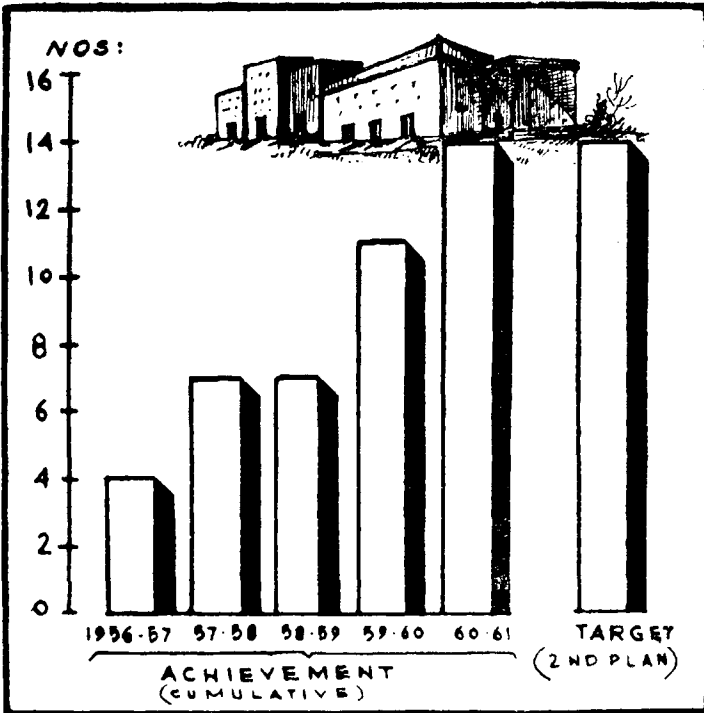
HIGH SCHOOLS INCLUDING MULTIPURPOSE SCHOOLS.

ENROLMENT OF CHILDREN (CLASS I TO XI)



Education

ENGINEERING COLLEGES AND
POLYTECHNICS OPENED.



CHAPTER XXVI.

MEDICAL

With a view to expand the medical facilities so as to bring them increasingly within the reach of all the people, a sum of Rs. 594.63 lakhs was originally provided for expenditure on 75 schemes. Subsequently one more scheme *viz.* "Sri S.V. Medical College, Tirupathi" costing Rs. 9.00 lakhs was also included in the Plan and the provision in respect of some schemes was reduced on the basis of final requirements and the revised provision for the 72 schemes programmed for implementation during 1956-61 was of the order of Rs. 588.01 lakhs. Against this, a sum of Rs. 648.16 lakhs was spent during the period under review. Out of this expenditure, the expenditure incurred in the Andhra Region amounted to Rs. 365.97 lakhs while that in the Telengana Region amounted to Rs. 282.19 lakhs. Some of the important physical achievements during 1956-61 are furnished in the following table.

IMPORTANT PHYSICAL ACHIEVEMENTS

<i>Srl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Target for 1956- 1961.</i>	<i>Achieve- ments during 1956- 1961</i>
(1)	(2)	(3)	(4)	(5)
1.	Increase in Bed Strength	No.	1,148	2,506
2.	Eye, E.N.T., and Dental, Clinics.	,,	38	60
3.	V.D. Clinics	.. ,,	20	18
4.	Leprosy Sub-ordinary centre clinics.	,,	12	12

(1)	(2)	(3)	(4)	(5)
5.	Family Planning Clinics .. ..	.. ..	45	49
6.	T.B. Clinics .. ..	.. ..	32	32
7.	Regional and District Lab. .. ..	.. ..	8	16
8.	Primary Health Centres .. ..	.. ..	266	165
9.	Provincialisation of L.F. Dispensaries. .. ..	.. ..	44	43
10.	Candidates Trained .. ..	.. ..	3,329	3,581

An account of the progress made in respect of each of the schemes implemented is given below. Scheme-wise details of the financial and physical targets and achievements during 1956-61 are furnished in the statement XXVI appended.

ANDHRA

Improvement to Andhra Medical College and King George Hospital Visakhapatnam.

During the Second plan period an amount of Rs. 22.23 lakhs was spent towards the development of Andhra Medical College and King George Hospital, Visakhapatnam. The Annual admissions in the College and bed strength of the Hospital were increased by 15 and 123 respectively, in addition to the opening of a psychiatric clinic. Besides this, the construction of new Anatomy Block, Mortuary Block, R. M. O.'s quarters to outpatients department, additional quarters for nurse-students and men-students and additional ward at Victoria Hospital for women and children have been completed.

Upgrading of pathology Department in Andhra Medical College.

The Department of pathology in Andhra Medical College was upgraded into an All India Institute during 1956-57 and Director and other staff were appointed. The upgraded Department was continued during 1957-61 and 12 candidates were admitted during each of the years

1957-58, 1959-60 and 1960-61 for postgraduate training. An amount of Rs. 3.50 lakhs was spent on this scheme during the second plan period.

Guntur Medical College :

During the Second plan period, an amount of Rs. 25.07 lakhs was provided for the appointment of additional staff, increasing the number of admissions and for taking up construction of additional buildings viz., first and second floor over the pathology Block, Assembly-cum-examination-Library Hall, first floor over Men's Hostel and first floor over Women's Hostel. Against this programme, the construction of first and second floor over the pathology Block, first floor over Men's Hostel and first floor over Women's Hostel have been completed and the work for the construction of Assembly-cum-examination-Library was in progress. A sum of Rs. 25.68 lakhs was spent on this scheme.

Government General Hospital, Guntur.

During the Second Plan period, an amount of Rs. 27.98 lakhs was spent on this scheme and the work relating to the installation of electric lift, a 144 beded ward for men, 96 beded ward for women patients, an eye clinic, an administrative block, a delivery ward, an operation theatre, compound wall and clinical Lecture theatre were completed besides increasing the bed strength from 450 to 600.

Government General Hospital, Kurnool.

With the object of making the Government General Hospital, Kurnool, a teaching Hospital attached to the Kurnool Medical College an amount of Rs. 11.93 lakhs was spent towards the improvements to the Hospital. The bed strength of the Hospital was increased from 380 to 500. An administrative-cum-out-patients block, a mortuary and clinical lecture hall and a 50 beded paediatric ward were also constructed. Additions and alterations were also carried out to the former Chief Engineer's Office which was placed at the disposal of the Medical Department for utilisation as Maternity ward.

Kurnool Medical College, Kurnool.

Under this scheme a provision of Rs. 27.78 lakhs was made in the Second Plan for the appointment of additional staff, levelling of play-ground, construction of Assembly

cum-Auditorium and provision of additional equipment. Against this programme a sum of Rs. 44.39 lakhs was spent for the purchase of equipment, appointment of additional staff, construction of Assembly-cum-Auditorium, structural alterations etc., to the Secretariat buildings where the Medical College is located and the levelling of the playground.

Training of Technicians.

Sixty Laboratory Technicians were trained at the Andhra Medical College, Visakhapatnam during the Second Plan period at the rate of 12 candidates per year and a sum of Rs. 0.67 lakhs was spent on this scheme.

Training of additional compounders.

During the Second Plan period, it was proposed to train 495 additional compounders at the rate of 99 per year in the 11 training centres at the District Headquarters Hospitals and other teaching hospitals to meet the requirements of Primary Health Centres and other medical institutions and accordingly 495 compounders were trained incurring an expenditure of Rs. 1.03 lakhs towards stipends to the candidates, etc.

Training of Additional Midwives.

Under this scheme, 727 candidates were admitted for Mid-wives training during 1956-61 at the rate of 158 per year during 1956-59, 95 during 1959-60 and 158 during 1960-61. Against the Plan provision of Rs. 6.62 lakhs, an amount of Rs. 5.59 lakhs was spent.

Training of Additional Nurses.

475 candidates were trained as Nurses during 1956-61 at the rate of 95 candidates per year and an expenditure of Rs. 11.96 lakhs was incurred on this scheme.

Improvements to District Headquarters Hospitals :

During the Second Plan period, an amount of Rs. 46.17 lakhs was provided for effecting necessary improvements to the District Headquarters Hospitals in the Andhra Region. The programme included provision for increasing the bed strength in several Hospitals and the construction of outpatient department at District

Headquarters Hospital at Machilipatnam. As programmed, the bed strength of Kakinada District Headquarters Hospitals was increased from 400 to 500, Anantapur from 150 to 200, Machilipatnam from 200 to 300, Srikakulam from 53 to 75, Eluru from 200 to 300 and Cuddapah from 140 to 190. Additional staff was provided to the District Medical Officers' Office at Guntur, Visakhapatnam, Rajahmundry and Kurnool and also to the Government General Hospital, Kakinada, Victoria Hospital for Women and Children, Mental Hospital, Waltair and T.B. Hospital Nellore, besides carrying out improvements to several District Headquarters Hospitals by constructing additional wards, buildings etc. An expenditure of Rs. 50.65 lakhs was incurred on this scheme.

Improvement to Taluk Headquarters Hospital :

For the development of taluk Hospitals, a sum of Rs. 12.60 lakhs was provided in the Second Plan. The programme included the provision for increasing the bed strength of the Taluk Headquarters Hospitals besides carrying out improvements to several Taluk Headquarters Hospitals by constructing additional wards, buildings etc. As programmed the bed strength of the Hospitals was increased as shown below:—

<i>Taluk Headquarters Hospitals at</i>			<i>Increase of bed strength</i>	
			<i>From</i>	<i>To</i>
Amalapuram	..	..	22	50
Tanuku	..	..	32	50
Kovvur	..	..	22	32
Penukonda	..	..	8	28
Kavali	..	..	11	25
Madanapalli	..	..	40	52
Palmaner	..	..	16	28
Rajampet	..	..	25	32

Kadiri	4	36
Sompeta	0	6
Hindupur	35	50
Araku valley	25	31
Tirupathi	50	100
Gooty	25	36
Bhimavaram	8	16
Adoni	20	46
Nandyal	50	75
Tadepallegudem	8	16
Nidadavole	8	16
Total	409	725

Besides this, most of the work relating to the construction of buildings, wards, etc., was completed. An amount of Rs. 14.71 lakhs was spent on this scheme.

Provincialisation of Local Fund Dispensaries :

With a view to improving medical facilities in the State 43 Local Fund Medical Institutions were provincialised during the Second Five-Year Plan period. Against the Plan provision of Rs. 10.09 lakhs an amount of Rs. 12.58 lakhs was spent on this scheme.

Upgrading of the Department of Social and preventive Medicine at Guntur.

The Department of Social and Preventive Medicine at the Guntur Medical College was upgraded during 1957-58 with the assistance of Government of India and a

field practice training centre was established at Tadikonda. Against the Plan provision of Rs. 1.20 lakhs, an amount of Rs. 1.47 lakhs was spent on this scheme.

Upgrading of History of Medicine Department :

The Department of History of Medicine established in Andhra Medical College, Waltair, was shifted to the Osmania Medical College, Hyderabad during 1958-59. This department was upgraded in January, 1959 with a view to making it an All India Institute for teaching and research. An expenditure of Rs. 1.39 lakhs was incurred during the Second Plan period against a Plan provision of Rs. 1.12 lakhs.

Improvements to Mental Hospital, Waltair.

An amount of Rs. 5.80 lakhs was provided in the Second Plan towards the expansion of Mental Hospital, Waltair. During the period under review 28 acres of private land was acquired and a compound wall was constructed. A sum of Rs. 4.77 lakhs was spent on this scheme.

District and Regional Laboratories :

During the Second Plan period, 2 Regional Laboratories at Kurnool and Guntur and 6 District Laboratories at Kakinada, Eluru, Anantapur, Machilipatnam, Nellore and Chittoor were established. Against the Plan provision of Rs. 3.30 lakhs, an amount of Rs. 4.65 lakhs was spent on this Scheme.

T.B. Clinics :

Eighteen Tuberculosis clinics were opened during the Second Plan period at Kakinada, Eluru, Guntur, Kurnool, Nellore, Chittoor, Cuddapah, Masulipatnam, Anantapur, Visakhapatnam, Srikakulam, Vijayawada, Tenali, Rajahmundry, Hindupur, Tuni, Nandyal and Narasaraopet and necessary staff was appointed. A sum of Rs. 7.74 lakhs was spent on this scheme during the Plan period.

Family Planning clinics.

The rapid growth of population and the pressure exercised on the limited resources of the country have brought to the forefront the urgency of Family Planning

and population control and hence 33 Family Planning Clinics and 3 Family Planning Centres were established during the Second Five-Year Plan period. Against the Plan provision of Rs. 1.90 lakhs, an amount of Rs. 2.87 lakhs was spent on this Scheme.

Training of Auxiliary Nurse Midwives.

To meet the requirements of trained Midwives, 9 Training Centres for the training of Auxiliary Nurse Midwives were opened during the Second Plan period at Kakinada, Nellore, Kurnool, Karimnagar, Cuddapah, Chittoor, Mahbubnagar, Anantapur and Rajahmundry and 360 candidates were trained. An amount of Rs. 7.14 lakhs was spent on this Scheme.

Training of Laboratory Assistants.

Under this scheme, it was proposed to train 6 Laboratory Assistants in the Andhra Medical College, Visakhapatnam every year so that the trained staff may relieve the Medical Officers of the routine pathological and bacteriological investigations and provision of Rs. 0.36 lakh was made in the Second Five-Year Plan. Accordingly 24 candidates were trained during 1957-61 and a sum of Rs. 0.38 lakh was spent.

Training of Auxiliary Health Workers.

It was proposed to admit a batch of 50 candidates for the two years training Course of Auxiliary Health workers every year During 1957-61. 200 candidates were admitted for training and an amount of Rs. 2.21 lakhs was spent on this Scheme.

Training of Public Health Nurses.

Under this scheme, it was proposed to admit a batch of 12 nurses working in Medical Institutions for undergoing training in Public Health Orientation and General Sickness Nursing. 12 candidates per year were admitted for this training during 1957-61 and a sum of Rs. 1.45 lakhs was spent.

Establishment of Primary Health Centres.

This scheme envisages the establishment of Primary Health Centres in the Block areas to cater to the needs of the rural population with the assistance of Government

of India and U.N.I.C.E.F. During the Second Five-Year Plan period, 117 Primary Health Centres were opened and an amount of Rs. 36.80 lakhs was spent.

Upgrading of District Headquarters Hospitals for interneer Training.

According to the new regulations, the M.B.B.S. students have to undergo one year interneerhip in certain recognised Medical Institutions. For providing the accommodation for these trainees, quarters were constructed at Andhra Medical College, Visakhapatnam and also at the District Headquarters Hospitals at Kakinada and Eluru. Against the Plan provision of Rs. 1.90 lakhs, an amount of Rs. 3.04 lakhs was spent on this scheme.

Opening of Dental Colleges and Dental Clinics.

During the Second Plan period, 13 Dental Clinics were opened in the District Hospitals at Chittoor, Kakinada, Anantapur, Nellore, Kurnool, Eluru, Cuddapah, Machilipatnam, Srikakulam, Visakhapatnam, Guntur, Rajahmundry and Tenali. A sum of Rs. 2.00 lakhs was spent on the scheme.

Mental Hospital and Psychiatric clinic.

An amount of Rs. 4.14 lakhs was provided in the Second Plan for the establishment and continuance of the Psychiatric Clinic which was established at Guntur during 1957-58 and towards the improvements to the Mental Hospital, Hyderabad. Against this, an amount of Rs. 2.10 lakhs was spent on this scheme.

State Medical Research.

With a view to creating facilities for the enthusiastic specialists to take up research work, a Research committee was constituted in 1956-57 for awarding fellowships to Research Scholars in any Research scheme. The Research scheme was introduced in all the Medical Colleges and specialised hospitals in the State. A sum of Rs. 0.21 lakh was spent during the Second Plan period.

Control of Leprosy.

During the Second Five-Year Plan period, 8 Leprosy Sub-Centres were opened at Kurnool, Krishna,

West Godavari, Cuddapah, Srikakulam, Anantapur, Vishkhapatnam and Nellore districts. Against the Plan provision of Rs. 6.26 lakhs, an amount of Rs.6.14 lakhs was spent on this scheme.

T.B. Isolation Beds.

This scheme was sponsored by the Government of India, with a view to combating tuberculosis disease by provision of more isolation beds. During the Second Five-Year Plan period 190 isolation beds at Visakhapatnam, 40 at Kakinada, 35 at Tirupathi, 20 at Eluru, 20 at Machilipatnam, 20 at Chittoor, 20 at Cuddapah, 20 at Anantapur, 100 at Kurnool, 40 at Srikakulam, 40 at Mangalagiri and 25 at Palamaner were provided and an amount of Rs. 14.80 lakhs was actually spent.

Infectious Diseases Hospitals at Visakhapatnam and Guntur.

An amount of Rs. 3.32 lakhs was spent for the construction of buildings for the Infectious Diseases Hospitals at Visakhapatnam and Guntur and for the appointment of staff.

Infectious Diseases Hospitals at Bhadrachalam and Tirupathi.

A sum of Rs. 2.50 lakhs was spent during the Second Plan period towards the construction of buildings for the Infectious Diseases Hospitals at Bhadrachalam and Tirupathi.

Special Diet Kitchen at Guntur and Kurnool.

Two special Diet kitchens with necessary staff were established at Guntur and Kurnool during the Second Plan period and an expenditure of Rs. 0.49 lakh was incurred.

Venerial Diseases clinics.

During the Second Plan period, 11 V.D. Clinics were opened at Visakhapatnam, Nellore, Kurnool, Guntur, Eluru, Cuddapah, Machilipatnam, Kakinada, Chittoor, Anantapur and Srikakulam. Against the provision of Rs. 2.62 lakhs, an amount of Rs. 2.34 lakhs was spent on this scheme.

Eye, Nose and Throat Clinics.

Eight Eye, Nose and Throat clinics were established at Eluru, Chittoor, Nellore, Machilipatnam, Cuddapah, Rajahmundry, Srikakulam and Anantapur and a sum of Rs. 0.80 lakh was spent on this scheme during the Second Five-Year Plan.

Eye Clinics.

During the Second Five-Year Plan, an amount of Rs. 0.95 lakh was provided for opening of 8 eye clinics at Eluru, Chittoor, Nellore, Machilipatnam, Cuddapah, Rajahmundry, Srikakulam and Anantapur. As programmed the clinics were opened and a sum of Rs. 1.06 lakhs was spent.

Training of Sanitary Inspectors at Visakhapatnam and Guntur.

An amount of Rs. 9.00 lakhs was provided in the Second Five-Year Plan for the training of 100 Sanitary Inspectors per year, in each of the Medical Colleges at Visakhapatnam and Guntur and for the construction of hostels for these trainees at Simhachalam and Tadikonda. Accordingly 500 candidates were trained at each of the centres and a sum of Rs. 7.00 lakhs was spent on this scheme during the Second Plan period.

Sri S.V. Medical College, Tirupathi.

This scheme was included and implemented during 1960-61 and an amount of Rs. 9.00 lakhs was provided for the establishment of SriS.V. Medical College, Tirupathi. Against this a sum of Rs. 12.94 lakhs was spent towards the construction of the buildings, purchase of equipment, etc.,

Training of Assistant Surgeons :

An amount of Rs. 1.00 lakh was provided in the original Plan for the training of Assistant Surgeons. This was later reduced to Rs. 0.47 lakh and entire provision was utilised during the Plan period.

System of Indigenous Medicine and Research in Ayurveda.

A provision of Rs. 0.40 lakh was made in the original Plan for this scheme and it was later enhanced to Rs. 1.71 lakhs out of which an amount of Rs. 1.49 lakhs

was spent during the Plan period. Ayurvedic dispensaries were opened during the Plan period at Vinukonda, Anantapur, Machilipatnam, Tirupathi and a Unani dispensary at Proddutur.

TELANGANA.

Upgrading of Osmania Medical College and Osmania General Hospital, Hyderabad.

A sum of Rs. 48.36 lakhs was provided in the Second Plan for the construction of Nurses Home, interness Quarters, additional Lecture Hall, a new Operation Theatre Block, fixation of Metal Jallies in varandas and windows and an Outpatient Block in the Osmania General Hospital with a view to upgrading the Hospital and reorganising the Departments of Osmania Medical College on the lines recommended by the Indian Medical Council. The programme also included provision for the construction of buildings for Osmania Medical College in the Women's College site. Against this programme the construction of Lecture Hall in Osmania Medical College and the fixation of Metal Jallies in varandas and windows in Osmania General Hospital was completed. The construction of interness Quarters, additional Lecture Hall and new Medical College in the Women's College grounds was in progress. A sum of Rs. 71.78 lakhs was spent on this scheme during the Plan period.

Upgrading of K.E.M. Hospital, and opening of Gandhi Medical College.

With a view to developing the K.E.M. Hospital into a teaching Hospital for the students of the Gandhi Medical College, a sum of Rs. 34.67 lakhs was spent during the Second Plan period and the bed strength of the Hospital was increased from 310 to 400. Additional staff and equipment were also provided. Certain additions and alternations were effected to the Hospital and Gandhi Medical College. Clinical classes were organised in Gandhi Medical College and two Medical, two Surgical and one Obstretic and gynæcology units were established at the K.E.M. Hospital. The construction of Lecture Hall in Gandhi Medical College and Operation Theatre Block in the K.E.M. Hospital were also completed.

Establishment of Department of Social and Preventive Medicine in Osmania Medical College.

The Department of Hygiene at the Osmania Medical College, Hyderabad, was upgraded into a department of Social and Preventive Medicine and a Rural Health Centre was established at Patancheru during 1958-59. Against the Plan provision of Rs. 2.94 lakhs, a sum of Rs. 3.35 lakhs was spent on this scheme.

Training of Laboratory Assistants and X-ray Technicians.

An amount of Rs. 0.73 lakh was provided for the training of 12 X-Ray technicians in the Central Laboratories, 12 Laboratory technicians and 12 Medico-Social Workers in the Osmania Medical College every year from 1957-58. During the Second Plan period 48 X-ray Technicians, 48 Laboratory Technicians, and 48 Medico-Social Workers were trained and a sum of Rs. 0.55 lakh was spent.

Nurses training School.

Under this scheme an amount of Rs. 4.04 lakhs was provided in the Second Five-Year Plan for the establishment of Nursing College at Hyderabad with necessary staff and equipment. Accordingly the college of Nursing for award of B.Sc., (Nursing) Degree was started at Hyderabad during 1959-60, and 35 candidates were admitted for the course during the Plan period. A sum of Rs. 3.65 lakhs was spent on this scheme.

Radium Institute.

During the Second Five-Year Plan period, the bed strength of the Cancer Hospital, Hyderabad was increased from 40 to 125 and additional staff and equipment was provided. The course for D.M.R. was also started in the Radium Institute during 1958-59. Against the Plan provision of Rs. 4.40 lakhs, an amount of Rs. 5.32 lakhs was spent on this scheme.

Upgrading of District Hospitals.

During the Second Five-Year Plan period the bed strength of District Hospital at Karimnagar was increased from 48 to 108, Adilabad from 12 to 60, Nizamabad from 82 to 120, Khammam from 45 to 80, Nalgonda from

45 to 80, Mahbubnagar from 29 to 60, Sangareddy from 15 to 80 and Sultan Bazaar (Hyderabad) from 70 to 100. Six District Laboratories at Karimnagar, Mahboobnagar, Nizamabad, Khammam, Nalgonda and Adilabad, a Regional Laboratory at Warangal, 3 Ear, Nose and Throat Clinics at Karimnagar, Nizamabad and Warangal were also established besides carrying out improvements to several Hospitals by constructing additional wards, buildings etc.,

An amount of Rs. 27.85 lakhs, was spent on this scheme against the Plan provision of Rs. 22.40 lakhs.

Upgrading of Taluk Hospitals :

During the Second Plan period, the bed strength of the following Taluk Hospitals was increased besides carrying out improvements to several Taluk Headquarters hospitals by constructing additional wards, buildings etc.

<i>Taluk Headquarters Hospitals at</i>			<i>Increase of Bed strength.</i>	
			From	To
Achampet	..	..	6	10
Atmakur	..	..	8	10
Wanaparthi	..	..	4	24
Kodanagal	..	..	2	10
Siddipet	..	..	8	24
Jogipet	..	..	8	20
Narasapur	..	..	8	20
Asifabad	..	..	2	10
Utnoor	..	..	4	10
Yellareddy	..	..	8	10

<i>Taluk Headquarters Hospitals at</i>				<i>Increase of Bed strength</i>	
				<i>From</i>	<i>To</i>
Palvancha	..	..	..	8	10
Makthal	..	..	..	4	10
Kollapur	..	..	..	15	20
Burgampahed	..	..	..	4	10
Sirpur	..	..	..	2	10
Nirmal	..	..	..	8	20
Chennur	..	..	..	4	10
Laxettipet	..	..	..	4	10
Bhainsa	..	..	..	8	16
Mancherial	..	..	..	2	10
Khanapur	..	..	..	15	20
Yellandu	..	..	..	6	10
Kosigi	..	..	..	5	15
Nagarkurnool	..	..	..	4	12
Gadwal	..	..	..	14	20
Kotigiri	..	..	..	6	10
Parkal	..	..	..	6	20
Armur	..	..	..	2	20
Hazurabad	..	..	..	8	20
Miryalguda	..	..	..	15	25
Jagtial	..	..	..	14	40
Mudhole	..	..	..	2	20

<i>Taluk Headquarters Hospitals at</i>				<i>Increase of Bed strength.</i>	
				<i>From</i>	<i>To</i>
Boath	..	..	..	2	20
Gajwel	..	..	..	4	10
Zahirabad	..	..	..	12	20
Narayankhed	..	..	..	4	10
Mahbubabad	..	..	..	40	50
Mulug	..	..	..	14	20
Wardannapet	..	..	..	4	20
Alampur	..	..	..	2	10
Amerabad	..	..	..	6	12
Badepalle	..	..	..	6	20
Shadnagar	..	..	..	12	20
Total			..	320	718

An amount of Rs. 9.69 lakhs was spent on this scheme against the provision of Rs. 19.45 lakhs.

Increase in Allotment of Medicines :

A sum of Rs. 12.21 lakhs was spent during the Second Plan period towards the purchase of drugs, instruments, etc., for the Medical Institutions in Telangana area.

Upgrading of Dental Hospitals and Clinics :

During the Second Plan period 9 Dental Clinics were established at Nizamabad, Warangal, Karimnagar, Mahboobnagar, Khammam, Nalgonda, Medak, Adilabad and Golkonda Hospital, besides opening a Dental Wing at the Osmania Medical College. A sum of Rs. 2.13 lakhs was spent against the Plan provision of Rs. 2.69 lakhs.

Expansion of Domiciliary T. B. Campaign :

During the Second Five-Year Plan period, 14 T. B. Clinics were opened at Dabirpura, Nizamabad, Karimnagar, Warangal, Mahboobnagar, Khammam, Medak, Nalgonda, Adilabad, Vikarabad, Secunderabad, Golkonda, Jagtial, and Wanaparthy and 374 T. B. Isolation beds were provided in various District Hospitals. The construction of buildings for Aftercare and the Rehabilitation centre in T. B. Hospital, Irumnuma was completed and the Anti-T. B. Demonstration Training Centre was established at Dabirpura in 1957-58. An amount of Rs. 15.65 lakhs was spent on this scheme.

V. D. Control Programme :

Seven V. D. Clinics at Osmania General Hospital, Hyderabad, Nizamabad, Warangal, Karimnagar, Mahboobnagar, Khammam and Nalgonda were established during the Second Plan period and an expenditure of Rs. 1.87 lakhs was incurred on this scheme.

Establishment of Special Diet Kitchen at Osmania General Hospital :

An amount of Rs. 0.20 lakh was spent towards the establishment and maintenance of the special diet kitchen in the Osmania General Hospital.

Public Health Laboratories of King Institute Type :

A sum of Rs. 10.13 lakhs was provided in the Second Plan for the establishment of P.H. Laboratories of K.I. type in Andhra Pradesh. Of this, a sum of Rs. 5.00 lakhs pertain to the schemes of the Andhra Region and the balance of Rs. 5.13 lakhs relate to the Telanagana Region. An expenditure of Rs. 8.14 lakhs was actually incurred during the Plan period.

Leprosy Control Programme :

Four Leprosy sub idiary centres were established at Mahboobnagar, Nizamabad, Medak and Nalgonda districts with necessary staff and equipment. An amount of Rs. 3.02 lakhs was spent on this scheme during the Second Plan period against the provision of Rs. 3.54 lakhs.

Paediatric Centre and Improvements to Niloufer Hospital :

A Pædiatric Centre was established in Niloufer Hospi'al, Hyderabad, by providing additional staff and equipment during the year 1957-58 and the bed strength of the Niloufer Hospital was increased to 300. Against the Plan provision of Rs. 7.51 lakhs a sum of Rs. 8.13 lakhs was spent on this scheme.

Imrovements to Sarojini Devi Hospital :

During the Second Five-Year Plan period an amount of Rs. 5.13 lakhs was spent towards the construction of an Administration Block and an Out-Patient Block besides carrying out additions and alterations to staff quarters. The bed strength was increased from 100 to 150 and additional staff was also provided.

Improvements to Maternity Hospital, Hyderabad :

It was proposed to appoint additional staff and provide additional equipment to the Government Maternity Hospital, Hyderabad. Accordingly staff was appointed with necessary equipment besides making additions and alterations to labour ward No. 1 and Maternity Hospital. An expenditure of Rs. 1.30 lakhs was incurred on this scheme.

Improvements to Mental Hospital, Hyderabad :

An amount of Rs. 5.85 lakhs was provided in the Second Plan for the construction of a new 150 bedded Female Ward, an Administration and Kitchen Block and flush out latrins in Mental Hospital, Hyderabad. As scheduled, the work relating to the construction of a 150 bedded ward was completed and the construction of Administration and Kitchen Block and flush out latrins was in progress. A sum of Rs. 14.20 lakhs was spent on this scheme.

Improvements to T.B. Hospital, Irrumnuma :

During the Second Plan period, the bed strength of the T.B. Hospital, Irrumnuma was increased from 500 to 600 and additional staff and equipment was also provided.

The work relating to the construction of Kitchen Block, Electrical Sub-station, Administrative Block, 16 bedded, 56 and 40 bedded wards was completed. Against the provision of Rs. 2.50 lakhs an amount of Rs. 8.00 lakhs was spent on this scheme.

Improvements to T.B. Hospital, Vikarabad :

The bed strength of the T.B. Hospital at Vikarabad was increased from 200 to 300 during 1958-59 in addition to the provision of staff and equipment. The construction of a Recreation Hall was completed and the work relating to the construction of a 40 bedded T.B. ward was in progress. A sum of Rs. 5.21 lakhs was spent on this scheme.

Primary Health Centres :

During the Second Plan period 48 Primary Health Centres were opened in Developemnt Blocks and an amount of Rs. 21.60 lakhs was spent towards the construction of buildings, sub-centres and residential quarters.

Upgrading of Fever Hospital, Lingampalli :

Under this scheme, an amount of Rs. 5.04 lakhs was provided for increasing the bed strength from 120 to 200 and the construction of the additional ward for in-patients. As programmed the bed strength was increased from 120 to 200 and additional staff and equipment were provided. The construction works were in progress and an expenditure of Rs. 5.04 lakhs was incurred on this scheme.

Family Planning Clinics :

During the Second Plan period sixteen Family Planning Clinics were opened at Niloufer Hospital, Osmania Medical College and Government Maternity Hospital at Hyderabad and at Nizamabad, Khammam, Mahboobnagar, Karimnagar, Warangal, Adilabad, Medak, Nalgonda, Golconda, Mahboobabad, Narayanapet, Bodhan and Suryapet besides the establishment of a Family Planning Training Centre at the Government Maternity Hospital, Hyderabad. An amount of Rs. 3.70 lakhs was spent on this scheme.

Training of Refractionists and Opticians :

An amount of Rs. 1.44 lakhs was provided in the Second Plan for giving training facilities to 12 refractionists and opticians every year at Sarojinidevi Hospital, Hyderabad. This programme was accordingly implemented during the year 1957-58 and 48 refractionists and opticians were trained. A sum of Rs. 1.42 lakhs was spent on this scheme.

Child Guidance clinic and Psychiatric Department :

A child guidance clinic at Pa diatric Centre, Niloufer Hospital, Hyderabad was opened during 1959-60. Against the Plan provision of Rs. 0.80 lakh, an amount of Rs. 0.21 lakh was spent on this scheme.

System of Indigenous Medicine and Research in Ayurveda.

The original provision of Rs. 6.14 lakhs for this scheme was subsequently raised to Rs. 10.43 lakhs for implementing the following programmes.

- (1) Research in Ayurveda including Maternity and Children's diseases.
- (2) Effecting improvements to Herbarium.
- (3) Improvements in training facilities in Govt. Ayurvedic College, Hyderabad.
- (4) Improvements to Nizamia General Hospital and continuation of Lay-Secretary and Treasurer.
- (5) Establishment of Hostels for men and women students.
- (6) Research in Unani.
- (7) Employment of additional staff in Special Officer's Office.
- (8) Establishment of 10 bedded homeopathy hospitals in Poly Clinic Centre.

- (9) Improvements to Nizamia Medical College (Unani).
- (10) Opening of Ayurvedic Dispensary at Alipur.
- (11) Development of Indian Medicine Pharmacy.

Against this programme, the posts of Secretary and Treasurers were continued, and additional staff and equipment was provided for Nizamia General Hospital besides conducting research in Ayurvedic, Unani and children's diseases. Grants have also been sanctioned to private teaching institutions, dispensaries and hospitals with Homeopathy and other systems of Indian Medicine. An amount of Rs. 9.34 lakhs was spent during the Plan period.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure 1956-61	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA.										
1.	Improvements to Andhra Medical College and King George Hospital, Visakhapatnam.	31.61	24.80	0.80	4.00	6.00	8.00	8.43	22.53	
2.	Upgrading of Pathology Department in Andhra Medical College, Visakhapatnam.	2.11	2.11	..	0.50	0.29	0.66	2.05	3.50	
3.	Guntur Medical College.	18.68	25.07	4.80	5.00	0.54	11.44	8.90	25.04	
4.	Government General Hospital, Guntur.	20.00	23.00	3.28	3.50	3.00	3.00	5.25	27.04	

Item	Unit	Physical Targets and Achievements							Total Achieve- ment during 1956-61-
		Target for 2nd Plan period (Revised)	Achievements during					1960-61	
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Additional Quarters for Nurse Students.	No.	1	..	..	..	..	1	1
Anatomy Block	1	..	..	..	..	1	1	
Mortuary Block	1	..	..	..	..	1	1	
R.M.O's Quarters	1	..	..	..	..	1	1	
Extension of Out-Patient Department.	..	1	..	..	..	..	1	1
Construction of additional Ward at Victoria Hospital.	..	1	..	..	..	..	1	1
Increase in Admissions	.. No. per year.	15	15	..	..	..	..	15
Increase in bed strength	No.	123	123	..	..	..	..	123
<i>grading the Department :</i>									
Appointment of Director	No.	1	1	..	..	..	..	1
Admission of candidates for post-graduate train-2in.	..	48	..	12	12	12	12	48	
Construction of 2nd floor-cum-pathology block.	..	1	..	..	..	..	1	1
Construction of Assembly cum-Examination Library Hall.	..	1	..	..	..	..	..	..
First floor over Men's Hostel.	..	1	..	..	..	..	1	1
First floor over Women's Hostel.	..	1	..	..	..	..	1	1
Increase in Admissions	70	50	..	20	..	..	70	
Construction of First floor over Pathology Block.	..	1	..	..	1	..	..	1
Increase in bed strength	150	..	..	150	..	..	150	
Construction of Compound Wall.	..	1	..	..	..	..	1	1
Electric Lift	1	..	..	..	..	1	1	
Establishment of Eye Clinic.	..	1	1	..	..	..	..	1
Construction of an Administrative Block.	..	1	..	..	..	..	1	1

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure 1950-6
		Second Plan Provision		Expenditure incurred in					1960-61	
		Original	Revised	1956-57	1957-58	1958-59	1959-60			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
5.	Government General Hospital, Kurnool.	20.00	12.12	..	3.00	3.00	2.42	3.51	11.98	
6.	Kurnool Medical College.	20.00	27.78	3.00	6.00	3.50	9.78	22.11	44.0	
7.	Training of Technicians.	0.75	0.67	..	0.15	0.20	0.12	0.20	0.67	
8.	Training of additional Compounders	1.10	1.03	0.22	0.24	0.21	0.15	0.21	1.03	
9.	Training of Additional Midwives	6.62	6.62	1.49	1.35	1.26	1.26	0.23	5.	
10.	Training of Additional Nurses	11.35	11.86	2.12	2.51	2.26	2.74	2.33	11.95	
11.	Improvement of District Headquarters Hospitals	48.49	46.17	0.70	4.30	8.00	21.17	16.48	50.63	
12.	Improvement to Taluk Hospitals.	9.91	12.60	1.17	1.68	1.86	3.84	6.66	11.71	
13.	Provincialisation of L.F. Dispensaries.	10.11	10.09	0.66	1.50	1.00	3.93	5.40	12.63	
14.	Upgrading of Dept. of Social and Preventive Medicine, Guntur and Kurnool.	1.20	1.20	0.21	0.10	0.14	0.37	0.05	1.17	
15.	Upgrading of History of Medicine Dept.	1.06	1.12	0.13	0.15	0.12	0.39	0.60	1	
16.	Improvements to Mental Hospital, Waltair.	8.50	5.80	..	..	1.00	0.80	2.97	4.77

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>Achievements during</i>					<i>Total Achievement during 1956-61.</i>
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Increase in bed strength ..	No.	360	50	70	..	..	..	120
(b) Construction of Mortuary and Clinical Lecture Hall.	..	1	..	1	..	..	..	1
(c) Construction of Administrative-cum-O.P. Block.	..	1	..	..	..	..	1	1
(d) Construction of 50 bedded Paediatric ward.	..	1	..	..	..	..	1	1
(e) Construction of Paediatric ward.	..	1	..	..	..	..	1	1
Staff and Improvement Scheme.								
Technicians trained ..	No.	60	12	12	12	12	12	60
Compounders trained ..	..	495	99	99	99	99	99	495
Midwives trained ..	..	474	158	158	158	95	158	727
Nurses trained ..	..	475	95	95	95	95	95	475
Increase in bed strength ..	..	422	422					422
Do. ..	..	316	316					316
L.F. dispensaries provincialised.	..	44	8	6	8	18	3	43
Staff scheme								
Staff scheme:								
(a) Acquisition of land ..	No. of acres.	28	..	28	..	..	..	28
(b) Construction of Compound wall.	No.	1	..	..	..	..	1	1

Financial Targets and Achievements

Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expenditure 1956-61.
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
17.	Dist. Laboratories and Regional Laboratories.	3.22	3.30	0.44	0.70	0.64	0.80	2.07	4.56
18.	T. B. Clinics ..	11.00	8.10	0.09	1.10	3.00	1.10	2.45	7.74
19.	Family Planning clinics.	4.06	1.90	0.26	0.25	0.16	0.69	1.51	2.87
20.	Training of Auxiliary Nurse Midwives.	2.12	3.59	..	..	0.56	2.25	4.33	7.14
21.	Training of Laboratory Assistants.	0.40	0.36	..	0.10	0.10	0.06	0.12	0.88
22.	Training of Auxiliary Health workers.	1.72	2.00	..	0.30	0.47	0.75	0.69	2.21
23.	Training of Public Health Nurses.	1.72	1.76	..	0.10	0.43	0.64	0.28	1.45
24.	Establishment of Primary Health Centres.	42.62	36.80	..	0.25	12.00	7.70	16.85	36.80
25.	Upgrading of Dist. Headquarters for Intenuees training.	5.00	4.90	..	0.25	0.50	0.15	2.14	3.04
26.	Opening of Dental College and Clinics.	6.00	3.19	..	..	0.50	0.49	0.01	1.00
27.	Mental Hospital and Psychiatric clinic, Guntur.	4.14	4.14	..	0.14	0.50	1.00	0.46	2.10
28.	Staff Medical Research.	0.50	0.38	..	..	0.13	0.06	0.02	0.21
29.	Control of Leprosy ..	7.00	6.26	..	0.45	1.00	1.81	2.88	6.14
30.	T. B. Isolation Beds ..	15.36	15.86	..	1.00	2.25	5.90	5.65	14.80
31.	Infectious Diseases Hospital at Visakhapatnam and Guntur.	7.00	7.07	..	..	0.50	1.57	1.25	3.32
32.	Infectious Diseases Hospital at Bhadrachalam and Tirupathi ..	5.00	4.77	0.50	1.27	0.73	2.50
33.	Special Diet Kitchen at Guntur and Kurnool.	1.69	1.28	..	0.06	..	0.20	0.23	0.49

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<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd Plan period (Revised)</i>	<i>Achievements during</i>					<i>Total Achievement during 1956-61.</i>
			<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1960-61</i>	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Establishment of:—								
(a) Regional Laboratories.	No.	2	..	1	1	..	..	2
(b) Dist. Lab.	..	6	..	..	2	2	2	6
T.B. clinics opened.	..	18	4	3	3	4	4	18
Family Planning clinics opened.	..	29	..	4	9	10	10	33
Auxiliary Nurse-Midwives trained.	..	860	..	90	90	90	90	360
Auxiliary Health Workers trained.	..	200	..	50	50	50	50	200
Lab. Assistants trained	..	24	..	6	6	6	6	24
Public Health Nurses trained.	..	48	..	12	12	12	12	48
Primary Health Centres opened.	..	200	6	23	22	38	28	117
Hospitals upgraded	..	3	..	..	..	1	2	3
Mental Clinics opened	..	13	2	..	8	1	7	13
Estt. of Psychiatric clinic	..	1	..	1	..	..	..	1
Staff scheme.								
Leprosy Subsidiary Centres opened.	No.	8	..	2	2	2	2	8
T.B. Isolation beds	..	570	57	..	150	160	185	570
Estt. of I.D. Hospitals	..	2	..	..	2	..	..	2
Do.	..	2	..	..	2	..	..	2
Opening of Special Diet Kitchens.	..	2	..	1	..	..	1	2

Srl. No.	Name of the Scheme	Financial Targets and Achievements)							Total Expenditure 1956-61.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
34.	Venerial diseases clinics.	4.43	2.62	..	0.10	0.05	0.77	1.42	2.34
35.	Ear, Nose and Throat clinics.	1.00	0.81	..	..	0.15	0.11	0.54	0.80
36.	Eye clinics	..	1.00	0.95	..	..	0.15	0.25	1.06
37.	Training of Sanitary Inspectors at Visakhapatnam.	6.06	4.50	0.74	0.78	1.76	0.50	0.05	3.83
38.	Training of Sanitary Inspectors at Guntur.	6.77	4.50	..	0.45	2.17	0.50	0.05	3.17
39.	S. V. Medical College, Tirupathi.	..	9.00	..	..	..	..	12.94	12.94
40.	Training of Assistant Surgeons.	1.00	0.47	..	0.12	0.25	0.10	..	0.47
41.	System of Indigenous medicine and research in Ayurveda.	0.40	1.71	..	0.12	0.07	0.60	0.80	1.49
42.	Central Laboratory of King Institute type.	15.00	5.00	..	..	..	..	..	..
43.	Anti T. B. Demonstration and Training centre.	6.65	0.85	..	..	..	..	2.50	2.50
44.	School Health Services.	2.92	..	..	..	..	..	..	..
45.	Establishment of full-time teaching units in the Andhra Medical College Visakhapatnam and Guntur Medical College.	0.55	..	..	..	..	..	..	..
Total for Andhra		370.77	345.41	20.06	45.15	60.22	103.84	136.70	365.97
TELENGANA									
1.	Upgrading of Osmania General Hospital and Osmania Medical College, Hyderabad.	59.24	48.36	..	10.14	12.00	18.36	31.28	71.78

Item	Unit	Physical Targets and Achievements							Total Achievement during 1956-61.
		Target for 2nd plan period (Revised)	Achievements during					1960-61	
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
V. D. Clinics opened ..	No.	11	..	3	3	2	3	11	
Establishment of Ear, Nose and Throat clinics.	..	8	..	..	2	3	3	8
Establishment of Eye clinics.	..	8	..	..	2	3	3	8
Sanitary Inspectors trained.	..	500	100	100	100	100	100	500	
Do.	..	500	100	100	100	100	100	500	
No specific targets.									
Staff scheme.									
(a) Opening of Ayurvedic and Unani dispensaries.	No.	5	..	..	1	1	3	5
Merged with Telangana scheme.									
Merged with Telangana Domiciliary T. B. Campaign.									
(a) Construction of New Osmania Medical College	No.	1	..	..	..	..	..	..
(b) Construction of Intern- ness quarters.	..	1	..	..	..	..	..	..
(c) Construction of addl. Lecture Hall.	..	1	..	..	..	1	..	1
(d) Construction of Nurses quarters.	..	1	..	..	..	..	..	..

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure 1956-61.
		Second Plan Provision		Expenditure incurred in					Total Expenditure 1956-61.	
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
2.	Upgrading of K.E.M. Hospital & Opening of Gandhi Medical College.	51.40	26.60	..	6.50	6.50	7.60	14.07	84.67	
3.	Establishment of Department of Social & Preventive Medicine in Osmania Medical College.	6.48	2.94	..	0.50	0.90	0.61	1.34	3.35	
4.	Training of Laboratory Assistants & X-ray Technicians.	0.90	0.73	..	0.05	0.20	0.20	0.10	0.55	
5.	Nurses training school and starting of B.Sc. course in Nursing.	4.40	4.04	..	..	1.95	1.09	0.61	3.65
6.	Radium Institute ..	8.00	4.40	..	1.50	1.00	1.40	1.42	5.32	
7.	Upgrading of District Hospitals.	18.00	22.40	..	1.30	2.00	6.60	17.95	27.85	
8.	Upgrading of Taluk Hospitals.	9.40	19.45	..	0.25	1.40	4.55	3.49	9.69	
9.	Increase in allotment of Medicine & instruments, equipment etc.	18.00	11.04	..	3.40	3.10	2.00	2.54	11.04	
10.	Upgrading of Dental Hospitals & Clinics.	2.50	2.69	..	0.20	0.50	0.19	1.24	2.13	

Item	Physical Targets and Achievements							Total Achievement during 1956-61.
	Unit	Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Construction of Lecture hall in Gandhi Medical College.	No.	1	..	..	..	..	1	1
(b) Operation theatre block	..	1	..	..	..	1	..	1
(c) Increase in bed strength	..	90	..	90	..	..	..	90
No Specific Targets.								
(a) Training of Laboratory technicians.	No.	48	..	12	12	12	12	48
(b) Medico-social workers	..	48	..	12	12	12	12	48
(c) X-ray technicians	..	48	..	12	12	12	12	48
(a) Establishment of a School.	..	1	..	..	..	1	..	1
(b) Admission of candidates for B.Sc. (Nursing).	..	85	..	..	..	15	20	35
(a) Increase in bed strength	..	85	..	40	25	20	..	85
(b) Starting of Course for D.M.R.	..	1	..	..	1	..	..	1
(a) Establishment of :—								
(i) Regional laboratory	..	..	..	..	1	..	..	1
(ii) District laboratory	..	..	..	..	2	2	2	6
(iii) E. N. T. Clinics	..	..	..	..	..	3	3	6
(iv) Eye clinics	..	..	..	..	..	3	3	6
Increase of Bed Strength.	..	398			398			398
Purchase of medicine value in lakhs equipment.		12.21	..	3.40	3.10	2.00	2.54	11.04
(a) Establishment of Dental clinics.	No.	9	..	4	..	1	4	9
(b) Opening of Dental Wing.	..	1	..	..	1	..	..	1

Financial Targets and Achievements

Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expen- diture 1956-61.
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
11.	Expansion of Domiciliary T. B. Campaign.	19.84	17.23	..	0.95	7.00	5.49	2.21	15.65
12.	V. D. Control programme.	0.11	1.60	..	0.11	0.05	0.65	1.06	1.87
13.	Establishment of special Diet Kitchen at Osmania General Hospital.	0.25	0.19	..	0.05	..	0.06	0.09	0.20
14.	Public Health Laboratory of K.I. Type.	5.36	5.13	..	0.60	3.00	1.53	3.01	8.14
15.	Leprosy Control programme.	3.72	3.54	..	0.10	0.50	0.82	1.60	3.02
16.	Paediatric centre, Niloufer Hospital.	..	7.51	..	..	1.30	2.81	4.02	8.13
17.	Improvements to Sarojini Devi Hospital, Hyderabad.	..	6.92	..	..	0.80	3.12	1.21	5.13
18.	Improvements to Maternity Hospital, Hyderabad.	..	3.37	..	..	..	0.37	0.93	1.30
19.	Improvements to Mental Hospital, Hyderabad.	..	5.85	..	..	0.20	2.15	11.85	14.20

Item	Unit	Physical Targets and Achievements						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Construction of After-care & Rehabilitation Centre.	No.	1	..	..	..	..	1	1
Anti T. B. Demonstration Centre.	..	1	..	1	..	..	..	1
T. B. Clinics	14	2	3	3	3	3	14
Establishment of V. D. Clinics.	..	9	..	2	2	1	2	7
Establishment of Laboratory.	..	1	..	1	..	..	..	1
Establishment of a special Diet Kitchen.	..	1	1	..	..	..	..	1
..
..
Establishment of Leprosy Sub-Centres.	..	4	..	1	1	1	1	4
..
..
Paediatric Centre	1	..	1	..	..	..	1
..
Construction of Administrative Block.	..	1	..	..	..	..	1	1
Construction of Out-patients Block.	..	1	..	..	..	..	1	1
Increase in bed strength	50	..	50
<i>Staff and improvements scheme.</i>								
..
Construction of 150 bedded Female ward.	..	1	..	..	..	1	..	1
Construction of Administration and Kitchen Block.	..	1	..	..	..	..	..	..

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
20.	Improvements to T. B. Hospital, Irrumnuma.	..	2.50	..	..	0.50	1.00	6.50	8.00
21.	Improvements to T.B. Hospital, Vikarabad	..	3.73	..	..	0.60	2.13	2.43	5.21
22.	Primary Health Centres	..	21.60	..	..	7.71	3.06	10.83	21.60
23.	Upgrading of Fever-Hospital, Lingampally	3.70	5.04	..	0.60	1.00	1.24	2.20	5.04
24.	Family Planning Clinics.	..	3.07	..	0.20	2.20	0.46	0.84	3.77
25.	Training of Refractionists and Opticians.	1.64	1.44	..	0.25	0.52	0.24	0.41	1.44
26.	Child guidance clinic and psychiatric department.	1.26	0.80	..	..	..	0.04	0.17	0.26
27.	System of Indigeneous Medicine and Research in Ayurveda.	6.14	10.43	..	0.47	2.86	2.82	3.69	9.14

(Rupees in lakhs.)

Item	Unit	Physical Targets and Achievements						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Increase in bed strength	No.	100	..	..	100	..	..	100
Construction of kitchen block.	..	1	..	..	..	..	1	1
Construction of Electrical Sub-station.	..	1	..	..	..	..	1	1
Construction of administrative block.	..	1	..	..	..	..	1	1
Construction of 16 bedded ward.	..	1	..	..	..	..	1	1
Construction of 56 bedded ward.	..	1	..	..	..	..	1	1
Construction of 40 bedded ward.	..	1	..	..	..	..	1	1
Increase in bed strength	..	100	..	..	100	..	..	100
Construction of 40 bedded T.B. ward.	..	1	..	..	..	..	..	..
Construction of Recreation hall.	..	1	..	..	..	..	1	1
Establishment of Primary Health Centres.	..	66	4	10	9	10	15	48
Increase in Bed strength.	..	80	..	..	80	50	..	80
Construction of an additional ward.	..	1	..	..	..	..	..	..
Establishment of Family Planning Clinics.	..	15	..	8	4	5	4	16
Establishment of Family Planning Centre.	..	1	..	..	1	..	..	1
fractionists and opticians trained.	..	48	..	12	12	12	12	48
Guidance clinics	..	1	..	..	..	1	..	1
Establishment of beds								
(i) Ayurveda	..	105	..	80	60	10	..	100
(ii) Unani	..	25	..	..	20	..	..	20
(iii) Homoeopathy	..	10	..	..	..	..	10	10

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(8)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
28.	Establishment of occupational Therapists.	0.75	..	..	..	..	..	..	..	..
29.	Appointment of Medico-Social Workers.	0.96	..	..	..	..	..	..	..	..
30.	Subsidised Medical Practitioners.	1.81	..	..	..	..	..	..	..	..
Total for Telengana		228.86	242.60	..	27.17	57.29	70.59	127.14	282.19	
Grand Total for Andhra Pradesh		594.68	588.01	20.06	72.82	117.51	174.48	268.84	648.16	

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>Achievements during</i>				<i>Total Achievements during 1953-81</i>	
			1956-57	1957-58	1958-59	1959-60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

Not Implemented

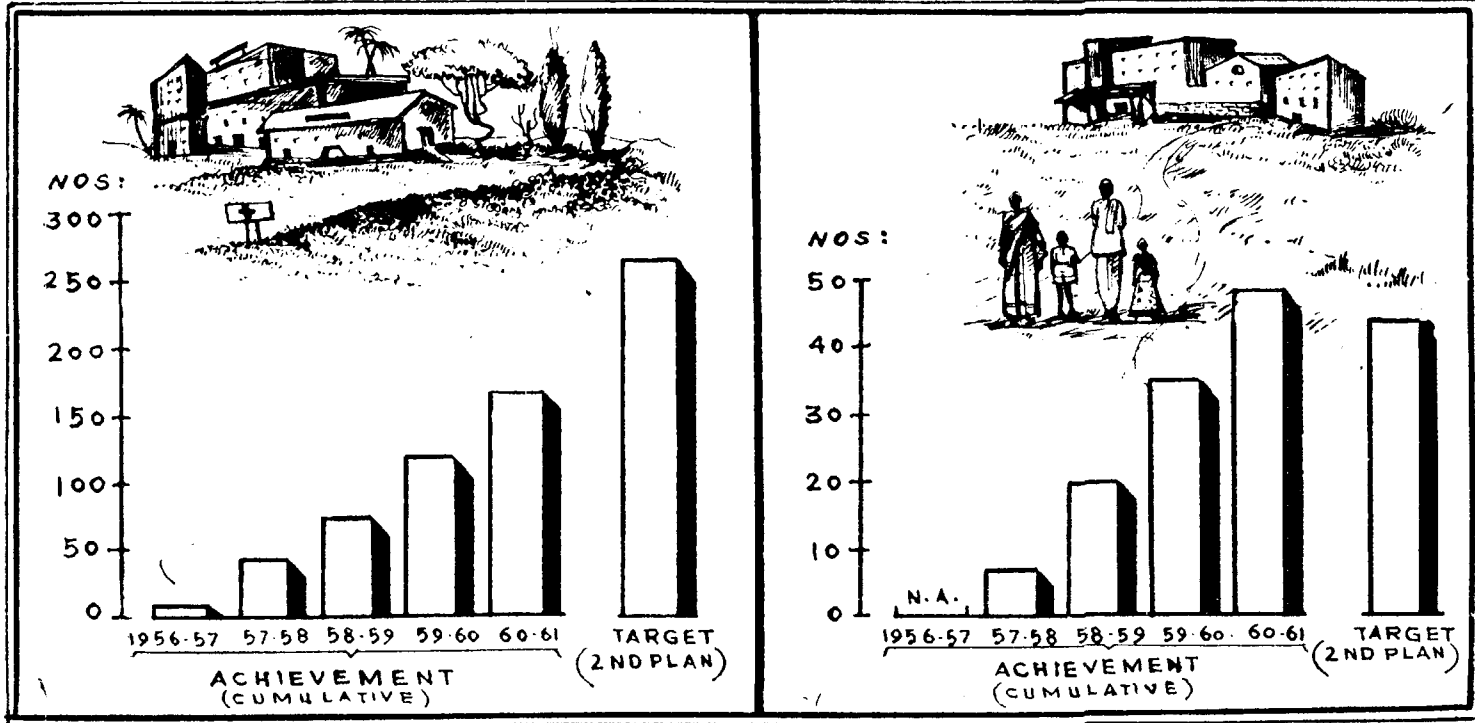
Do.

Do.

"Health"

PRIMARY HEALTH CENTRES

FAMILY PLANNING CLINICS



CHAPTER XXVII

PUBLIC HEALTH

The Plan for the development of Public Health during 1956-61 originally comprised of 24 schemes with a provision of Rs. 213.15 lakhs. During the course of the Plan period, 9 new schemes costing Rs. 9.72 lakhs were included in the Plan. However, 3 schemes costing Rs. 82.68 lakhs were either dropped or deferred from the Plan and the provision in respect of certain other schemes was revised, as a result of which the provision for the 32 schemes under implementation during the period amounted to Rs. 185.63 lakhs. Against this, there was an expenditure of Rs. 186.94 lakhs—Rs. 129.63 lakhs in Andhra Region and Rs. 57.31 lakhs in the Telangana Region. Some of the important physical achievements during 1956-61 are furnished in the following table.

IMPORTANT PHYSICAL TARGETS AND ACHIEVEMENTS

<i>Srl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Target for 1956-1961</i>	<i>Achievements during 1956-1961</i>
(1)	(2)	(3)	(4)	(5)
1.	Training of Health Personnel	No.	4,372	3,493
2.	Malaria Central Units	,,	2	2
3.	Hypo Endemic Units	,,	25	25
4.	Health Clinics	,,	13	13
5.	Family Planning Clinics (Rural)	,,	N.A.	180

An account of the progress made in respect of each of the schemes implemented is given below. Statement XXVII shows the financial and physical targets and achievements during the period under each scheme.

ANDHRA

Training of Health Visitors :

The school for the training of Health Visitors, opened in 1954 at Visakhapatnam was continued during the Second Five-Year Plan period also and 215 candidates underwent training in Health Visitors course during the Plan period, against the plan target of 260. Training in the Auxiliary Nurse Midwife's Course was imparted to 58 candidates thus almost achieving the target of 60 students. A sum of Rs. 4.73 lakhs was originally provided for this scheme in the Second Plan. The provision was later on reduced to Rs. 4.41 lakhs but the expenditure amounted to Rs. 4.45 lakhs.

Training of Dais :

A scheme for the training of 3,240 country midwives (Dais) to pursue their profession by adopting aseptic methods in the conduct of labour was started during the year 1956-57 towards overall improvement of domiciliary midwifery in rural areas and 2,306 candidates were trained during the Second Plan period. A sum of Rs. 1.90 lakhs was originally provided in the Second Plan for this scheme, but in view of the growing importance of the professional midwives, it was subsequently increased to Rs. 3.32 lakhs of which a sum of Rs. 3.01 lakhs was utilised during the Second Plan period.

Training of Public Health and Auxiliary Health Personnel :

During the first two years of the Second Plan 40 Public Health and Auxiliary Health Personnel were trained in the various specialities and during the remaining three years, 45 more were imparted training. Thus only 85 out of the Second Plan target of 202 candidates were trained during the Plan period. An expenditure of Rs. 2.38 lakhs was incurred on this scheme out of the Second Plan revised provision of Rs. 2.76 lakhs.

Training of General Trained Nurses in Public Health Nursing :

The scheme envisages the training of 10 General Trained Nurses in Public Health Nursing at Calcutta at the rate of 2 per year and so far 8 candidates were deputed. A sum of Rs. 0.24 lakh was originally provided

for this scheme in the State's Second Plan provision which was later on reduced to Rs. 0.22 lakh. An amount of Rs. 0.17 lakh was spent on the scheme during the Plan period.

Control of Communicable Diseases —(Smallpox Pilot Project) :

By way of implementing the recommendations of the Expert Committee set up by the Government of India on the control of Smallpox and Cholera, and as a prelude to the move to eradicate the diseases during the Third Five-Year Plan period, the Directorate of Public Health conducted 7,63,879 vaccinations in West Godavari District during the year 1960-61. An amount of Rs. 2.07 lakhs was spent during that year.

National Malaria Eradication Programme :

During the years 1956-57 and 1957-58 four Malaria Control Units were established, thereby providing protection for four million population from the risk of Malaria. These four units were continued during 1958-59 and National Malaria Control Programme was switched over to Malaria Eradication Programme from 1st April, 1958 under which intensive spraying was done in all parts of the State including those areas known as free from local transmission of Malaria, by supplying additional spraying equipment and D.D.T. In addition to the existing 4 Units, 16 Hypo-Endemic Units were opened during the year 1959-60 and all the existing units were continued during 1960-61. A sum of Rs. 81.45 lakhs was spent on this scheme during the Second Plan period as against the provision of Rs. 74.34 lakhs.

National Filaria Control Programme :

During the First Plan period, 2 survey units and one Control Unit were established under this scheme. While the two survey units were continued only up to the end of September, 1956, the control unit was continued during the Second Plan period. An expenditure of Rs. 4.47 lakhs was incurred on this scheme during the Plan period.

B.C.G. Vaccination Campaign :

B.C.G. Vaccination for the Control of T.B. was started during the First Plan period with one Central Administrative Unit and 6 Field Teams and they were continued

during the first three years of the Second Plan also. During the year 1959-60, besides continuing the existing unit, three additional field teams were established. A sum of Rs. 14.13 lakhs was originally provided in the Second Plan. This provision was later on reduced to Rs. 12.72 lakhs against which expenditure of Rs. 12.15 lakhs was incurred during the Second Plan period.

Nutrition Research :

A scheme of Nutrition Research for carrying out of existing dietary pattern, assessing dietary deficiencies, combating malnutrition found among the vulnerable groups and for supply of nutrient supplement and for education of the public on nutrition, was started by the establishment of a Regional Nutrition Unit in 1950 in the Andhra Region. During the year 1956-57 this Unit was continued besides starting a scheme of Research on Beri-Beri at Visakhapatnam and subsequently shifted to Guntur in collaboration with the Indian Council of Medical Research and the Research Corporation. The same was again shifted to Hyderabad. Another Nutrition Unit was established at Kurnool during 1957-58, but this unit was dropped in 1958-59 by the working Group, New Delhi. A sum of Rs. 3.29 lakhs was originally allotted for this scheme in the Second Plan which was later on revised to Rs. 3.61 lakhs. A sum of Rs. 3.01 lakhs was spent during the Plan period.

Rural Sanitation Unit :

A Nucleus Public Health Engineering Organisation was established in 1954-55 to study and evolve suitable designs needed for improvement of Rural Environment Hygiene. The scheme was continued during the Second Plan period also at a cost of Rs. 0.66 lakh against the revised Plan provision of Rs. 0.74 lakh.

Health Propaganda and Publicity :

During the year 1957-58, a Central Health Education (Propaganda) and Publicity Bureau was established in the Public Health Directorate to educate the masses on health and two vans were purchased besides maintaining the 11 jeeps and 2 Epidemic Control-*cum*-Propaganda vans previously purchased. A sum of Rs. 5.93 lakhs was spent on this scheme during the Second Plan period as against the revised Plan provision of Rs. 6.46 lakhs.

Establishment of Central Nutrition Laboratory :

Under this scheme, it was originally proposed to establish a Central Nutrition Laboratory at the Directorate of Public Health, Hyderabad. But subsequently one Regional Nutrition Unit with headquarters at Warangal was started during the year 1957-58 and one Assistant Director of Public Health was appointed for looking after the nutrition work. During the year 1958-59, the continuance of this scheme was not agreed to by the Working Group of the Government of India. The Central Nutrition Laboratory was established during the year 1959-60. Only a sum of Rs. 0.92 lakh out of the Second Plan provision of Rs. 1.47 lakhs was spent on the scheme.

Establishment of Central Malaria Laboratory and Museum :

A Central Malaria Laboratory was established in the year 1956-57 at Visakhapatnam to provide training facilities to the personnel employed under Malaria Control Schemes and it was shifted to Hyderabad during 1957-58 and continued. A sum of Rs. 1.12 lakhs was spent on this scheme during the Plan period.

School Health Services :

Two new Health Clinics were opened during the year 1959-60 for the benefit of the school going children, besides continuing the two Health Clinics established under this scheme during the year 1958-59. The expenditure on this scheme amounted to Rs. 2.96 lakhs as against Rs. 3.49 lakhs provided for the same in the revised Second Plan.

Rural Family Planning Clinics :

Under this scheme, 108 Rural Family Planning Clinics were opened in the Andhra Region during the period and an expenditure of Rs. 4.56 lakhs was incurred during the Plan period.

District Demonstration Project :

It was originally proposed to establish three District Demonstration Projects during the year 1959-60 at Visakhapatnam, Guntur and Kurnool, but as the matter was under correspondence with the Chief, U.N.I.C.E.F., Area Office, New Delhi, the scheme was not implemented. However, a sum of Rs. 0.40 lakh was provided for the

scheme in the annual plan for 1960-61 and the District Demonstration Projects have been established but only an expenditure of Rs. 0.11 lakh was incurred on the scheme due to late implementation of the scheme.

Vital Statistics and Health Statistics—Mechanisation and Compilation of Vital Statistics :

This scheme envisages the mechanisation and compilation of Vital Statistics in respect of births and deaths at the office of the Director of Public Health with a view to increase the efficiency of the compilation work. The scheme was implemented during the year 1959-60 and continued during the year 1960-61. Against a sum of Rs. 0.40 lakh provided in the Second Plan, a sum of Rs. 0.21 lakh was spent on this scheme during the Plan period.

TELANGANA

Training of Health Visitors :

During the Second Plan period it was proposed to impart training to 90 Health Visitors and 30 Auxiliary Nurse-Midwives to meet the shortage of the Health Personnel at an estimated cost of Rs. 4.54 lakhs. The provision was subsequently reduced to Rs. 3.29 lakhs, but training was given to 125 candidates for Health Visitors' Course and 89 candidates for Auxiliary Nurse-Midwifery Course. An expenditure of Rs. 2.56 lakhs was incurred on this scheme during the Plan period.

Training of Dais :

This scheme envisages the training of Country Midwives (Dais) in the Telangana Region and was taken up during the year 1959-60 and 140 candidates were trained. 460 candidates were admitted to the course during the year 1960-61. An amount of Rs. 0.56 lakh was spent on this scheme during the Plan period.

Training of Auxiliary Health Personnel :

Under this scheme 4 Health Officers were trained in 1959-60 and 1 Health Officer and 2 Women Officers were sent for training in the year 1960-61. An expenditure of Rs. 0.30 lakh was incurred on this scheme against the Second Plan provision of Rs. 0.47 lakh.

National Malaria Eradication Programme :

This scheme aims at the establishment of control units to control Malaria by intensive spraying. D.D.T. and equipment costing Rs. 1.03 lakhs was supplied during 1957-58 to the three units functioning in the Telangana Region. Besides the continuance of the three existing control units, 9 Hypo Endemic Units were established during the year 1959-60 and all these units were continued during 1960-61. A sum of Rs. 37.89 lakhs was spent on this scheme during the Second Plan period.

Nutrition Research :

A sum of Rs. 0.23 lakh was spent on Nutrition Research scheme against the plan provision of Rs. 0.28 lakh.

Liaison Officer for Five-Year Plan :

The ministerial work in the Directorate of Public Health increased enormously due to the implementation of various schemes under Five-Year Plans. It was therefore proposed to appoint one Liaison Officer with ancilliary staff during the Second Plan period and an amount of Rs. 0.09 lakh was spent during the Second Plan period against the plan provision of Rs. 0.19 lakh.

Village Medicine Boxes :

Under this scheme, 108 medicine boxes were distributed in the villages in the Telangana Region where there were no medical facilities. In addition to the maintenance of the boxes supplied previously, 1810 boxes were refilled with the medicine and a sum of Rs. 1.71 lakhs was spent on this scheme during the Second Plan.

M.C.H. Centres in Rural Backward Areas :

With a view to render maternity and child welfare service to the rural population of backward areas in Telangana Region, 2 Maternity and Child Welfare Centres were opened during 1957-58 on an experimental basis. Later on the number was increased to 12 and a sum of Rs. 1.25 lakhs was spent on this scheme during the Second Plan period.

School Health Services

This scheme aims at the provision of medical facilities to the school going children in Telangana Region at a

cost of Rs. 7.19 lakhs. 9 Health Clinics were established during the Plan period and an expenditure of Rs. 5.03 lakhs was incurred.

Family Welfare Centres :

This scheme provides for the establishment of Family Planning Clinics and during the Second Plan period 72 Family Planning Clinics were opened at a cost of Rs. 2.31 lakhs.

Health Education Scheme :

This scheme aims at the awakening of health consciousness among the masses in the rural areas by means of Audio-Visual Education. During the Second Plan period 8 epidemic vans were provided to carry out health propaganda, besides providing two 16 m.m. projectors. A sum of Rs. 3.32 lakhs was spent on this scheme during the Plan period as against a sum of Rs. 6.40 lakhs provided in the State's Second Plan.

Creation of 50 posts of Health Assistants :

In order to meet the day-to-day increasing vaccination work, 61 Health Assistants were appointed during 1959-60 and 1960-61 in the Telangana Region and a sum of Rs. 0.79 lakh was spent on this scheme during the Plan period.

Creation of 50 Posts of Health Inspectors :

It was felt necessary to enhance the reserve staff in Telangana Region to meet the exigencies of epidemic and leaves and 86 Leave Reserve Health Inspectors were appointed during the year 1959-60 and 1960-61. An expenditure of Rs. 0.93 lakh was incurred on this scheme during Plan period.

District Demonstration Project :

One District Demonstration Project was established during the year 1959-60 at Hyderabad at a cost of Rs. 0.06 lakh.

Smallpox Eradication Programme :

The Smallpox Eradication Programme was taken up in the twin cities of Hyderabad and Secunderabad and 2.86 lakhs of persons were vaccinated during the years 1959-60 and 1960-61. An expenditure of Rs. 0.28 lakh was incurred on this scheme.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA										
1.	Training of Health Visitors	4.73	4.41	0.45	0.69	0.77	0.98	1.56	4.45	
2.	Training of Dais ..	1.90	3.32	0.17	0.38	0.69	1.00	0.77	3.01	
3.	Training of Public Health and Auxiliary Health Personnel	4.06	2.76	0.24	0.47	0.75	0.46	0.46	2.38	
4.	Training of General Trained Nurses in Public Health Nursing.	0.24	0.22	0.04	..	0.02	0.06	0.05	0.17	
5.	Smallpox Pilot Project	..	..	..	..	..	..	2.07	2.07
6.	National Malaria Eradication Programme	33.07	74.34	3.53	5.37	12.45	25.83	34.27	81.45	
7.	National Filariasis Control Programme	24.91	3.61	0.69	0.57	0.75	0.86	1.60	4.47	
8.	B.C.G. Vaccination Campaign	14.13	12.72	2.05	2.17	2.50	2.36	3.07	12.15	
9.	Nutrition Research ..	3.29	3.61	0.24	0.53	0.80	0.71	0.73	3.01	
10.	Rural Sanitation Unit ..	0.99	0.74	0.07	0.09	0.08	0.16	0.26	0.66	
11.	Health Propaganda and Publicity	2.48	6.46	0.26	1.45	0.35	2.61	1.26	5.93	

Item	Unit	Physical Targets and Achievements						Total Achievements during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1. Health Visitors Trained . .	No.	260	49	26	80	32	28	215
2. Auxiliary Nurse Midwives Trained	No.	60	..	..	..	10	48	58
3. Dais Trained ..	No.	3,240	318	960	..	615	1,013	2,906
1. Asst. Director of Public Health	No.	5	..	1	1	1	..	3
2. Health Officers ..	No.	90	18	15	24	7	4	68
3. Senior Entomologists ..	No.	5	..	..	..	..	..	..
4. Woman Medical Officers	No.	10	..	2	2	..	2	6
5. Chief Entomologists ..	No.	1	..	1	..	..	..	1
6. Health Inspectors ..	No.	20	..	2	2	1	..	5
7. General Trained Nurses	No.	60	..	..	..	..	..	..
8. Health Visitors ..	No.	10	..	..	1	..	..	1
9. Medical Entomologist ..	No.	1	..	1	..	..	..	1
General Trained Nurses Trained	No.	10	2	..	1	3	2	8
1. Vaccinations conducted ..	No.	..	..	..	..	..	7,63,879	7,63,879
1. Opening of New Control Units	No.	2	2	2	..	..	..	4
2. Opening of Hypo Endemic Units	No.	16	..	..	..	16	..	16
1. Establishment of New Units	No.	4	..	..	..	..	..	..
2. Establishment of New Teams	No.	2	..	..	..	3	..	3
3. Opening of New Unit ..	No.	2	..	1	..	..	..	1
Staff Scheme								
1. Purchase of New Vans ..	No.	15	..	2	..	8	..	10
2. Purchase of Propaganda Vans	No.	..	..	..	..	3	..	3

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57-	1957-58-	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
12.	Establishment of Central Nutrition Laboratory	1.61	1.47	..	0.48	..	0.23	0.26	0.92
13.	Establishment of Central Malaria Laboratory and Museum ..	2.20	1.11	0.01	0.48	0.81	0.18	0.20	1.12
14.	School Health Services ..	..	3.49	..	..	0.65	0.86	1.45	2.96
15.	Rural Family Planning Clinics	..	1.68	..	..	..	1.40	3.16	4.56
16.	District Demonstration Project.	..	0.75	..	..	..	..	0.11	0.11
17.	Vital Statistics and Health Statistics—Mechanisation of vital Statistics.	0.62	0.40	..	..	..	0.17	0.04	0.21
18.	Measures for the prevention of epidemic diseases.	7.36	..	..	..	..	..	..	..
Total for Andhra Region ..		101.59	121.09	7.75	12.57	20.12	37.87	51.82	129.65
TELANGANA									
1.	Training of Health visitors	4.54	3.29	..	0.37	0.43	0.66	1.10	2.56
2.	Training of Dais ..	..	0.44	..	..	..	0.33	0.23	0.56
3.	Training of Auxiliary Health Personnel	..	0.47	..	..	..	0.15	0.15	0.30
4.	National Malaria Eradication Programme	12.93	36.04	..	1.50	3.24	13.25	19.90	37.30
5.	Nutrition Research Unit	..	0.23	..	..	..	..	0.23	0.23
6.	Liaison Officer, Five Year Plan	0.70	0.19	..	0.02	..	0.04	0.03	0.09
7.	Village Medicine Boxes	0.90	2.82	..	0.12	0.26	0.51	0.82	1.71

Item	Unit	Physical Targets and Achievements							Total Achievements during 1956-61
		Target for 2nd Plan period (Revised)	Achievements during					1960-61	
			1956-57	1957-58	1958-59-	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Establishment and Continuance of Central Nutrition Laboratory.	No.	1	..	..	..	1	..	1
No. Specific Targets.									
Establishment of Health clinics	..	4	..	..	2	2	..	4
Opening of New Clinics	No.	..	..	..	..	45	68	108
District Demonstration Project Opened	..	3	..	..	..	..	N. A.	N.A.
Staff Scheme									
Not Implemented									
1. Health Visitors Trained	No.	90	..	..	60	30	35	125
2. Auxiliary Nurse Midwives Trained	No.	30	..	..	..	30	59	89
1. Dais Trained	.. No.	480	..	..	..	140	460	600
1. Health officers Trained	No.	..	..	..	..	4	1	5
2. Women Medical Officers Trained	No.	..	..	..	..	..	2	2
Establishment of Hypo Endemic Units	No.	9	..	..	..	9	..	9
No Specific Targets									
Staff Scheme									
1. Village Medicine boxes Supplied	No.	108	..	54	54	..	..	108
2. Refilling of old boxes	.. No.	..	..	..	..	905	905	1810

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
8.	M.C.H. Centres in Rural Backward Areas	4.04	2.53	..	0.13	..	0.31	0.81	1.25
9.	School Health Services ..	8.28	7.19	..	0.65	1.09	1.22	2.07	5.03
10.	Family Welfare Centres..	2.48	2.28	..	0.25	0.28	0.73	1.05	2.31
11.	Health Education Scheme	2.37	6.40	..	0.90	0.32	0.81	1.29	3.32
12.	Creation of 50 posts of Health Assistants	..	1.08	..	..	..	0.32	0.47	0.79
13.	Creation of 50 posts of Health Inspectors	..	1.33	..	..	..	0.35	0.58	0.93
14.	District Demonstration Project	..	0.20	..	..	..	0.01	0.05	0.06
15.	Small Pox Eradication programme in the twin cities of Hyderabad and Secunderabad	..	..	..	..	..	0.28	..	0.28
16.	Establishment of Medical and Health units	61.92	..	..	..	..	..	..	..
17.	Natinal Filaria control..	13.40	..	..	..	..	..	..	..
	Total for Telengana ..	111.56	64.54	..	3.94	5.62	18.97	28.78	57.31
	Grand Total for Andhra Pradesh.	213.15	185.63	7.75	16.51	25.74	56.84	80.10	186.94

CHAPTER XXVIII

Urban Water Supply and Sanitation Schemes :

In the Second Plan a sum of Rs. 292.79 lakhs was allotted for expenditure on Urban Water Supply and Drainage Schemes and on National Rural Water Supply and Sanitation Schemes. This provision was subsequently revised to Rs. 276.22 lakhs and against this there was an expenditure of Rs. 270.79 lakhs Rs. 231.89 lakhs in the Andhra Region and Rs. 38.90 lakhs in the Telengana Region. During this period, 441 wells were constructed besides providing water supply facilities to 361 villages.

An account of the progress made in respect of each of the schemes implemented during 1956-61 is given below. Statement XXVIII appended shows the financial and physical targets and achievements during the period under each scheme.

ANDHRA

Urban Water Supply and Sanitation Scheme :

This is a centrally sponsored scheme. An amount of Rs. 155.04 lakhs was provided in the revised Plan towards the State's share of expenditure on this scheme. Under this scheme 33 works were undertaken at a total estimated cost of Rs. 379.92 lakhs during the Plan period against which an expenditure of Rs. 330.88 lakhs was incurred. The State's share of Rs. 155.04 lakhs related to only 17 works and this amount was spent by the end of the third year of the Plan. The scheme was continued during the last two years by the utilisation of funds provided entirely by the Central Government. Details of the schemes financed under the State Plan as also those financed under the State and the Central Plans are furnished in the table I appended.

National Rural Water supply and Sanitation Scheme :

This scheme envisages the provision of drinking water and sanitation facilities in rural areas and during the First Five Year Plan period, 4 units covering 447 villages were set up in Visakhapatnam, Macherla, Kadiri and Pathikonda

for intensive development of sanitation facilities. During the Second Five Year Plan period besides continuing these 4 units, it was proposed to take up the Bhadrachalam and Srisailam water supply schemes and also to set up two more units one at Pulivendala and another at Srikakulam, and towards this a sum of Rs. 79.40 lakhs was allotted in the Plan for the provision of drinking water facilities to 647 villages and construction of 1,885 latrines. However, a sum of Rs. 76.85 lakhs was spent on this scheme and 361 villages were provided with drinking water facilities and 3,695 latrines were constructed during the Plan period. The Bhadrachalam and Srikakulam water supply schemes were nearing completion at the close of the Plan period.

Rural Water supply and Drainage Scheme :

An amount of Rs. 2.39 lakhs was provided in the revised Plan towards State's share of expenditure on this scheme, and 2 works *viz* Karimnagar W.S.S., and Tandur W.S.S. were taken up for execution and these were completed by the end of the 2nd Year of the Plan. Besides these works, 5 more works were taken up during the Plan period under the Central Plan. Details of the progress of schemes financed under the State Plan and the Central Plan are furnished in table appended.

TELANGANA

National Rural water Supply :

A sum of Rs. 39.30 lakhs was provided in the Second plan under National Rural Water-supply Schemes to be implemented in Telengana region and it was proposed to provide 533 drinking water wells and construct 2,854 latrines during the Plan period. For this purpose 3 units at Kattadan, Gadwal and Utnoor were established and 441 drinking water wells were sunk besides the construction of 2,793 latrines during the Plan period. An expenditure of Rs. 36.51 lakhs was incurred on this scheme during the Plan period.

STATEMENT
WATER SUPPLY

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expendi- ture.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA :									
1.	Urban Water-supply and Drainage.	157.48	155.04	88.77	49.39	16.88	..	..	155.04
2.	National Rural Water supply & Sanitation.	95.97	79.40	24.40	10.66	11.89	19.16	10.74	76.65
Total for Andhra		258.40	234.44	113.17	60.05	28.77	19.16	10.74	231.89
TELENGANA :									
1.	Urban Water Supply & Drainage.	..	2.39	1.28	1.16	..	..	..	2.39
2.	National Rural Water Supply & Sanitation.	39.39	39.39	0.48	6.00	11.22	10.06	8.75	36.51
Total for Telengana :		39.39	41.78	1.71	7.16	11.22	10.06	8.75	38.90
Total for Andhra Pradesh		292.79	276.22	114.88	67.21	39.99	29.22	19.49	270.79

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

No. specific Targets.

Villages Provided with Water Supply facilities.	No.	647	78	81	96	58	108	861
Latrines Constructed	.. ,,	1,885	..	..	8,598	101	1	3,695

No specific Targets.

Wells Sunk	.. No.	533	..	..	186	164	39	441
Latrines Constructed	.. ,,	2,854	..	..	770	1,456	558	2,798

TABLE
 DETAILS OF WORKS EXECUTED UNDER URBAN WATER

Srl. No.	Name of the Scheme.	Second Plan Provision (Revised)	Financial Targets and Achievements					Total Expenditure	
			Expenditure incurred in						
			1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
ANDHRA									
1.	Guntur W.S.S	..	8.120	6.510	1.610	..	..	..	8.120
2.	Kakinada (P.I. & III) W.S.S	..	3.530	3.530	..	..	..	..	3.530
3.	Peddapuram W.S.S	..	6.242	0.360	5.722	..	0.168	..	6.250
4.	Tirupati W.S.S	..	0.520	0.520	..	..	..	..	0.520
5.	Cuddapah W.S.S	..	6.380	6.380	..	..	..	..	6.380
6.	Nandyal W.S.S	..	3.000	3.000	..	..	..	..	3.000
7.	Chittoor W.S.S	..	4.950	4.950	..	..	..	..	4.950
8.	Hindupur W.S.S	..	0.470	0.470	..	..	..	..	0.470
9.	Guntakal W.S.S	..	3.600	2.710	0.420	0.470	..	..	3.600
10.	Visakhapatnam W.S.S improvements 3 estimates Part I and III.	..	1.385	..	1.385	..	..	..	1.385
11.	Srikakulam, W.S.S	..	6.800	..	6.170	0.630	..	..	6.800
12.	Visakhapatnam Partial Drainage.	..	..	..	..	..	..	..	..
13.	New Gosthani W.S.S	..	81.990	50.000	8.131	18.019	..	..	76.150
14.	Vijayanagaram W.S.S Improvement Scheme.	..	12.421	..	11.250	0.061	..	..	11.311
15.	Vijayawada W.S. Improvements Scheme Stage I and II.	..	22.090	4.420	0.970	4.900	6.518	3.764	20.572
16.	Proddatur W.S. Impr: Scheme.	..	5.550	..	..	2.000	2.210	1.280	5.490
17.	Penukonda W.S.S.	..	2.990	..	..	0.323	1.000	1.670	2.993
18.	Jaggiahpetta W.S.S.	..	5.080	..	..	..	3.607	1.433	5.040
19.	Auantapur W.S.S.	..	7.207	..	5.880	0.657	0.600	0.020	7.157
20.	Anakapally W.S.S. (1st stage).	..	9.600	..	..	2.000	2.000	2.659	6.659
21.	Gudur W.S. Impr Scheme.	..	8.370	..	..	3.000	2.670	0.010	5.680
22.	Nellore W.S.S.	..	30.040	..	..	4.000	14.000	17.040	35.040
23.	Prabathipuram W.S.S.	..	9.000	..	..	1.800	3.500	3.700	9.000
24.	Gudiwada W.S.S. (1st Stage).	..	12.680	..	..	..	3.596	2.344	5.940

(Rupees in lakhs.)

SUPPLY AND DRAINAGE SCHEMES

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)

Item 1 to 16. The Municipalities have drawn the complete loan portion as per eligibility in accordance with the method of financing the Scheme. They are nearing completion.

- .. 95% of the work completed.
- .. Works in progress.
- .. Works in progress.
- .. 95% of the work completed
- .. Works in Progress.
- ... Do.
- .. Do.
- .. Do.
- .. Do.
- .. 80% of the work completed.

TABLE
DETAILS OF WORKS EXECUTED UNDER URBAN WATER

Srl. No.	Name of the Scheme	Financial Targets and Achievements						Total Expenditure.
		Second Plan Provision (Revised)	Expenditure incurred in					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
25.	Kakinada W.S.S. (filter bed).	5.490	..	..	..	0.074	1.006	1.080
26.	Gambhirammedda-Reservoir. W.S.S.	14.500	..	..	..	2.000	4.714	6.714
27.	Kurnool W.S. Impr. Scheme.	8.970	..	..	..	0.500	2.000	2.500
28.	Adoni W.S. Impr: Scheme (1st stage).	18.890	..	..	..	15.100	4.100	19.200
29.	Adoni W.S. Impr: Pilot Scheme	3.470	..	..	..	..	1.900	1.900
30.	Ongole WSS. (1st stage)	..	..	..	..	4.290	13.160	17.450
31.	Vijayawada Drainage (1st stage).	43.137	5.920	3.056	5.022	2.590	6.130	22.711
32.	Eluru Drainage Scheme (1st stage).	34.540	..	4.800	9.141	4.165	1.224	19.330
33.	Salur W.S.S.	3.953	..	..	2.600	1.350	0.003	8.956
Total Andhra Region.		379.915	88.770	49.394	54.623	69.938	68.157	330.887
TELANGANA REGION								
1.	Karimnagar W.S.S.	1.460	0.697	0.760	..	..	..	1.457
2.	Tandur W.S.S.	0.930	0.533	0.400	..	..	..	0.933
3.	Khammam W.S.S.	14.000	..	..	2.000	..	..	2.000
4.	Nizamabad W.S.S. (1st stage).	10.925	..	..	1.000	0.500	1.333	2.858
5.	Warangal W.S.S. (1st stage).	28.000	..	..	2.000	3.478	4.300	9.778
6.	Secunderabad W.S.S.	20.270	..	..	..	2.530	4.320	6.850
7.	Hyderabad Drainage (Impr: 1st stage)	25.000	..	..	2.500	6.000	3.390	11.890
Total Telangana Region		100.585	1.230	1.160	7.500	12.508	13.343	85.746
Grand Total for Andhra Pradesh		480.500	90.000	50.554	62.123	82.446	81.500	366.633

CHAPTER XXIX.

HOUSING

A sum of Rs. 516.27 lakhs was originally provided in the plan for 1956-61 for expenditure on various housing programmes. This provision was subsequently revised to Rs. 479.94 lakhs and against this there was an expenditure of Rs 418.79 lakhs. Of this, a sum of Rs. 187.32 lakhs was spent in the Andhra region and the remaining amount of Rs. 231.47 lakhs was spent in the Telengana region. During this period 7801 Tenements of various types were constructed under Subsidised Industrial Housing, Low Income Group Housing and Sweepers Housing Schemes. In addition to this, 1138 plots were developed under slum clearance and 210 master plans were prepared under rural Housing Scheme. An account of the progress made in respect of each of the Scheme's implemented is given below. Statement XXIX appended shows the schemewise financial and physical targets and achievements during 1956-61.

ANDHRA.

Slum Clearance Scheme.

This is a centrally sponsored scheme and 75% of the cost of the scheme is borne by the Government of India (50% as loan and 25% as subsidy). The State Government or the Local Bodies as the case may be will bear the remaining 25% of the cost of the scheme. During the Second Five-Year Plan period it was proposed to take up the following Slum clearance Schemes in the Andhra Region with a view to developing 1900 plots and constructing 300 tenements at an estimated cost of Rs. 4.89 lakhs.

- (1) Visakhapatnam .. Gangipeta Slum Clearance Scheme.
- (2) Vijayawada .. Bhaskararaopeta Slum clearance Scheme.
- (3) Guntur .. Isreilapeta Slum Clearance Scheme.
- (4) Chirala .. Vidalanka Slum Clearance Scheme.

However, on account of the non availability of suitable lands at reasonable price and also due to the delays involved in the land acquisition proceedings, only 1,138 plots could be developed during the plan period at a cost of Rs. 1.07 lakhs and no tenements were constructed.

Subsidised Industrial Housing Scheme.

This scheme envisages construction of tenements for the industrial workers with the financial assistance from the Government of India in the shape of loans and subsidies. Two types of houses are built under this scheme *viz.*, Single Room tenements at a cost of Rs. 2,700/- each and double room tenements at a cost of Rs. 3,300/- each which includes cost of land and its development charges but excludes the cost of provision of external services like water Supply, sanitation, electric fittings, etc. The Government of India, have subsequently raised the ceiling limits to Rs. 3,300 per single room tenement and Rs. 3,850/- per double room tenement, due to increased costs.

A sum of Rs. 45.65 lakhs was provided for the construction of 1378 houses in the Andhra Region. Under this scheme during the Second Five-Year Plan period only 710 houses were completed by the end of the plan period at a cost of Rs. 25.35 lakhs. Of these 300 were constructed at Vijayawada, 100 at Adoni, 100 at Rajahmundry, 50 at Gudur, 110 at Bugganapalli and 50 at Nandyal, and 150 at Vishakapatnam are under Construction. As lands could not be acquired as programmed-construction of 100 SRTS at Rajahmundry, 100 SRTS at Eluru, 50 SRTS at Visakhapatnam, 200 SRTS at Guntur and 68 SRTS at Kalahasti could not be taken up during the Second Plan period.

Low Income Group Housing Scheme.

This scheme envisages sanction of loans to individuals whose income does not exceed Rs. 6,000/- per annum. The maximum amount of loans which were sanctioned in each case is fixed at Rs. 8,000/-. The Central Government advances loans to State Governments payable in

30 annual instalments at $4\frac{1}{2}\%$ interest per annum and the scheme was implemented in Andhra Pradesh by the following agencies :—

- (1) Government Sector.
- (2) Co-operative Sector.
- (3) Municipal Sector.

In Andhra, it was implemented by the 2nd and 3rd agencies.

(a) Co-operative Sector.

Loans under the Co-operative Sector are sanctioned to eligible members of the co-operative Housing Society within the income limit of Rs. 6,000 per annum. The loan assistance is restricted to 80% of the cost of construction subject to a maximum of Rs. 8,000 per House. The builders should meet the remaining 20% of the cost from their own resources. A sum of Rs. 93.84 lakhs was provided in the plan for the construction of 1,515 houses in the Andhra Region during the plan period. The Scheme was very popular in the Region and an expenditure of Rs. 139.69 lakhs was incurred on the construction of 2,155 houses. Besides 671 houses were in different stages of Construction.

(b) Local Bodies.

Under this scheme, loans are granted to Local Bodies for the construction of houses for low-paid employees. However, 80% of the cost only is granted as loan while the Local Bodies are expected to find the remaining 20% from their resources. A sum of Rs. 19.88 lakhs was provided in the plan for advancing Loans to the Municipalities for the constructions of 520 houses during the Second Plan period. 423 houses were constructed by the end of the plan period and the expenditure on the scheme amounted to Rs. 17.36 lakhs.

Rural Housing.

The Village Housing Project is a centrally sponsored scheme which envisages the establishment of a number of Housing Projects in selected villages in the Community Development Blocks with the loan assistance advanced

to the villagers for construction of houses on aided self-help basis. This scheme was taken up for implementation in March, 1958 and Master Plans were prepared in respect of 200 villages as against the plan target of 450 villages. A sum of Rs. 1.18 lakhs was spent on this scheme during the plan period.

TELANGANA

Slum Clearance and Sweeper's Housing.

This scheme envisages clearance of slums, development of plots and construction of tenements in Yakatpura and Domalguda localities by the Hyderabad Housing Board. An amount of Rs.26.82 lakhs was provided in the revised plan for the construction of 468 tenements. However, only 452 tenements were constructed at a cost of Rs.10.07 lakhs during the plan period.

Subsidised Industrial Housing

Under this scheme, construction of single and double room tenements were taken up by the erstwhile Hyderabad State with financial assistance of the Government of India for housing Industrial workers at Chikkadpalli, Sithaphalmandi and Amberpet colonies of Hyderabad city and in Warangal, Khammam and Nizamabad Towns. During the plan period a sum of Rs.47.06 lakhs was spent for the construction of 1211 tenements as against a provision of Rs.50.41 lakhs intended for the construction of 1536 tenements.

Low Income Group Housing Scheme

(a) Government Sector

In order to meet the dearth of houses, the Government of India have sponsored the low income group housing scheme. 80% of the amount will be financed by the centre by way of loan and the balance 20% will be met by the State Government. Under this scheme, the State Government took up the construction of houses through the C.I.B. and the Housing Board for the purpose of sale on hire purchase system to Government Employees and the public in the ratios fixed by the Government of India. During the Second plan period

it was proposed to build 1,353 houses at a cost of Rs. 76.08 lakhs. However, 1,422 houses were built during the plan period and a sum of Rs.70.52 lakhs was spent on this scheme.

(b) *Municipal Sector*

This scheme contemplates distribution of loans to the Municipalities and corporation of Hyderabad for the construction of houses for their low paid employees. Out of a provision of Rs.27.00 lakhs intended for the construction of 679 houses, a sum of Rs.26.15 lakhs was utilised during the plan period and the targetted number of houses were completed.

(c) *Co-operative Sector*

Under this scheme, long term loans were granted to members of Housing Co-Operative Societies in Telengana region, especially in the twin cities of Hyderabad and Secunderabad to enable them to construct houses. An amount of Rs. 86.21 lakhs was provided in the revised plan for the construction of 415 houses during the plan period. But only 682 houses were constructed during the plan period at a cost of Rs.77.67 lakhs.

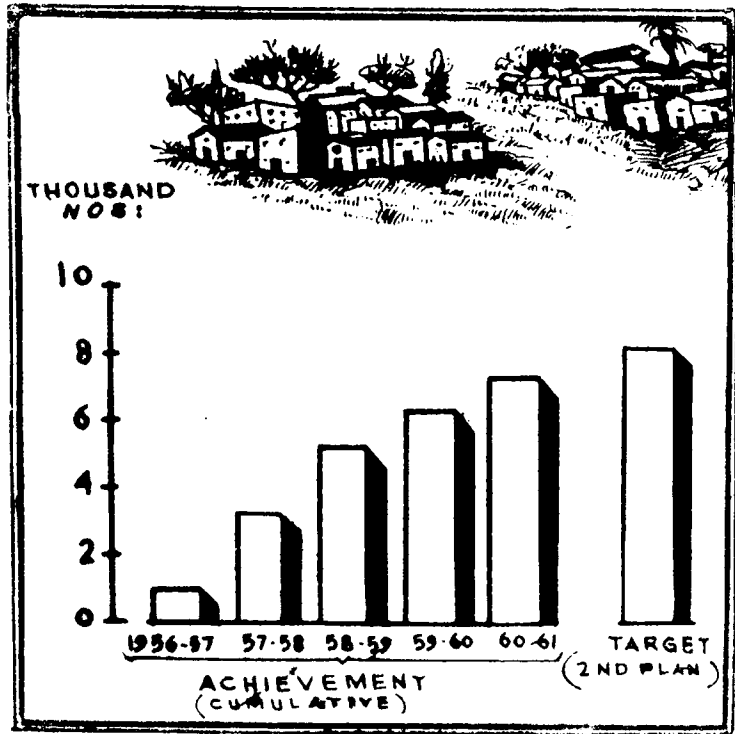
(Rupees in lakhs.)

ANN
EX

Item	Unit	Physical Targets and Achievements						Total Achievements during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Development of plots.	No.	1900	..	..	888	250	..	1138
Tenements constructed.	„	300	..	..	..	..	..	..
do	„	1878	100	200	250	..	160	719
do	„	1515	445	426	448	261	515	2155
do	„	520	..	155	119	54	95	425
reparation of Master plans.	„	270	..	..	30	81	99	210
tenements constructed.	„	170	15	16	23	6	7	67
tenements Const.	No.	468	..	246	98	108	..	452
do	do	1536	46	740	178	197	50	1211
do	do	1353	387	492	388	67	138	1422
do	do	679	100	235	54	99	191	679
do	do	415	140	20	170	180	172	682

"Housing"

NO. OF HOUSES BUILT.



CHAPTER XXX

LABOUR AND LABOUR WELFARE.

With a view to providing improved health services wider provision for social security, better educational facilities and increased recreational and cultural facilities to the Labour and in order to establish a competent machinery capable of harmoniously synchronising the demand and supply of Labour under existing conditions, 20 schemes were included in the plan for 1956-61 with a provision of Rs.88.06 lakhs. This provision was subsequently revised to Rs.76.50 lakhs. However, only 19 schemes were implemented during the period under review and on these schemes, there was an expenditure of Rs. 65.85 lakhs during the period under review. Of this, a sum of Rs, 29.70 lakhs was spent in the Andhra Region while the remaining amount of Rs.36.15 lakhs was spent in the Telengana Region. Some of the important physical achievements during this period under this development head are furnished in the following table.

Sl. No.	Item.	Unit.	Target for 1956-1961.	Achievement during 1956-1961.
1	2	3	4	5
1.	Labour Welfare Centres opened.	No.	10	10
2.	Employment Exchanges opened.	,,	9	10
3.	Employment Market Information Centres Opened.	,,	11	8
4.	Dispensaries opened under E.S.I. Schemes	,,	..	10
5.	Candidates Admitted in Industrial Institutes.	,,	6,688	6,398

An account of the progress made in respect of each of the scheme implemented is given below. Schemewise details of the financial and physical targets and achievements are furnished in the Statement appended.

ANDHRA

Extension of Coverage of Employment Service.

A sum of Rs. 0.95 lakh—0.21 lakh for Andhra Region and the remaining Rs. 0.74 lakh for Telangana Region was provided in the Second Plan for the establishment of 8 District Employment Exchanges and 2 Employment Information & Asst. Bureau. As programmed the District Employment Exchanges and the Employment Information Bureau were established in each District Headquarters besides one at Nagarjunasagar by the end of the plan period. A sum of Rs.0.95 lakh—Rs.0.21 lakh in Andhra Region and Rs.0.74 lakh in Telangana Region was spent during the plan period.

Collection of Employment Market Information :

This scheme envisages collection of information on employment both in the private and public sectors. A sum of Rs.0.77 lakh—Rs.0.52 lakh for Andhra Region and Rs.0.25 lakh for Telangana Region was provided in the Second Plan for the establishment of 11 Employment Market Information Centres in the State. Accordingly the Employment Market Information Units were established in the Districts of Vizag, Krishna, Guntur, Warangal and East Godavari during 1959-60 and the Scheme was extended to West Godavari, Kurnool, Chittoor and Nalgonda Districts by the end of 1960-61. By the end of the Second Plan 10 Districts in the State have been covered with Market Information Units. A sum of Rs.0.75 lakhs—Rs 0.50 lakh for Andhra Region and Rs.0.25 lakh for Telangana Region was spent on this scheme during the plan period.

Youth Employment Service and Employment Counselling :

This scheme is intended for giving proper guidance to employment seekers in the choice of their occupation. A sum of Rs.0.40 lakh—Rs.0.21 lakh for Andhra Region and Rs.0.19 lakh for Telangana Region was provided

in the Second Plan. This scheme was implemented during 1957-58 at Hyderabad and extended to Vijayawada Guntur, Kurnool, Vizag, Warangal and Kakinada. A sum of Rs. 0.39 lakh-Rs.0.19 lakh in Andhra Region and Rs.0.20 lakh in Telangana Region was spent during the Plan period.

Occupational Information :

To facilitate correct analysis of the technical abilities of applicants and the technical requirement of the corresponding trades for matching up action and also to build up a comprehensive occupational dictionary which would provide nomenclature of trades and occupation an Occupational Research and Analysis Unit was established at the Headquarters at Hyderabad in the year 1956-57 and a sum of Rs.0.15 lakh was spent during the plan period.

Establishment of Labour Welfare Centres :

It was proposed to establish 3 'A' type Welfare Centres at Vijayawada, Guntur and Visakapatnam to provide recreational and educational facilities to the working class people and a provision of Rs.4.48 lakhs was made in the Second Plan for this purpose. The three Welfare Centres were established during the plan period and the construction of permanent buildings for Labour Welfare Centre at Vijayawada was completed during 1959. The remaining buildings at Guntur and Vishakapatnam were at different stages of progress by the end of the plan period. A sum of Rs.3.08 lakhs was spent on this scheme during the Second Plan period.

Employee's State Insurance Scheme :

At the instance of Government of India, during 1957-58, it was proposed to extend the medical benefits under this scheme to the families of the insured workers also. However, this scheme could not be implemented during that year. In 1958-59 steps were taken to upgrade 9 dispensaries (6 in Andhra 3 in Telangana) to provide medical aid to the families of insured persons. Besides this, 4 New Dispensaries were opened at Secunderabad, Sultanbazaar, Dabirpura and Vijayawada in addition to the conversion of 2 part-time dispensaries at Paddakakani and Malkapuram into

full-time dispensaries. The construction of Employee's State Insurance Dispensary at Kavadiguda was taken up at the fag end of the year 1958-59. During the year 1959-60 the medical benefits, where the E.S.I. Scheme was already in force were extended to the families of insured persons. The scheme was also extended to Warangal, and Sirpur (Kagaznagar) by opening 3 full-time dispensaries (1 at Warangal and 2 at Sirpur) A 32- bedded ward was consturcted as Annex to K.E.M. Hospital, Secunderabad for the exclusive use of insured persons was put into the use and also a 16 bedded ward was opened as Annexe to Hospital for the diseases of Chest and T.B. at Irramnuma. As these beds were found inadequate due to rash of patients, additional 8 beds were recently provided for by obtaining Government sanction. During 1960-61 medical facilities under this scheme were extended to Adoni and Kakinada by opening 3 dispensaries. The construction of the building for E.S.I. Dispensary at Kavadiguda was completed.

Besides this a sum of Rs.20.00 lakhs has been sanctioned by the E.S.I. Corporation for construction of the following dispensary buildings and Medical Officer's and staff quarters during the Second Five-Year Plan to be entirely borne by E.S.I. Corporation.

1. Sirpur Kagaznagar-2 Sets of dispensaries
2. Chittivalasa.
3. Nellimerla.
4. Warangal.
5. Hyderabad.

At the above places, sites have been selected and attempts are being made for the acquisition of land.

According to the phased programme of the E.S.I. Corporation, it was proposed to cover all places in India where there are more than 1,500 insured persons before the end of Second Five-Year Plan. This Programme was strictly adhered to in Andhra Pradesh and all places in Andhra Pradesh having 1,500 and more persons had been fully covered. Against the

plan provision of Rs.4.33 lakhs a sum of Rs.4.35 lakhs was spent on this scheme in Andhra Pradesh during the Second Plan Period.

7. *Expansion of Training facilities for Craftsmen :*

(a) *Industrial Training Institute, Nellore.*—This Institution was started during 1957-58 with an intake capacity of 16 trainees to be admitted every 9 months. During 1958-59 a Second Shift was introduced in this Institute, 672 candidates were trained during the plan period. Permanent building for this Institution is also under construction. A sum of Rs. 4.42 lakhs was spent on this scheme during the plan period against the plan provision of Rs. 4.82 lakhs.

(b) *Industrial Training Institute—Visakhapatnam.* This Institute was started during 1957-58 and 1,008 candidates received training during the plan period. An expenditure of Rs. 4.80 lakhs was incurred on this scheme as against the plan provision of Rs. 5.41 lakhs.

(c) *Industrial Training Centre—Vuyyuru.* The Industrial Training Centre at Vuyyuru was upgraded as a full-fledged Institution by the provision of 224 more seats in various Engineering Trades. The Institution has been shifted to its permanent building at Vijayawada by the end of the year 1960-61. A sum of Rs. 4.97 lakhs was spent on this scheme during the plan period and 560 candidates were trained.

(d) *Deficit Equipment for existing Industrial Training Institutions.*—This scheme was intended for providing deficit equipment for the 3 Industrial Training Institutions at Kakinada, Anantapur, and Vuyyuru with a view to improve workshop facilities and out of the plan provision of Rs. 2.95 lakhs only a sum of Rs. 2.20 lakhs was utilised during the plan period.

(e) *Additional Seats in Industrial Training Centre—Anantapur.*—Under this scheme, it was proposed to increase the number of seats in the Industrial Training Institute, Anantapur to 168 per year and for this purpose provision of Rs. 2.78 lakhs was made in the plan. The scheme was taken up for implementation from the year 1958-59 with an intake of 84 seats and 84 additional seats were provided under 2nd unit from the year 1959-60. During the plan period, 420 additional seats were provided and an expenditure of Rs. 2.12 lakhs was incurred.

(f) *Additional Seats in Industrial Training Institute, Kakinada.*—This scheme was also intended for increasing the seats by 168 per year and a provision of Rs. 5.36 lakhs was made for this purpose in the State's Second Plan. The scheme was taken up for implementation from the year 1958-59 with an intake of 84 seats and 84 seats were added from the year 1959-60 under 2nd unit. A sum of Rs. 4.00 lakhs was spent on this scheme during the plan period and 420 additional seats were provided.

(g) *Apprenticeship Training Scheme.*—During the year 1957-58 Apprenticeship Training Programme was started at the Hindustan ship yard, Visakhapatnam to impart training to 120 candidates per year. Out of the provision of Rs. 1.29 lakhs made in the plan to compensate the shipyard for imparting training, a sum of Rs. 1.19 lakhs was utilised during the plan period for training 480 candidates.

(h) *Evening Classes Scheme.*—This scheme was implemented during the year 1960-61 in the Hindustan Ship Building Yard, Vizag., and a sum of Rs. 0.02 lakh was spent and 60 persons were trained.

(i) *Training of Craft Instructors.*—This scheme was implemented during 1959-60 to impart intensive training to the trainees who passed with distinction from the Industrial Training Institutions. The Trainees undergo workshop training for 6 months in an industry followed by another 6 months training courses in the Central Training Institute at Koni-Bilaspur. On completion of this training programme the candidates will be absorbed in the vacancies of Craft Instructors. 28 trainees were trained during the plan period in this Institute and an expenditure of Rs. 0.11 lakh was incurred.

(j) *Expansion of Training Facilities and improvement of Private Industrial Training Institute, A.J.K. Industrial School, Masulipatnam.*—Under this scheme, it was proposed to expand the training facilities in A.J.K. Industrial School Masulipatnam, under private management by adding 50 seats. The scheme was implemented during the year 1960-61 and a sum of Rs. 0.07 lakh was spent towards the expansion of the Institution.

TELANGANA.

Alignment of Regional Employment Exchange—Hyderabad.

The Regional Employment Exchange at Hyderabad was not provided with adequate staff and hence a sum of

Rs. 0.03 lakh was provided in the Second Plan to strengthen the staff. A sum of Rs. 0.07 lakh was spent by the end of the plan period on additional staff.

Establishment of Labour Welfare Centres.

Establishment of 2 'A' type and 5 'B' type Welfare Centres at important Industrial areas of Telangana Region was taken up during the Second Plan period and a provision of Rs. 9.47 lakhs was made in the plan for this purpose. The construction of 4 permanent buildings was completed by the end of 1958-59 and the remaining buildings at Warangal, Seetaphalmandi and Sirpur were at different stages of progress by the end of the plan period. A sum of Rs. 7.50 lakhs was spent on this scheme during the second plan period.

Workers Education.

Out of 16 classes proposed to be opened during the plan period with the total outlay of Rs. 0.55 lakh, 16 classes were opened incurring an expenditure of 0.37 lakh.

Establishment of Libraries.

During the Second Plan period, it was proposed to establish 37 Libraries in selected factories for the benefit of workers, at an estimated cost of Rs. 0.08 lakh. But only 24 libraries could be established during the plan period at a cost of Rs. 0.05 lakh.

Strengthening of the Administrative Machinery of the Labour Department.

Under this scheme, 1 Superintendent for the Welfare Centres and 34 Assistant Inspectors for effective implementation of the shops and establishments Act were appointed. One Special Officer for Evaluation and implementation and one Research Officer for collecting statistical information and editing the Labour Bulletin were also appointed. One Station Wagon was purchased and the Driver was appointed. A sum of Rs. 4.41 lakhs was spent on this scheme during the second Plan period out of Rs. 4.46 lakhs provided under this scheme.

Training of Officers.

Under this scheme 4 Gazetted Officers and 2 Non-Gazetted Officers received training in Calcutta University

while 6 Welfare Organisers received training at Bhul. The total Second Plan expenditure on this scheme amounted to Rs. 0.252 lakh.

Strengthening of Inspectorate of Factories and Boilers.

Under this scheme 2 Regional Inspectors of Factories, 1 Inspector of Boilers and 1 Inspector of Factories were appointed and a sum of Rs. 2.202 lakhs was spent.

Institute of Industrial safety and Productivity.

A sum of Rs. 1.00 lakh was provided in the Second Plan for the establishment of an Institute of Industrial Safety and Productivity. Though no expenditure was incurred on this scheme during the plan period, a site measuring 4,560 sq. yards at Saifabad was allotted for the purpose and the foundation stone was laid by the Chief Minister on 6-2-1961. The Committee constituted for the collection of donations was also collected Rs. 45,000 in each besides some machinery. This work will be taken up during the Third Plan period as a spillover scheme.

Expansion of Training facilities for Craftsmen.

(a) *Industrial Training Institute—Nizamabad.*—

Under this scheme, it was proposed to increase the intake capacity by 208 per year and a provision of Rs. 4.49 lakhs was made in the plan for increasing the intake capacity and construction of building, etc. The implementation of the scheme was taken up from 1957-58 and the 104 additional seats were added in 1957-58 under 1st unit and further 104 seats were added under 2nd unit in the Institution from 1958-59. Additional equipment for building accommodation was also provided to the Institution. A sum of Rs. 4.29 lakhs was spent on this scheme during the plan period and 728 additional seats were provided.

(b) *Industrial Training Institute—Warangal.*— This institution was started during the year 1958-59 with an intake of 248 students. The construction of building for this institute was completed and 744 candidates received training in this institute during the plan period. A sum of Rs. 3.31 lakhs was spent on this Scheme.

(c) *Industrial Training Institute—Hyderabad.*— Prior to 1957-58 the Institution was functioning with an intake of 112 students per year. During the year 1957-58

double shift was introduced, thus increasing the admissions to 224. Additional building accommodation and equipment to various workshops of the Institute were also provided. 1,008 candidates were trained in this Institute during the plan period and an expenditure of Rs. 5.12 lakhs was incurred.

(d) *Apprenticeship Training Scheme*.—This Scheme was implemented during 1960-61 at Allwyn Metal Works, Hyderabad and 36 candidates were trained. A sum of Rs. 0.38 lakh was spent and subsidy was paid to the industry towards the cost of the scheme.

(e) *Government Polytechnic Hyderabad—Surveyors and Draughtsman (Civil) Courses*.—Under this scheme, the Overseer Trade Course which was formerly introduced at the Technical College Hyderabad, was converted into Draughtsmen (Civil) and Surveyors Courses during 1958-59. A sum of Rs. 0.34 lakh was spent on this scheme during the plan period.

(f) *Headquarters Staff*.—In order to cope up with the increased work load resulting from the implementation of various craftsmen training schemes at various institutes, it was proposed to recruit additional staff at the Headquarters in the Directorate of Technical Education. A sum of Rs. 0.42 lakh was spent towards the expansion of staff in the Directorate of Technical Education during the plan period.

(g) *Expansion of Training Facilities in Private Institutions*.—Under this scheme, it was proposed to expand Alladin Technical Training Institute under private management in Hyderabad with the addition of 92 seats. The Institution was given additional staff and equipment under this programme. The training charges incurred by the institute was reimbursed to the management on the proportionate basis. 184 students were trained during the year 1959-1960 and 1960-61 and Rs. 0.57 lakh was spent.

(h) *Purchase of land for Central Training Institute*.—This scheme was brought into the plan during 1960-61 and a sum of Rs. 3.00 lakhs was spent for the purchase of Land for Central Training Institute which was located at Hyderabad.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total expenditure.
		Second Plan Provision		expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA									
1.	Extension of coverage of Employment Service, Establishment of District Employment Exchange, Srikakulam and Employment Information and Assistance Bureau.	0.68	0.21	0.02	0.02	0.04	0.05	0.05	0.21
2.	Collection of Employment Market Information.	0.86	0.52	..	0.01	0.05	0.21	0.23	0.50
3.	Youth Employment Service & Employment Counselling.	0.35	0.21	..	..	..	0.05	0.14	0.19
4.	Occupational Information.	0.84	0.15	0.01	0.03	0.04	0.04	0.03	0.15
5.	Labour Welfare Centres .	7.80	4.48	..	0.17	1.04	0.51	1.36	3.08
<i>Employees' State Insurance Scheme :</i>									
6.	Employees' State Insurance Scheme.	12.71	1.80	..	..	0.32	0.52	0.83	1.67
7.	Expansion of Training facilities for Craftsmen								
(a)	Industrial Training Institute, Nellore.		4.82	..	0.55	0.98	1.62	1.27	4.42
(b)	Industrial Training Institute, Visakhapatnam.		5.41	..	0.81	1.15	1.51	1.38	4.80
(c)	Industrial Training Centre, Vuyyuru.		4.65	..	..	1.62	2.56	0.79	4.97
(d)	Deficit equipment for existing Industrial Training Institute.		2.95	..	0.59	1.61	..	..	2.20
(e)	Additional seats at Industrial Training Institute, Anantapur.		2.78	..	..	0.45	0.88	0.79	2.12

(Rupees in lakhs).

LABOUR WELFARE

Item	Unit	Physical Targets and Achievements							Total Achievement during 1956-61
		Target for 2nd plan period (revised)	Achievements during						
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Welfare Centres opened	.. No.	8	..	..	1	2	..	8
Employment Exchanges Opened.	..	1	1	..	..	..	..	1
Employment market information centres. opened.	..	7	..	..	4	..	..	4
Units Started ..	..	5	..	..	..	8	2	5
Units Started ..	..	1	1	..	..	..	..	1
Opening of Dispensaries..	No. ..	..	..	..	3	..	3	6
Opening of Part-time Dispensaries	..	..	..	..	1	..	..	1
Intake of pupil Dispensaries	..	762	..	96	192	192	192	673	
..	..	1003	..	144	288	288	288	1008	
..	..	560	..	..	112	224	224	560
Equipment	Value in Lakhs	2.05	..	0.50	1.61	..	..	2.20
Intake of pupil	No.	420	..	..	84	168	168	420

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total expenditure.
		Second Plan Provision		expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
(f)	Additional seats at Industrial Training Institute, Kakinada.	..	5.36	..	..	1.28	1.98	0.74	4.00
(g)	Apprenticeship Training Scheme.	..	1.29	..	..	0.50	0.26	0.43	1.19
(h)	Evening Classes Schemes.	..	0.81	..	..	..	..	0.02	0.02
(i)	Training of Craft Instructors.	24.80	0.12	..	..	..	0.02	0.09	0.11
(k)	Work and Orientation Centres and Additional seats at Industrial Training Institutes Kakinada and Anantapur.	..	1.76	..	..	..	..	..	..
(j)	Expansion of Training Facilities and Improvement of private Industrial Training institutes, A. J. K. School, Masulipatnam.	..	0.80	..	..	..	..	0.07	0.07
Total for Andhra		..	47.54	37.62	0.03	2.20	9.09	10.21	8.17	29.70

TELANGANA:

1.	Alignment of Regional Employment Exchange, Hyderabad.	0.37	0.08	..	..	0.04	0.07	0.02	0.07
2.	Labour Welfare Centres	9.47	9.47	..	1.05	2.72	1.34	2.39	7.50
3.	Workers' Education	0.55	0.55	..	0.04	0.00	0.00	0.14	0.370
4.	Establishment of Libraries.	0.08	0.08	..	0.02	..	0.03	..	0.05
5.	Expansion of the Administrative Machinery of the Labour Department.	4.40	4.46	..	0.35	0.50	1.53	1.942	4.41
6.	Training of Officers	0.93	0.93	..	..	0.01	0.12	0.12	0.25
7.	Strengthening of Inspectorate of Factories and Boilers.	3.80	3.80	..	0.00	0.41	0.68	1.05	2.20

OUR WELFARE

Item	Physical Targets and Achievements							
	Until	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-01
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Intake of pupil	No.	420	..	..	84	168	168	420
..	..	480	..	120	120	120	120	480
..	..	00	..	..	..	..	60	60
..	..	128	..	..	..	14	14	28
Not implemented								
Intake of pupil	No.	50	..	..	..	..	50	50

LANGANA

Staff scheme

Welfare Centres started	..	No.	7	..	..	4	2	1	7
Classes started	..	..	16	..	8	2	1	2	16
Libraries opened	..	..	37	..	10	..	2	12	24

Staff scheme

Staff scheme

Item	Physical Targets and Achievements							Total Achieve- ment during 1956-61
	Achievements during							
	Unit	Target for 2nd plan period (Revised)	1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

Not Implemented.

Take of Pupil ..	.. No.	.. 728	..	104	208	208	208	728
Do.	.. „	744	..	..	248	248	248	744
Do.	.. „	1,008	112	224	224	224	224	1,008
Do.	.. „	86	..	..	..	..	35	36

No. Specific Targets.

————— Staff Scheme —————

Take of Pupil ..	.. No.	.. 184	..	..	..	92	92	184
Construction of Buildings	.. Cost in lakhs of Rs.	3.00	..	..	..	..	3.00	3.00

Not Implemented.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
10.	Extension of coverage of Employment Service Establishment of District Employment Exchanges and Employment, Information and Assistance Bureau.	0.66	0.74	..	0.05	0.17	0.22	0.30	0.74	
11.	Collection of Employment Market Information.	0.50	0.25	..	0.01	0.03	0.10	0.11	0.25	
12.	Youth Employment Service and Employment Counselling. (Original provision included in Market Information Scheme.	..	0.19	..	0.02	0.40	0.05	0.092	0.20	
13.	Alignment of Regional Directorate with all India Organisation.	1.30	..	..	..	..	..	..	..
14.	Alignment of Regional Employment Exchange, Warangal with all India Organisation.	0.40	..	..	..	..	..	..	..
15.	Employees' State Insurance Scheme.	*..	2.53	..	..	0.52	0.76	1.40	2.64
Total for Telangana		..	40.52	38.88	..	2.82	8.80	10.15	14.88	36.14
Total for Andhra Pradesh		..	88.06	76.50	0.08	5.02	17.89	20.36	22.55	65.84

*—Original Provision includes in 'Andhra' Original Provision.

CHAPTER XXXI

Welfare of Backward Classes, Scheduled Castes and Ex-Criminal Tribes.

In the Second Five Year-Plan of Andhra Pradesh, a sum of Rs. 200.43 lakhs was allotted for expenditure on 45 schemes programmed for ameliorating the social and economic conditions of Scheduled Castes, Backward Classes and Ex-criminal Tribes. This provision was subsequently revised to Rs. 196.64 lakhs and against this there was an expenditure of Rs. 191.04 lakhs till the end of March 1961. Of this, the expenditure incurred in the Andhra Region amounted to Rs. 144.13 lakhs while the remaining amount of Rs. 46.91 lakhs was spent in the Telengana Region. Some of the important physical achievements during this period under the schemes of this development head are furnished in the following table.

IMPORTANT PHYSICAL ACHIEVEMENTS

Sl. No.	Item	Unit	Target for 1956-1961	Achievement during 1956-1961
(1)	(2)	(3)	(4)	(5)
1.	Scholarships ..	.. No.	31,043	29,492
2.	Boarding Grants Sanctioned.	,,	3,800	8,536
3.	Wells constructed ..	,,	1,444	1,418
4.	New tenements constructed ..	,,	12,225	9,182
5.	Community Halls opened ..	,,	20	35
6.	Co-operative Societies ..	,,	89	171
7.	Plough Bullocks Supplied ..	,,	1,021	785

Scheme-wise details of the progress made during 1956-61 is given below. Statement XXXI appended shows the scheme-wise financial and physical targets and achievements during this period.

ANDHRA REGION.

Scheduled Castes : Education :

Scholarships.

Under this scheme, it was proposed to grant scholarships to the pupils belonging to Scheduled Castes at all stages of education. During the second plan period 11,083 scholarships were granted and a sum of Rs. 14.34 lakhs was spent on them as against the original programme for awarding 8,400 scholarships.

Subsidised Hostels.

Under this scheme, scheduled caste students studying in High Schools and Colleges are given boarding and lodging facilities. Each boarder has been granted Rs. 15 per month for an academic year. During the Second plan period an amount of Rs. 7.95 lakhs has been spent and 5,491 boarding grants were granted.

Government Hostels.

The provision under this scheme is earmarked for the maintenance of the Government Hostels for Scheduled Castes opened during the plan period besides opening of new Government Hostels for them. During the Second Plan period an amount of Rs. 8.20 lakhs was spent for the maintenance of 2,436 boarders.

Construction of School and Hostel buildings :

Some of the schools and subsidised hostels under the control of Social Welfare Department are being located in rented buildings. It was therefore, proposed to construct pucca buildings. In Second Five Year Plan it was proposed to construct 92 buildings at a total cost of Rs. 6.99 lakhs and against this programme 110 buildings were constructed at a cost of Rs. 4.66 lakhs.

Health, Housing and other Schemes.

Sanitary amenities :

In order to create healthy surroundings in Harijan Wadas, which are generally insanitary, it was proposed to provide sanitary amenities like pathways, latrines, bathrooms and drinking water wells under this scheme.

During the Second Plan period 581 wells, 30 bath rooms and 30 latrines were constructed under this scheme at a cost of Rs. 17.11 lakhs.

Acquisition of house sites.

Under this scheme house sites were acquired and given free of cost to Scheduled Castes. During the Second Plan period it was proposed to acquire 15,572 house sites at a cost of Rs. 38.18 lakhs. But an amount of Rs. 37.15 lakhs was utilised for acquiring 19,262 house sites.

Housing Scheme.

Scheduled Caste people are so poor that even if they have been provided with house sites, they are not in a position to construct houses of their own. It was, therefore, proposed to grant a subsidy of Rs. 250 and a loan of Rs. 500 for the construction of a house costing Rs. 1,000. The beneficiary has to contribute the balance of Rs. 250 by way of labour, material etc. Ten percent of the programmed number of houses are being reserved for backward classes with a view to provide an incentive for other communities to mix with the Harijans. In Second Plan an amount of Rs. 18.67 lakhs was provided for this scheme against which a sum of Rs. 19.28 lakhs was spent for the construction of 2,858 houses.

Propaganda and Publicity.

The provision under the scheme was proposed to be utilised for the propagation of evils of untouchability by way of Harijan Day celebrations intercaste dinners, issue of posters and pamphlets for enacting dramas on removal of untouchability and subsidy to marriages. This scheme also provides for awarding two gold medals worth Rs. 100 each and six gold medals worth Rs. 50 each to the deserving persons who evince keen interest, devote time and turn out really good work for eradication of untouchability. During the Second Plan period an amount of Rs. 2.56 lakhs was spent against the allotment of Rs. 2.63 lakhs.

Aid to voluntary agencies :

The scheme is intended to give grants to the voluntary organisations, which are interested in the uplift of

Harijans and which are doing valuable work to wipe out the evils of untouchability. An amount of Rs. 3.50 lakhs was provided in the Second Plan and the entire amount was spent.

Administration :

In order to cope up with the additional work involved in implementing the plan schemes and to keep an effective check on the proper utilisation of the funds provided, additional staff was appointed. An amount of Rs. 4.29 lakhs was provided in the Second Plan for this scheme and against this a sum of Rs. 4.30 lakhs was spent during the Plan period.

Ex-Criminal Tribes.

Education :

Under this scheme books, slates etc. were supplied to the children belonging to Vimukthajathis besides maintenance of two children parks and radio sets in the Vimukthajathi colonies in Chittoor District. During the Second Plan period 4 Radio Sets and 4 Children parks were established at a cost of Rs. 0.37 lakhs and 2,250 children were benefitted.

Cottage Industries :

The object of this scheme is to give vocational aid by way of supply of raw-materials, implements and instruments to the members of Ex-Criminal Tribe families to carry on their profession successfully. The aid will be worth of Rs. 50 to each individual. During the Second Plan period a sum of Rs. 0.56 lakhs was spent on this scheme and 1,102 families were benefitted.

Agricultural aid.

With a view to rehabilitate Ex-Criminal Tribes economically and settle them in agriculture, each family was supplied with a pair of bulls or buffaloes worth Rs. 300. During the Second Five Year Plan Rs. 0.66 lakh was spent for supplying 220 pairs of bullocks.

Public Health :

Under this scheme sanitary amenities like wells, bathrooms and latrines are provided for Ex-Criminal Tribes and Women Welfare Centres in Chittoor District.

During the Second Plan period Rs. 1.29 lakhs was spent on this scheme and 46 wells, 19 bathrooms and 5 latrines were constructed and 5 Women Welfare Centres were opened.

Housing :

This scheme is intended to give assistance to the members of the Ex-Criminal Tribe families to build their own huts by supplying building materials worth Rs. 100 and to give Rs. 30 per family for repairs to the existing houses. During the Second Five Year Plan period 2,869 new houses were constructed and 2,182 houses were repaired at a cost of Rs. 4.23 lakhs.

Miscellaneous :

Under this scheme the 2 electric pump sets which were installed for irrigating the lands in Sitanagaram settlement in Guntur District were maintained for the benefit of the Ex-Criminal Tribes and an amount of Rs. 0.68 lakhs was spent during the plan period.

Medical aid :

Medicines worth of Rs. 40 for each of the deserving sick persons belonging to Ex-Criminal Tribes will be supplied under this scheme. Medical opinion of a qualified Doctor has to be taken, in the matter of supply of medicines to the deserving sick persons. During the Second Plan period 329 patients were given aid at a cost of Rs. 0.13 lakh out of the provision of Rs. 0.16 lakh.

Other Backward Classes: Education :

Award of Scholarships :

Under this scheme, it was proposed to grant scholarships to the pupils belonging to other Backward Classes studying in Arts and Professional Colleges. These scholarships will be in addition to the scholarships that will be granted from out of the normal budget. During the Second Plan period the entire provision of Rs. 11.00 lakhs was utilised and 8017 scholarships were given.

Subsidised Hostels :

Backward Class students studying in High Schools and Colleges and living in the subsidised Hostels are

being given boarding grants at the rate of Rs. 150 per boarder for an academic year. During the Second Plan period Rs. 4.08 lakhs were spent and 3045 boarding grants were given.

Mid-day meals :

Backward Classes children studying in the Social Welfare Schools are supplied mid-day meals to encourage them to join in Social Welfare Schools, which incidentally will help eradication of untouchability. An amount of Rs. 2.08 lakhs was spent during the Second Plan period and 5,593 children were benefitted.

TELANGANA

Scheduled Castes : Education :

Aid to Private Hostels :

There are some private hostels managed by Social Workers and Organisations to help Harijan students to prosecute their studies. In order to encourage these organisations, subsidies to the hostels in the shape of boarding grants at the rate of Rs. 150.00 per boarder per academic year were granted. During the Second Plan period 2795 boarders were benefitted and a sum of Rs. 5.22 lakhs was spent.

Government Hostels :

This scheme was taken up in 1960-61 as a new scheme. An amount of Rs. 0.57 lakh has been diverted from the provision under the same scheme in Andhra Region and a sum of Rs. 0.57 lakh was spent for the opening of 2 new hostels.

Other Educational Facilities :

This scheme envisages free supply of clothes, books, slates and other educational appliances worth of Rs. 10.00 each to the deserving Harijan students. During the Second Plan period a sum of Rs. 1.47 lakhs was spent on this scheme and 10,045 candidates were benefitted.

Economic Uplift :

Cottage Industries :

This scheme is intended to improve the economic conditions of scheduled castes by giving aid to individual artisans in the shape of tools and raw-materials and as

share capital and working capital to the co-operative societies for their trade and craft. A sum of Rs. 1.38 lakhs was spent on this scheme during the Second Plan period and 108 societies and 240 individual artisans were benefitted.

Health, Housing and Other Schemes :

Drinking water wells :

(i) *Sinking of Wells.*—Drinking water facilities are scarce in the Wadas where Scheduled Caste people live. Hence during the Second Plan period it was proposed to sink 766 wells at a cost of Rs. 5.72 lakhs., but only 5.34 lakhs was spent and 752 wells were sunk.

(ii) *Repairs to old wells.*—During the Second Plan period it was proposed to repair 904 old wells which are in the Harijan colonies at a cost of Rs. 1.35 lakhs. An amount of Rs. 1.04 lakhs was spent on the scheme and 495 wells were repaired during the Plan period.

Housing :

(i) *Acquisition of land for house sites.*—Usually the Scheduled Caste people live in insanitary and congested localities and they do not possess house sites at all. Hence it was proposed to acquire and grant house sites to the families belonging to Scheduled Castes free of cost. An amount of Rs. 2.57 lakhs was spent out of the revised provision of Rs. 4.82 lakhs on this scheme and 235 acres of land was acquired during the Plan period.

(ii) *Aid for housing.*—Under this scheme, aid at Rs. 320.00 per house will be given to Harijan families, possessing house sites, for the construction of houses. During the Second Plan period a sum of Rs. 8.25 lakhs was spent for the construction of 3253 houses.

Medical Aid :

This scheme envisages provision of financial assistance to the scheduled caste people suffering from dangerous diseases like T.B., Cancer etc., at the rate of Rs. 100.00 on the production of certificate from the qualified doctor. A sum of Rs. 0.81 lakh was spent against the provision of Rs. 0.93 lakh during the Second Plan period and 1384 patients were benefitted.

Publicity :

An amount of Rs. 0.45 lakh was provided in the Second Five-Year Plan for Visual Publicity such as

films and slides, issue of pamphlets, arranging inter-caste dinners, observance of Harijan days and for conducting Melas in rural areas for propagation of the evils of Untouchability and to work towards its eradication. The actual expenditure on this scheme amounted to Rs. 0.44 lakh.

Aid to Voluntary Agencies :

Under this scheme, grants are given to voluntary organisations which are doing valuable work in wiping out the evils of untouchability. Financial assistance amounting to Rs. 0.70 lakh was given during the Plan period.

Community Halls :

Community Halls in and near the Harijan colonies would be useful as reading rooms, adult night schools, bhajan mandirs, etc., and will enrich their social and cultural life. In the Second Plan it was proposed to construct 20 Halls at a cost of Rs. 0.50 lakh, but only Rs. 0.48 lakh was spent for the construction of 35 Community Halls.

Administration :

In order to cope with the additional work involved in implementing the Plan schemes and to keep an effective check on the proper utilisation of the funds provided, additional staff was appointed. An amount of Rs. 0.27 lakh was spent during the Second Plan period.

Ex-Criminal Tribes Education :

[i] Award of Scholarships :

To educate the children belonging to Vimukthajathis who are poor and live in isolated localities, it was proposed to award scholarships to students studying in Primary Middle, and High Schools. Under this scheme, scholarships will be awarded to the students at the rate of Rs. 50.00 and 70.00 per student. In the Second Plan an amount of Rs. 0.77 lakh was provided for awarding 888 scholarships. Against this programme 1,272 students were benefitted and a sum of Rs. 0.75 lakh was spent.

(ii) Aid to Schools and Hostels :

This scheme envisages construction of school buildings and giving aid to private hostels. An amount of

Rs. 0.90 lakh was provided in the Second Plan. Against this a sum of Rs. 0.76 lakh was spent and 4 schools were opened and maintained.

Other Schemes :

1. *Agriculture :*

(i) *Supply of Plough bullocks.*— This scheme envisages supply of plough bullocks, at the rate of Rs. 300.00 per pair to the Ex-Criminal Tribes families to settle them in cultivation. Against the target of 808 families 565 families were benefitted and a sum of Rs. 2.17 lakhs was spent on this scheme during the Second Plan period.

(ii) *Supply of Seeds and Implements.*— Under this scheme seeds and implements worth of Rs. 50.00 per family are supplied to Ex-Criminal Tribes. During the Second Plan period a sum of Rs. 0.51 lakh was provided to benefit 1037 families. Against this programme, 1196 families were supplied with seeds and implements at a total cost of Rs. 0.50 lakh.

Cottage Industries :

This scheme aims at granting aid in the shape of tools and raw-materials for trade and craft and as share capital and recurring capital in respect of Industrial Co-operative Societies of Vimukthajathis. Aid of Rs. 50.00 per individual and Rs. 1000.00 per society will be given under this scheme. In the Second Plan it was proposed to form 37 societies at a cost of Rs. 0.49 lakh. Against this 32 societies were formed and 125 artisans were benefitted at a total cost of Rs. 0.41 lakh.

Sinking of Wells :

This scheme provides for construction of new wells and repairs to old wells. The total Second Plan provision for this scheme was Rs. 0.49 lakh. Against this provision a sum of Rs. 0.47 lakh was utilised for sinking 39 new wells and repair of 28 old wells.

Rehabilitation (Construction of Colonies) :

Under this scheme it was proposed to construct houses with all amenities for rehabilitating Ex-Criminal

Tribes. The entire provision of Rs. 0.68 lakh was spent and 202 houses were constructed during Second Five Year Plan period.

Other Backward Classes--Education :

Award of Scholarships :

Apart from Harijans and Ex-Criminal Tribes, there are other Backward Classes who are backward and in need of help. Students belonging to these communities studying in Primary, Middle and High Schools are awarded scholarships, at Rs. 50.00 and Rs. 70.00 per academic year. In the Second Plan a sum of Rs. 5.28 lakhs was provided for awarding scholarships to 4075 students. Against this programme scholarships were awarded to 9020 students and a sum of Rs. 5.22 lakhs was spent.

Aid to Private Hostels :

Certain voluntary organisations and individuals interested in welfare work who are coming forward to run hostels for the benefit of Backward Class people are given financial aid to run these hostels. Under this scheme boarding grants are given at Rs. 150.00 per boarder in the subsidised hostels. A sum of Rs. 3.97 lakhs was spent during Second Plan period.

Opening of New Hostels :

As the hostels attached to the educational institutions are not adequately catering to the needs of all Backward Class Children, it was proposed to start some Government hostels at suitable places in Telangana Region. An amount of Rs. 2.04 lakhs was spent for opening and maintenance of 9 hostels during Second Five-Year-Plan period.

Other Schemes :

Cottage Industries :

(i) *Vocational aid.*—It was proposed to give aid to the artisans by way of supply of raw-materials and tools worth Rs. 50.00 per artisan to carry on their profession. During the plan period an amount of Rs. 0.36 lakh was spent and 650 artisans were benefitted.

(ii) *Artisan Co-operative Societies.*—Under this scheme it was proposed to give financial assistance towards share capital and working capital of the Artisans Co-operative Societies relating to Backward Classes at the rate of Rs. 1,000.00 per Society. Out of the provision of Rs. 0.77 lakh an amount of Rs. 0.72 lakh was spent and 63 Societies were benefitted during the Plan period.

Grant-in-aid :

An amount of Rs. 0.11 lakh was provided in the revised plan for 1956-61 to provide relief to persons belonging to ex-criminal tribes who fall victims to natural calamities like floods, fire accidents, etc. The entire provision was spent during the Plan period.

Grant-in-aid to Students :

A sum of Rs. 0.06 lakh was provided in the revised plan for expenditure towards grant-in-aid to students. The entire provision was utilised during the period under review.

STATEMENT
WELFARE OF BACKWARD CLASSES

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA										
SCHEDULED CASTES :										
1. Education										
	(i) Scholarships ..	8.33	14.86	0.40	0.40	3.76	5.48	4.80	14.84	
	(ii) Subsidised Hostels.	6.00	6.16	0.76	1.00	1.40	2.79	2.00	7.95	
	(iii) Government Hostels.	8.88	10.92	0.18	0.91	1.81	1.97	3.33	8.20	
	(iv) Construction of School and hostel buildings.	2.50	6.99	0.10	0.47	0.67	2.09	1.83	4.66	
2. Health, Housing and other Schemes.										
	(i) Sanitary amenities ..	17.50	17.50	2.53	1.18	3.80	4.41	5.24	17.11	
	(ii) Acquisition of house sites.	32.00	38.18	6.11	8.93	11.60	9.00	6.51	37.15	
	(iii) Housing scheme ..	30.75	18.67	0.53	2.28	4.19	6.16	6.17	19.28	
	(iv) Propaganda and Publicity.	5.00	2.63	0.73	0.79	0.28	0.89	0.32	2.58	
	(v) Aid to voluntary agencies.	5.00	3.50	1.00	0.90	0.60	0.55	0.45	3.50	
	(vi) Administration ..	3.67	4.29	..	..	1.00	1.18	2.12	4.66
II Ex-Criminal Tribes.										
	(i) Education ..	0.48	0.36	0.04	0.05	0.03	0.09	0.11	0.37	
Other Schemes.										
	(ii) Cottage Industries.	0.84	0.63	0.10	0.07	0.11	0.14	0.14	0.56	
	(iii) Agricultural aid ..	0.64	0.57	0.15	0.07	0.10	0.18	0.16	0.68	
	(iv) Public Health ..	2.33	1.54	0.14	0.13	0.29	0.36	0.37	1.39	

XXXI
 SCHEDULED CASTES AND EX-CRIMINAL TRIBES

(Rupees in lakhs.)

Physical Targets and Achievements								
Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Scholarships awarded	.. No.	8,400	250	440	2,142	3,854	4,397	11,083
Boarding grants sanctioned.	.. "	2,500	467	670	1,612	1,409	1,388	5,491
Boarders benefitted	.. "	1,800	60	250	905	1,221	..	2,486
Buildings constructed	.. "	92	2	14	11	42	40	110
(a) Wells constructed	.. "	570	10	25	88	198	260	581
(b) Bathrooms constructed.	.. "	1,540	20	10	..	..	..	30
(c) Latrines constructed	.. "	770	20	10	..	..	..	30
House sites acquired	.. "	15,572	1,650	1,650	1,735	8,212	6,010	19,297
Houses built ..	.. "	7,350	210	361	686	827	771	2,855
..	No specific targets.							
Agents given aid	.. No.	3	1	1	1	1	1	5
..	Staff scheme.							
Radio sets installed	.. No.	10	2	2	..	..	..	4
Children parks opened	.. "	10	2	2	..	..	..	4
Children benefitted	.. "	..	..	..	650	750	850	2,250
Rope making machines	.. "	70	..	..	..	..	..	..
Bee hives ..	.. "	250	9	..	..	..	..	9
Families benefitted	.. "	500	200	140	220	257	285	1,102
Tough bullocks supplied	.. No. of pairs.	213	50	23	32	60	55	220
Wells sunk ..	.. No.	25	5	4	13	11	13	46
Bathrooms constructed	.. "	25	2	5	7	2	8	19
Women Welfare Centres opened.	.. "	5	5	..	..	..	..	5
Wells repaired	.. "	25	5	..	..	..	..	5
Latrines constructed	.. "	25	5	..	..	..	..	5

STATEMENT
WELFARE OF BACKWARD CLASSES,

Financial Targets and Achievements

Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expenditure.
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
				(5)	(6)	(7)	(8)	(9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(v)	Housing ..	4.15	4.27	0.80	0.77	1.00	1.01	0.65	4.23
(vi)	Miscellaneous ..	1.93	0.66	0.16	0.14	0.13	0.20	0.05	0.63
(vii)	Medical aid ..	0.10	0.16	0.02	0.01	0.01	0.02	0.07	0.13
(viii)	Administration ..	0.03	0.02	..	..	..	..	..	..
II. Other Backward Classes.									
(i)	Award of scholarship	7.50	11.00	1.00	1.25	4.01	2.74	2.00	11.00
(ii)	Subsidised Hostels.	2.00	4.08	0.80	0.86	0.17	0.67	1.53	4.03
(iii)	Midday meals ..	2.00	2.16	..	0.16	0.62	0.52	0.73	2.03
Total for Andhra ..		152.13	148.65	15.55	15.27	35.63	39.95	37.73	144.13

TELANGANA :

Scheduled Castes

1. EDUCATION.

(i)	Aid to private Hostels.	1.14	5.17	0.13	0.15	1.61	1.69	1.64	5.32
(ii)	Government Hostels .	..	..	..	..	..	..	0.57	0.57
(iii)	Other Educational facilities	1.38	1.38	0.08	0.30	0.33	0.42	0.34	1.47

2. ECONOMIC UPLIFT.

(i)	Cottage Industries.	..	1.40	0.05	0.21	0.34	0.32	0.46	1.33
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3. HEALTH, HOUSING AND OTHER SCHEMES

(i)	Sinking of wells	6.13	5.72	0.11	0.97	1.26	1.64	1.36	5.34
(ii)	Repairs to wells	1.81	1.85	0.05	0.20	0.28	0.30	0.21	1.04

HOUSING :

(i)	Acquisition of land	1.24	4.32	..	0.14	1.24	0.39	0.80	2.57
(ii)	Aid for Housing	5.16	5.96	0.25	0.79	2.06	3.05	2.10	8.25

SCHEDULED CASTES AND EX-CRIMINAL TRIBES,

Item	Unit	Physical Targets and Achievements						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) New houses constructed.	..	3,100	600	504	606	749	491	2,869
(b) Old houses repaired	..	3,990	50	760	88	789	500	2,182
Installation of pumpsets	.. No.	2	1	1	Main-tenance	Main-tenance and construction of Bldg.	Main-tenance	2
Patients benefitted	..	200	20	50	50	39	170	329
		Not implemented.						
Scholarships	..	17,680	537	2,945	1,750	885	2,000	8,117
Boarding Grants	..	1,300	533	573	438	447	1,054	3,045
Children Benefitted	..	5,585	..	800	1,550	1,303	1,940	5,593
Teachers benefitted	.. No.	1,135	125	169	236	1,173	1,093	2,795
Hostels opened	..	Not fixed	..	..	..	..	2	2
Students benefitted	..	11,433	586	1,637	4,214	953	5,650	13,045
Artisan Co-operative Societies benefitted.	..	36	1	14	26	33	34	108
Artisans benefitted	..	..	..	..	..	..	240	240
Wells sunk	..	766	14	149	171	248	170	752
Old wells repaired	..	904	25	92	142	145	91	495
Lands to be acquired	.. Acs.	200	..	33	15	52	30	235
Houses constructed	.. No.	1,600	170	342	322	1,262	657	3,253

STATEMENT
WELFARE OF BACKWARD CLASSES

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(iii)	Medical Aid.	1.05	0.98	0.05	0.12	0.21	0.19	0.24	0.81
(iv)	Publicity	0.75	0.45	0.03	0.04	0.09	0.20	0.08	0.44
(v)	Aid to Whintary Agencies	1.00	0.80	0.22	0.20	0.15	0.03	0.16	0.70
(vi)	Community Halls	0.50	0.50	0.19	..	0.10	0.15	0.04	0.48
(vii)	Administration	1.26	0.95	0.01	0.14	0.08	..	0.04	0.27
(viii)	Legal Aid and Grant-in-aid.	0.46	0.19	..	0.06	0.04	0.06	..	0.16
II. Ex-eriminal Tribes									
	1. Award of Scholarships	0.52	0.77	0.09	0.09	0.13	0.31	0.13	0.75
	2. Aid to schools and Hostels.	0.23	0.90	0.01	0.05	0.18	0.25	0.27	0.76
	<i>Other Schemes (Agriculture)</i>								
	1. Supply of plough and bullocks.	1.52	2.02	0.05	0.41	0.54	0.67	0.50	2.17
	2. Supply of seeds and Implements.	0.51	0.51	0.01	0.14	0.13	0.10	0.12	0.50
	3. Cottage Industries ..	0.55	0.49	0.05	0.05	0.10	0.08	0.13	0.41
	4. Sinking of wells ..	0.52	0.49	0.02	0.07	0.15	0.12	0.11	0.47
	5. Rehabilitation ..	0.50	0.68	0.05	..	0.21	0.16	0.26	0.63
	6. Grant-in-aid ..	0.57	0.11	..	0.11	..	..	..	0.11
III. Other Backward Classes.									
	1. Award of Scholarships.	2.52	5.28	0.24	0.28	0.86	1.97	1.87	5.22
	2. Aid to private hostels	1.12	3.59	0.04	0.02	0.89	1.43	1.59	3.97
	3. Opening of Hostels	2.95	2.38	..	0.24	0.50	0.44	0.86	2.04
	4. Grant-in-aid to students.	0.06	0.05	0.05	..	..	..	..	0.05

SCHEDULED CASTES AND EX-CRIMINAL TRIBES.

Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Patients benefitted	.. ..	1,068	82	319	375	373	235	1884
Publicity Programmes con- ducted.	Cost in lakhs of Rs.	0.45	0.03	0.04	0.09	0.20	0.80	0.44
Agencies benefitted	.. No.	42	3	3	2	N.A.	N.A.	8
Community Halls constructed.	No.	20	5	..	11	15	4	85
Staff scheme								
Scholarships awarded	.. No.	888	157	382	372	153	208	1,272
Opening of schools	.. ..	14	1	1	2	N.A.	N.A.	4
Supply of Bullocks	.. No. of pairs.	808	17	135	25	222	166	565
Families benefitted	.. No.	1,087	17	289	850	200	340	1,196
Societies formed	.. ..	37	2	6	9	3	7	32
Artisans benefitted	.. ..	..	..	..	..	..	125	125
New wells sunk	.. ..	83	2	6	12	9	10	39
Old wells repaired	.. ..	202	2	3	3	3	12	28
Houses constructed	.. ..	175	16	..	65	50	81	202
Students awarded scholarships.	Scholar- ships. No.	4,075	390	771	2,504	3,250	2,105	9,020
Hostels aided	.. ..	73	4	6	N.A.	N.A.	N.A.	10
Hostels opened	.. ..	68	..	1	3	..	..	9

STATEMENT
WELFARE BACKWARD CLASSES,

Sri. No.	Name of the Scheme	Financial Targets and Achievements							Total Expen- diture.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Other Schemes :</i>									
1.	Vocational aid ..	0.38	0.33	0.03	0.04	0.09	0.12	0.08	0.36
2.	Artisan Co-operative Societies.	0.80	0.77	0.10	0.04	0.17	0.18	0.23	0.72
3.	Other welfare mea- sures.	18.62	..	..	..	..	..	..	..
Total for Telangana ..		48.80	47.99	1.91	4.86	11.74	14.27	14.13	46.91
Total for Andhra ..		152.18	148.65	15.55	15.27	85.68	89.95	37.73	144.13
Total for Andhra Pradesh.		200.48	196.64	17.46	20.13	47.37	54.22	51.86	191.04

(Rupees in lakhs.)

 VI
 SCHEDULED CASTES AND EX-CRIMINAL TRIBES.

Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd plus period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(18)	(14)	(15)	(16)	(17)	(18)	(19)
Artisans benefitted	604	18	68	182	282	160	650
Societies benefitted	56	2	6	16	16	23	63

CHAPTER XXXIII

WELFARE OF SCHEDULED TRIBES

The Second Five-Year Plan aimed at an alround development of tribal areas by undertaking schemes for the provision of irrigation facilities, colonisation, soil conservation, drinking water supply and by taking up of ameliorative measures like provision of educational and medical facilities, anti-malarial operations, Co-operatives, finance marketing facilities etc. For this purpose, a sum of Rs. 200.51 lakhs was provided in the Plan for 1956-61. This provision was subsequently revised to Rs. 247.16 lakhs. Against this, a sum of Rs. 251.25 lakhs was spent on 167 schemes implemented during the plan period. Of this, a sum of Rs. 225.43 lakhs was spent on 146 schemes implemented in the Andhra Region while the remaining amount of Rs. 25.82 lakhs was spent on 21 schemes implemented in the Telangana Region. Some of the important physical achievements during this period under the schemes of this development head are furnished in the following table :

IMPORTANT PHYSICAL ACHIEVEMENTS

<i>Sl. No.</i>	<i>Item</i>	<i>Unit</i>	<i>Target for 1956-1961</i>	<i>Achievements during 1956-1961</i>
(1)	(2)	(3)	(4)	(5)
1.	Schools opened	No.	79	85
2.	Hostels opened	,,	6	6
3.	Scholarships awarded	,,	1,275	9,212
4.	Hill men trained in Agricultural programmes	,,	300	197
5.	Tribals Trained	,,	280	178

(1)	(2)	(3)	(4)	(5)
6.	Additional Area brought under irrigation	Acres	120	120
7.	Mobile Medical Units	No.	3	3
8.	Dispensaries opened	„	3	3
9.	Drinking water wells sunk	„	260	299
.	Colonies formed	„	16	16
11.	Radio Sets Installed	„	115	115

An account of the progress made in respect of each of the schemes implemented during 1956-61 is given below. Statement XXXIII appended shows the scheme-wise financial and physical targets and achievements during 1956-61.

ANDHRA

Appointment of Special District Educational Officer for Agency Areas :

Under this scheme, it was proposed to appoint one District Educational Officer with necessary staff for effective supervision of the Educational institutions in the Agency areas of the Andhra Region and a provision of Rs. 1.01 lakhs was made in the Second Plan for this purpose. The District Educational Officer with the necessary staff was appointed in the year 1957-58 and continued during the Second Five Year Plan period. A sum of Rs. 1.05 lakhs was spent on this scheme during the Plan period.

Increase in the strength of the boarders in the Subsidised Hostels :

Under the scheme, it was proposed to increase the strength of boarders in the subsidised hostels at Chintapalli in Visakhapatnam district and Kunavaram in East Godavari district and a provision of Rs. 0.10 lakh was

made in the Second Plan (Revised) for providing 22 additional grants to tribal students. As per the programme, the strength of boarders in Chintapalli and Kunavaram Government subsidised hostels was increased by 7 and 15 respectively during the year 1956-57 and continued during the entire Second Five Year Plan period and an expenditure of Rs. 0.09 lakh was incurred on this scheme during the plan period.

Conversion of subsidised hostels into Government Boarding Homes :

Under the scheme, it was proposed to take over 7 subsidised hostels from the private management and a provision of Rs. 0.41 lakh was made in the Second Plan for the implementation of the Scheme. During the year 1957-58, 6 subsidised hostels were taken over by the Government and run as Government Boarding Homes and the other hostel was merged with hostel at Kunavaram. A sum of Rs. 0.40 lakh was spent on this scheme during the Plan period.

Opening of new Government Boarding Homes at Paderu and Maredumilli :

During the year 1956-57, two Boarding Homes, one at Pullangi in East Godavari district and the other at Paderu in Visakhapatnam district were opened for the benefit of tribal students attending educational institutions and 50 boarders were admitted into the institutions. The Boarding Home at Pullangi was subsequently shifted to Maredumilli during the year 1958-59 as the response of Tribal students was very poor at Pullangi. The two institutions were continued during the Plan period and a sum of Rs. 0.25 lakh was spent on the scheme during the Plan period.

Opening of New Elementary Schools in Agency Areas :

Under this scheme, it was proposed to open 60 schools in the tribal areas for the benefit of tribal children and a plan provision of Rs. 2.69 lakhs was made for this purpose. During the period 60 schools were opened as programmed and an expenditure of Rs. 2.08 lakhs was incurred.

Continuance of Government Middle Schools at G.L. Puram:

A provision of Rs. 0.20 lakh was made in the Second Plan for the continuance of the Government Middle School at G.L.Puram. As programmed the Middle School at G.L.Puram was continued and an expenditure of Rs. 0.22 lakh was incurred on the scheme during the Plan period.

Conversion of subsidised Hostels into Government Boarding Homes and increase in the rate of Boarding Grants from 40 Nps. to 50 Nps.

Consequent on the increase in the cost of food articles, the rate of Boarding charges at Government Boarding Homes was enhanced from 40 n.P. per head per day during the year 1959-60 and was continued during the subsequent period. A sum of Rs. 0.23 lakh was spent on the scheme during the Plan period.

Sanction of P.A. and U.D.C. to the Office of the Agency Educational Officer :

During the year 1959-60, the posts of one personal Assistant and one Upper Division Clerk were sanctioned to the Agency Educational Officer with a view to enable him to cope up with the additional work resulting from the implementation of the plan schemes. An expenditure of Rs. 0.06 lakh was incurred on the scheme during the Plan period.

Sanction of Additional Deputy Inspector's Offices in Agency Areas at 5 places :

Under the scheme, it was proposed to sanction 5 additional Deputy Inspector's posts to assist the Agency District Educational Officers. During the year 1959-60 the Additional Deputy Inspectors were appointed in the agency areas and an expenditure of Rs. 0.63 lakh was incurred on the scheme during the Plan period.

Up-Grading of Government Middle School at G.L.Puram and Dummagudem into High Schools :

Under the scheme, it was proposed to up-grade the Government Middle Schools at G.L.Puram and Dommagudem and a provision of Rs. 0.09 lakh was made for the purpose in the Second Plan (Revised). The two Middle Schools were up-graded into the High Schools

during the year 1959-60 and an expenditure of Rs. 0.08 lakh was incurred on the scheme during the Plan period.

Up-Grading of Government Middle Schools of Paderu into High School :

Under the scheme, it was proposed to upgrade the Middle School into High School and a provision of Rs. 0.02 lakh was made in the Second Plan. The Middle School was up-graded during 1960-61 and an expenditure of Rs. 0.04 lakh was incurred during the Plan period.

Opening of Boarding Home at Kondamadaluru in East Godavari District :

Under the scheme, it was proposed to open free Boarding Home at Kondamadaluru and a provision of Rs. 0.16 lakh was made in the Second Plan (Revised). The Free Boarding Home was started during the year 1959-60 and continued during the subsequent year. The total plan expenditure on the scheme amounted to Rs. 0.08 lakh.

Increase in the number of Boarders and construction of Pucca Building for the Government Boarding Home at Downuru in Visakhapatnam District :

Under the scheme, it was proposed to construct Pucca buildings for the Government Boarding Home at Downuru and to increase the number of boarders. A provision of Rs. 0.02 lakh was made for this purpose in the Second Plan (Revised) and against this a sum of Rs. 0.03 lakh was spent during the Plan period.

Increase in the strength in the Mid-Day Meals Centres from 20 to 60 at Pidathamamidi :

Under the scheme, it was proposed to increase the strength of Mid-Day Meals Centre at Pidathamamidi from 20 to 60 and a provision of Rs. 0.02 lakh was made in the plan. The scheme was implemented during the year 1959-60 and an expenditure of Rs. 0.03 lakh was incurred.

Opening of Government Boarding Home at Sujanakota with 40 seats :

This is a new scheme taken up for implementation in 1960-61 with a view to create incentive among tribals to

get their children educated and a sum of Rs. 0.08 lakh was provided in the budget for 1960-61. Out of this amount, a sum of Rs. 0.03 lakh was spent till the end of March, 1961.

Increase in the strength of Boarders belonging to Scheduled Tribes in the Government free Boarding Home at Cherla from 17 to 40 :

Under the scheme, it was proposed to increase the strength of boarders belonging to scheduled tribes in the Government free Boarding Home at Cherla from 17 to 40 and a provision of Rs. 0.04 lakh was made for this purpose. Against this, an expenditure of Rs. 0.04 lakh was incurred on the scheme and 23 new boarders were admitted into the boarding home.

Opening of free Boarding Home at Dummagudem :

The scheme was taken up for implementation during the year 1959-60 and a provision of Rs. 0.09 lakh was made in the plan for this purpose. As programmed the Government Free Boarding Home at Dommagudem was started and an expenditure of 0.08 lakh was incurred on the scheme.

Opening of free Boarding Home at Mondekhally in Sriakulam District for 40 students belonging to Scheduled Tribes :

The scheme was also implemented during the year 1959-60 and a provision of Rs. 0.08 lakh was made in the plan for opening a Government Free Boarding Home at Mondekhally with a strength of 40 boarders. As programmed, the boarding home was opened and an expenditure of Rs. 0.09 lakh was incurred.

Government Secondary and Basic Training School at Araku Valley and Conversion of Non-Basic Training School at Bhadrachalam into Government Basic Training School :

Under the scheme it was proposed to convert the non-basic training section attached to the Board High School, Sujamakota into Government Basic Training School and shift it to Araku valley Government Middle School and to convert the non-basic training sections

attached to the Higher Secondary School at Bhadrachalam into Government Basic Training School. For this purpose a provision of Rs. 0.45 lakh was made. But till the end of March, 1961 only an expenditure of Rs. 0.15 lakh was incurred on the scheme.

Opening of Higher Classes and Up-Grading Secondary Schools at Dummagudem, Gummalakshampuram and Paderu :

The scheme was taken up during the last year of the Second Plan and an expenditure of Rs. 0.05 lakh was incurred for the opening of Higher Classes and up-grading of Secondary Schools at Dummagudem, Gummalakshampuram and Paderu. As intended, higher classes were opened and the schools were upgraded.

Up-Grading of Government Middle School at Rampa Chodavaram, Cherla and Modemkhallu :

The scheme was also taken up during the last year of the Second Plan and an expenditure of Rs. 0.04 lakh was incurred for upgrading the Government Middle Schools at Rampachodavaram, Cherla and Mondemkhallu.

Supply of Books, Slates and Clothing to the Tribal children :

Under the scheme, it was proposed to supply books as well as clothes to the Tribal Children studying in the Elementary and Higher Elementary Schools and a provision of Rs. 5.17 lakhs was made in the Second Plan (Revised) with a view to benefiting 1,13,600 tribal children during the Plan period. The scheme was taken up in 1957-58 and a total number of 86,538 tribal children were benefited during the Plan period at a total cost of Rs. 5.16 lakhs.

Construction of Pucca Buildings :

Under the scheme, it was proposed to construct 60 Pucca School Buildings during the Second Plan period in the agency areas of the Andhra Region at an estimated cost of Rs. 3.74 lakhs. The scheme was taken up for implementation during the year 1957-58 and a total number of 49 school buildings were constructed during the Plan period at a cost of Rs. 3.22 lakhs.

Opening of Mid-Day Meals Centres at Tadepalli, Bhimavaram and Pydakulamandu :

The scheme was taken up for implementation during the last year of the Second Plan and a sum of Rs. 0.04 lakh was spent for opening Mid-Day Meals Centres at Tadepalli, Bhimavaram and Pydakulamandu.

Increase in the strength of Boarders in the Government Free Boarding Homes at Gummalaxmipuram, Kondrukota, Chintapalli and G. Madugola :

The scheme was included in the plan in 1960-61 and the strength of boarders in the Government Free Boarding Homes at Gummalaxmipuram, Kondrukota, Chintapalli and G. Modugola was increased by 22 as programmed and a sum of Rs. 0.10 lakh was spent.

Opening of Basic Training School at Bhadrachalam for the Training of Teachers :

The scheme was taken up for implementation during the years 1957-58 to 1958-59 and a sum of Rs. 0.42 lakh was spent during the Second Five Year Plan period.

Construction of Additional Block to Government School at Bhadrachalam :

The entire plan provision of Rs. 0.34 lakh was spent on the scheme for the construction of additional blocks to Government School at Bhadrachalam during the years 1957-58 and 1958-59.

Opening of Hostels for Girls at Polavaram in West Godavari District, Bhadrachalem in Khammam District and Peduru in Visakhapatnam District :

With a view to open Hostels for Girl students an amount of Rs. 0.13 lakh was provided in the plan. Out of this a sum of Rs. 0.04 lakh was spent till the end of March, 1961.

Appointment of Special District Agricultural Officer for Agency with necessary staff :

During the year 1957-58 a special District Agricultural Officer with necessary staff with headquarters at Kakinada was appointed with a view to ensuring proper supervision of the work of agricultural Demonstrators in the Agency

areas. The scheme was continued during the rest of the plan period and a sum of Rs. 1.31 lakhs was spent on this scheme during the Plan period.

Scheme for distribution of seeds to tribals on exchange basis :

This is a scheme intended for distribution of seeds to tribals on exchange basis. An amount of Rs. 0.01 lakh was provided in the plan and the entire amount was spent by the end of March 1961.

Training of Hillmen as Demonstration Maistries for Propaganda work among Hill-men owning lands, in improved methods of Agriculture :

Under the scheme, it was proposed to train 300 Hillmen as Demonstration Maistries during the Second Five-Year Plan period at a total cost of Rs. 0.77 lakh. 197 hillmen only were trained as Demonstrative Maistries during the plan period and an expenditure of Rs. 0.63 lakh was incurred on the scheme.

Opening of 3 Pilot Farms in Srikakulam, Visakhapatnam and West Godavari Districts :

The scheme envisages the establishment of 3 pilot farms at an estimated cost of Rs. 2.12 lakhs during the Second Five-Year Plan period with a view to train tribals in the improved methods of agriculture and during the year 1957-58, 3 pilot farms were opened in Srikakulam, Visakhapatnam and West Godavari Districts and continued during the rest of the plan period. An expenditure of Rs. 2.40 lakhs was incurred on the scheme.

Improvements to Agriculture facilities in Seethampeta and Gummalaemipuram in Srikakulam District :

Under the scheme it was proposed to sell seeds and manures to tribal agriculturists at half the cost upto a maximum of Rs. 650.00 per family per year so as to popularise improved agriculture facilities among them. The scheme was taken up for the implementation during the year 1957-58 and a sum of Rs. 0.74 lakh was spent during the Plan period.

Scheme for maintenance and Development of Demonstration-cum-Exploratory farm, Rampachodavaram in East Godavari District :

A Demonstration-cum-Exploratory farm was established at Rampachodavaram in East Godavari District

with a view to develop fruit cultivation in the agency areas. The scheme was brought into the Plan during the year 1957-58 and an expenditure of Rs. 1.93 lakhs was incurred during the Second Five Year Plan period.

Opening of Demonstration Unit in Agency Areas :

Under the scheme it was proposed to open 8 Demonstration Farms in the agency areas with a view to train the tribal people in improved methods of cultivation as well as fundamentals of agriculture such as crop rotation etc. During the year 1958-59, the scheme was taken up for implementation with the opening of a demonstration unit at Chintapalli in Visakhapatnam district. In the subsequent year, 7 more units were opened and all the eight units were continued during rest of the Second Five Year Plan. A sum of Rs. 1.63 lakhs was spent on this scheme during the Plan period.

Appointment of Additional U.D.C. in the Office of the Director of Agriculture :

The scheme was taken up for implementation during the year 1959-60 and an Additional U.D.C. was appointed in the office of the Director of Agriculture to attend to the emergency work relating to tribal welfare scheme and an amount of Rs. 0.03 lakh was spent on the scheme.

Appointment of Agency Agriculture Officer, Vizag with necessary staff :

The scheme was taken up for implementation during the year 1959-60 and an agency Agricultural Officer with Head quarters at Visakhapatnam was appointed during 1959-60, in order to cope up with the work of Agricultural Officer, Kakinada. An expenditure of Rs. 0.68 lakh was incurred on this scheme.

Welfare of Chenchus :

School and Hospital for Chenchus at Dornal in Kurnool District :

During the year 1956-57 a school and hostel with a strength of 46 children were opened at Dornal in Kurnool District to provide educational facilities to the children of Chenchus and continued. The expenditure incurred on this scheme amounted to Rs. 0.55 lakh.

Opening of Mobile Medical Unit at Dornal for Chenchus :

The scheme was implemented from the year 1957-58 with a view to providing Medical facilities to Chenchus and an expenditure of Rs. 0.98 lakh was incurred on the scheme during the Plan period.

Administration Staff :

The scheme was also taken up for implementation during the year 1957-58 and special staff for the execution of schemes relating to the welfare of Chenchus was appointed and continued during the rest of the plan period at a total cost of Rs. 0.62 lakh.

Scheme for Bamboo and Rattan Basket making centre at Paderu in Visakhapatnam District.

Under the scheme, it was proposed to provide training facilities for tribals in making bamboo and rattan baskets in order to enable them to make a living and improve their economic conditions a provision of Rs. 0.19 lakh was made in the Second Plan for the training of 60 tribals. However, during the Plan period, 58 tribals were trained and an expenditure of Rs. 0.19 lakh was incurred on the scheme during the Plan period.

Mat weaving with Kora and Thunga at Cherla in East Godavari District

A provision of Rs. 0.18 lakh was made in the revised Plan with a view to train 60 tribals in mat weaving with Kora and Thunga at Cherla in East Godavari district. However an expenditure of Rs. 0.28 lakh was incurred on the scheme for the training of 60 tribals during the Plan period.

Tanning Demonstration Unit Covadi in Srikakulam District

Under the scheme it was proposed to train 160 tribals, in the improved methods of tanning and manufacture of footwear during the Second Plan period at a total cost of Rs. 0.19 lakh. This scheme was taken up for implementation during 1957-58 and though an expenditure of Rs. 0.22 lakh was incurred on the scheme, only 64 tribals were trained during the Plan period.

Extraction of Palmyrah fibre in Agency areas of East Godavari District.

Under the scheme, a Training Centre was started at Rampachodavaram in East Godavari District and a total expenditure of Rs. 0.04 lakh was incurred on the scheme during the Second Plan period.

Opening of Touring Billet in Srikakulam District.

With a view to providing veterinary aid to Livestock belonging to the Tribal people in Srikakulam District a Touring Billet and two Veterinary dispensaries were opened in 1957-58 and continued during the rest of the Second Five Year Plan period. The total expenditure during the Second Five Year Plan period amounted to Rs. 0.16 lakh.

Livestock Farm at Chintapalli :

This scheme is intended for the improvement of Livestock Farm at Chintapalli at an estimated cost of Rs. 7.00 lakhs during the Second Five Year Plan period. As programmed, the additional staff were appointed and necessary improvements to the farm were carried out. An expenditure of Rs. 7.03 lakhs was incurred on the scheme during the Second Five Year Plan period.

Opening of two Minor Veterinary Dispensaries at Chintapalli, Vizag District and G.L. Puram in Srikakulam district.

Under the scheme, it was proposed to open two minor Veterinary Dispensaries in the tribal areas and a provision of Rs. 0.31 lakh was made in the Second Five-Year Plan. The scheme was taken up for implementation during the year 1957-58 and two Veterinary dispensaries were opened and continued. A total sum of Rs. 0.48 lakh was spent on the scheme during the Second Plan period.

Opening of Veterinary First Aid Centres in Srikakulam district.

Under the scheme it was proposed to open 5 Veterinary First Aid Centres during the Second Five-Year Plan period in Tribal areas. The scheme was taken up for implementation during the year 1958-59 and only two First Aid centres were opened and continued during the subsequent years. A sum of Rs. 0.24 lakh was spent on the scheme during the Plan period.

Distribution of Breeding Bulls and Payment of Bonus :

It was proposed to distribute 17 Bulls during the Second Plan period to the tribals and pay bonus for their maintenance. The scheme was taken up for implementation during the year 1958-59 and continued during the rest of the Second Plan period. An expenditure of Rs. 0.25 lakh was incurred on the scheme during the Plan period and 14 bulls were supplied.

Distribution of Female stock and payment of bonus to Koyas in East Godavari District.

The scheme was taken up for implementation during the year 1959-60 and a provision of Rs. 0.10 lakh was made in the Plan for the necessary distribution of Female stock and payment of bonus to Koyas in East Godavari district. But only 10 female stock at the rate of five per year during 1958-59 and 1959-60 were distributed and an expenditure of Rs. 0.04 lakh was incurred on the scheme during the Plan period. The scheme was dropped during the year 1960-61.

Distribution of Sheep :

The scheme was taken up for implementation from the year 1957-58 and the entire provision Rs. 0.09 lakh made for this scheme was utilised. As Programmed 100 sheep at the rate of 25 per year were distributed during the Plan period.

Distribution of Poultry :

Under this Scheme it was proposed to distribute 820 Poultry during the Second Five Year Plan period at an estimated cost of Rs. 0.10 lakh. A sum Rs. 0.08 lakh was spent during the Plan period on the scheme and 1054 Poultry were distributed.

Supply of Poultry Houses and Other appliances.

The Scheme envisages the supply of Poultry houses and other appliances at concessional rates and a sum of Rs. 0.02 lakh was spent on the scheme during the year 1957-58 and 5 Poultry houses were distributed.

Starting of Hatchery and opening of one Poultry Unit.

With a view to encouraging Poultry in agency areas a Hatchery and Poultry Unit was started at

Gummalaxmipuram in Srikakulam District in 1958-59 and continued during the subsequent year. An expenditure of Rs. 0.10 lakh was incurred on the scheme during the Plan period.

Additional staff in the Office of the District Veterinary Office, Kakinada.

To cope up with the increased work, additional staff was sanctioned to the Office of the District Veterinary Officer Kakinada in 1960-61 and a sum of Rs. 0.02 lakh was spent on the scheme till the end of March, 1961.

Communications :

In the Second Plan, an amount of Rs. 95.86 lakhs was provided to connect agency areas with Plains and to provide better communication facilities for Tribals. This includes formation of new roads, construction of bridges culverts and improvements to roads already formed. In all 19 schemes were executed during the Second Plan at a cost of Rs. 95.86 lakhs as detailed below :—

<i>(Rs. in Lakhs)</i>		
<i>Name of the Scheme</i>	<i>Provi- sion</i>	<i>Expen- diture</i>
(1) Formation of unformed portions and improvements to the existing roads from Paderu to Tajangi (<i>via</i>) G. Madagole, Paderu to Lothugadda Meteling.	9.28	13.10
(2) Forming a fair weather road from Paderu to Sujankota in Visakha- patnam district.	10.70	10.42
(3) Forming a fair weather road from Paderu to Orissa Border (<i>via</i>) Hukumpet and Kinchumanada.	11.01	12.20
(4) Forming a road from Sujankota to Duduma.	8.08	10.34
(5) Forming a road from Pedavalasa to Katragadda.	12.14	23.95

(Rs. in Lakhs)

<i>Name of the Scheme</i>	<i>Provi- sion</i>	<i>Expen- diture</i>
(6) Forming a road from Kurupam to Mulagedu.	2.43	2.65
(7) Forming a road from Seetapalli to Addatigala and Thence to Cherkommupalem.	1.30	1.93
(8) Forming a road from Dharakonda Gudem (via) Laukapakala.	16.12	13.78
(9) Forming Minimalm ghat Road.	3.35	3.35
(10) Investigation for the construction of a bridge on Sabari River in M/34 245 Rampachodavaram to Bhadrachelam road.	0.10	..
(11) Construction of 90 bridges across the river Yeleru at M/15-5 at Addatigala Seetampeta Road.	0.05	..
(12) Construction of 17 Bridges and culverts on Addatigala to Seethampeta Road.	0.20	..
(13) Forming a road from Rampachodavaram to Bhadrachelam via Maredumilli, Lakkavaram excluding the portion from Maredumilli to Chintur.	7.48	7.64
(14) Forming a road from Gangavaram to Joing M.D.R.No. 6 (via) Gollapodi	0.19	0.15
(15) Forming a road from Addatigala to Ramavaram.	4.29	4.51
(16) Forming a road from M/22/10 Rajahmundry Maredumilli road to M/26/0 of Samalkota to Gokavaram Road.	0.77	0.27

(Rs. in Lakhs)

<i>Name of the Scheme</i>	<i>Provi- sion</i>	<i>Expen- diture</i>
(17) Construction of 107 cross drainage works on road from Rampachodavaram to Bhadrachelam.	1.50	0.66
(18) Construction of Cross drainage work on the road from Addatigala to Ramavaram (905 D. Work)	1.34	1.82
(19) Construction of cross drainage works on the road from Gagavaram to Join Mdr. No. 6 (<i>via</i>) Nellipudi	0.24	0.22
(20) Forming and Metalling the road from Kunavaram to Chintur.	1.50	1.54
(21) Forming a road from Maredumalli to Chimber.	2.85	8.49
(22) Forming a road from Kunawaram to Pochavaram (<i>via</i>) Epuru.	1.04	0.70

Towards the formation of small village roads and carrying out petty repairs to the roads, an amount of Rs. 1.67 lakhs was provided in the Second Plan and the expenditure incurred on the scheme till the end of March 1961 was Rs. 1.08 lakhs.

Aid to Voluntary Agencies :

This is a scheme intended to aid voluntary agencies which are rendering service for the welfare of tribals in agency areas. Towards this, an amount of Rs. 1.90 lakhs was allotted in the Second Plan out of which an amount of Rs. 1.29 lakhs was spent on the scheme till the end of March 1961.

Land Colonisation schemes :

With a view to setting the tribals in permanent cultivation it was proposed to construct huts and allot the reclaimed lands to the tribal families so that they may be able to improve their economic conditions. For this an amount of Rs. 13.48 lakhs was provided in the Second Plan, out of which Rs. 10.41 lakhs was spent on land colonisation schemes for the betterment of the tribals. The expenditure incurred on each of the L.C. Scheme is given below :—

	(Rs. in lakhs.)	
	Provi- sion	Expen- diture.
(a) Tajangi Land Colonisation Scheme.	4.64	3.53
(b) Mampakinchuvanipalem L.C. Schemes.	1.08	0.23
(c) Gujjumamidivalsa L.C. Scheme ..	2.15	1.48
(d) L. C. Schemes in East Godavari and West Godavari and Khammam districts.	1.61	1.63
(e) L.C. Schemes for Yerukulas, Yenadis and Sugalies.	4.00	3.54

Construction of quarter for staff and protected water supply to township :

This is a scheme intended for construction of quarters for staff in Araku Valley and for the supply of protected water to township. For this purpose a sum of Rs. 3.60 lakhs was provided in the Second Plan, out of which an amount of Rs. 3.86 lakhs was spent on this scheme till the end of the plan.

Development of Fisheries in the Agency areas and distribution of fingerlings to tribals :

With a view to develop the fisheries in the agency areas for the betterment of the economic conditions of tribals and to supply fingerlings to tribals, an amount of Rs. 0.23 lakh was provided in the Second Plan. Against this provision, a sum of Rs. 0.21 lakhs was spent during the Plan period.

Finance and Development Corporation :

This scheme is intended for providing credit facilities to the tribal people for supplying the domestic requirements and other necessities of life and also for providing facilities for marketing their agricultural produce. "The Andhra Scheduled Tribes Co-operative Finance and Development Corporation Limited", Visakhapatnam was established and for its management some staff was appointed. In the Second Plan a sum of Rs. 8.97 lakhs was provided for this scheme, but an expenditure of Rs. 11.86 lakhs had been incurred till the end of March 1961.

Major Irrigation :

For providing irrigation facilities to the tribal people and to improve their economic conditions through agriculture and for providing repairs to the tanks, the following schemes were taken up during the Second Plan period.

- (a) Reservoir across Tajangigadda.
- (b) Restoration of Votikonta tank.
- (c) Construction of Anicut across Utlakalava.
- (d) Repairs to Panuru tank in Bhadrachalam taluk.
- (e) Improvements and repairs to Kondapalli tank.
- (f) Restoration of Kolivara tank.
- (g) Anicut across Taganjigadda.
- (h) Formation of an irrigation tank at M/4 Bridle path near Nandigama village.
- (i) Restoration of Chinamidiseleru tank.
- (j) Formation of irrigation tank at M 1/1 to M. 2/2 bridle path near Moduguda village.
- (k) Construction of anicut across Pullanegivagu.

A sum of Rs. 0.92 lakh was spent on this scheme during the plan period as against the provision of Rs. 4.36 lakhs.

Repairs to Minor Irrigation Tanks in Agency Areas :

Under the scheme it was proposed to undertake repairs to 26 Minor Irrigation works in the tribal areas at a cost of Rs. 1.96 lakhs. But only 4 works were completed during the plan period and an expenditure of Rs. 1.60 lakhs was incurred on the scheme.

Installation of Radio Sets in Agency Areas :

The scheme envisages the installation of 115 sets in tribal areas at a cost of Rs. 0.47 lakh during the plan period but an expenditure of only Rs. 0.39 lakh was incurred while physical targets envisaged under the programme were achieved in full.

Tribal Cultural Research Institute :

The scheme was taken up during the year 1959-60 with a view to study the civilisation, pattern of life and the day-to-day problems of Tribals and out of the provision of Rs. 1.05 lakhs for this scheme, a sum of Rs. 0.34 lakh was spent during the plan period.

Soil Conservation :

A sum of Rs. 2.30 lakhs was provided in the Second Plan for the soil conservation measures in tribal areas and against this an expenditure of Rs. 0.06 lakh was incurred during the Plan period.

Development of Atmakur Co-operative Society for Chenchus, Kurnool district :

During the year 1956-57 a purchase and sales society was established at Atmakur in Kurnool district for the welfare of Chenchus and some staff was also appointed to run the society. A sum of Rs. 0.45 lakh was spent on the scheme during the plan period.

Formation of purchase and sales co-operative society at Dornal for Chenchus :

The Society was formed during the year 1956-57 with a view to serving the needs of chenchus of Dornal Region. To run the society some staff was also appointed and an expenditure of Rs. 0.43 lakh was incurred on the scheme during the Plan period, as against an allotment of Rs. 0.62 lakh.

Development of Kotaramachandrapuram Co-operative Marketing Society :

A provision of Rs. 0.42 lakh was made in the Second Plan (Revised) for the development of Kotaramachandrapuram Co-operative Marketing Society. The scheme was

implemented during the years 1957-58 to 1959-60 and an expenditure of Rs. 0.39 lakh was incurred.

Development of Anantagiri Agency Co-operative Society :

The scheme was taken up for implementation during the year 1959-60 and 1960-61 and an expenditure of Rs. 0.18 lakh was incurred on it during the Plan period.

Administrative staff in the Office of the Registrar of Co-operative Societies :

In order to cope up with the increased work load resulting from the implementation of the many schemes designed to benefit the tribals, a provision of Rs. 0.25 lakh was made in the plan for the appointment of additional staff in the Office of the Registrar of Co-operative Societies. The scheme was implemented from the year 1957-58 and an expenditure of Rs. 0.23 lakh was incurred.

Development of Addatigala Co-operative Stores, Kakinada :

Under the scheme for the development of Addatigala Co-operative Stores, Kakinada additional staff was appointed during the plan period and an expenditure of Rs. 0.19 lakh was incurred against the provision of Rs. 0.15 lakh.

Opening of Women Welfare Branches in Agency Areas :

Under the scheme, it was proposed to open 3 Women Welfare branches in the agency areas and a provision of Rs. 1.80 lakhs was made in the plan. Accordingly 3 Women Welfare Centres were opened during the year 1957-58 and continued during the subsequent years and an expenditure of Rs. 1.27 lakhs was incurred on the scheme during the Plan period.

Refresher Course to Field Staff :

A provision of Rs. 0.06 lakh was made in the Second Plan with a view to giving refresher course for 80 members of the Field Staff of Women Welfare Department to enable them to gain sufficient knowledge of the various schemes and developmental programmes. However, only 40 candidates have undergone training and an expenditure of Rs. 0.06 lakh was incurred on the scheme during the Plan period.

Opening of a Women Welfare Centre for Chenchus in Kurnool district :

The scheme envisages the opening of 3 Women Welfare Centres for Chenchus in Kurnool district and a provision of Rs. 0.30 lakh was made for this purpose. However, only the centre could be opened in 1958-59 and continued during the subsequent years of the plan and an expenditure of Rs. 0.27 lakh was incurred on the scheme during the plan period.

Social Assistant to sick and infirm :

Under the scheme it was proposed to assist 300 sick and infirm members of the tribals and a provision of Rs. 0.30 lakh was made in the plan for this purpose. An expenditure of Rs. 0.27 lakh was incurred on the scheme and only 100 sick and infirm members were given aid during the years 1958-59 to 1960-61 at the rate of 50 per year.

Additional staff in the office of the Director of Women's Welfare :

In order to cope up with the additional work resulting from the implementation of the tribal welfare schemes, additional staff was appointed in the Office of the Director of Women's Welfare during the year 1957-58 and continued during the subsequent years. An expenditure of Rs. 0.99 lakh was incurred on the scheme during the plan period.

Visit by Medical Officers in Visakhapatnam and Srikakulam districts :

Under the scheme, Medical Officers of the Government Medical Colleges pay visits to the tribal areas with a view to giving necessary Medical aid to the tribals. Out of the Second Five Year Plan provision of Rs. 0.09 lakh an expenditure of Rs. 0.11 lakh was incurred on the scheme during the plan period.

Improvements to Government Dispensaries at Jeelagumilli :

A provision of Rs. 0.49 lakh was made for the improvement of the Government dispensaries at Jeelugumilli. Necessary improvements were carried out in the dispensary as programmed with an expenditure of Rs. 0.49 lakh,

Conversion of Dispensary at Chintapalli into 12 bedded hospital :

With a view to providing better facilities to the tribals it was proposed to convert the dispensary at Chintapalli into a 12 bedded hospital and a provision of Rs. 0.67 lakh was made in the plan for this purpose. The scheme was taken up for implementation during the year 1957-58 and an expenditure of Rs. 0.43 lakh was incurred on the scheme during the plan period.

Opening of Government Dispensary with emergency ward at G. Madugola :

The scheme was taken up for implementation during the period from 1957-58 to 1959-60 and an expenditure of Rs. 0.31 lakh was incurred for the opening of a Government Dispensary with emergency ward at G. Madugola.

Mobile Unit at Polavaram :

With a view to providing better medical facilities to tribals, a mobile medical unit was opened at Polavaram during the year 1958-59 and continued during the subsequent period. Out of the Second Plan (Revised) provision of Rs. 0.34 lakh a sum of Rs. 0.54 lakh was incurred on the scheme during the plan period.

Improvement to Government Hospital at Polavaram :

A provision of Rs. 0.46 lakh was made in the plan for the improvement of the Government Hospital at Polavaram. During the period 1957-58 to 1960-61, the improvements were taken up and an expenditure of Rs. 0.45 lakh was incurred.

Improvements to the dispensary at Cherla and hospital at Venkatapuram :

A provision of Rs. 0.14 lakh was made in the plan for the improvement of dispensary at Cherla and hospital at Venkatapuram. Against this a sum of Rs. 0.16 lakh was spent during the plan period.

Opening of Dispensary at Thonam :

With a view to providing necessary medical facilities to tribals, a dispensary was opened at Thonam in Sri-kakulam district during the year 1958-59 and an expenditure of Rs. 0.12 lakh was incurred on the scheme during the plan period.

Conversion of dispensary at K. D. Peta into 12 bedded hospital for women and children and construction of quarters for staff :

An expenditure of Rs. 0.14 lakh was incurred on the scheme for the conversion of dispensary at K. D. Peta into 12 bedded hospital for women and children and also for the construction of staff quarters

Mobile Medical Unit at Seethampeta :

A provision of Rs. 0.43 lakh was made for the opening of Mobile Medical Unit at Seethampeta with a view to covering the needs of the tribal people. The Unit was opened during the year 1958-59 and an expenditure of Rs. 0.37 lakh was incurred on the scheme during the Plan period.

Construction of buildings for dispensaries and quarters for staff at Seethampeta :

Under the scheme, it was proposed to construct buildings for the dispensary at Seethampeta and also quarters for the staff. For this purpose a sum of Rs. 0.32 lakh was allotted in the Plan and against this an expenditure of Rs. 0.21 lakh was incurred on the scheme during the Plan period.

Improvement to Government Hospital at Bhadrachalam and quarters for staff and electrification of buildings for staff :

Under the scheme, it was proposed to carry out improvements to Government Hospital at Bhadrachalam and also construct quarters for the staff. For this purpose, a sum of Rs. 0.31 lakh was provided in the Plan for 1956-61. During the years 1959-60 and 1960-61, a sum of Rs. 0.20 lakh was spent on the scheme for carrying out necessary improvements.

Opening of Hospital at Bhadraviri :

A provision of Rs. 0.40 lakh was made in the revised plan for the opening of Hospital at Bhadraviri with a view to providing necessary medical facilities to the tribals of the area. An expenditure of Rs. 0.35 lakh was incurred on the scheme. One hospital was opened in Bhadraviri as programmed.

Anti-malarial Operation in Agency Areas :

The scheme envisages the eradication of Malaria by undertaking anti-malarial operations in agency areas and provision of Rs. 19.21 lakhs was made in the Second Plan for the opening of 10 centres for carrying out anti-malarial operations in the tribal areas. During 1957-58 only 2 centres were opened and continued during the subsequent years of the plan and an expenditure of Rs. 20.32 lakhs was incurred on the scheme during the Plan period.

Maternity and Child Health Centres in the Agency Areas :

Under the scheme, it was proposed to open 6 Maternity and Child Health Centres at an estimated cost of Rs. 2.68 lakhs. Two maternity and child Health centres in 1957-58, three in 1958-59 and one in 1960-61 were opened thereby achieving the target. A total expenditure of Rs. 2.23 lakhs was incurred on the scheme during the plan period.

Antiyaws Campaign in Srikakulam district :

A sum of Rs. 1.29 lakhs was provided in the revised plan for carrying out antiyaws campaign in the Srikakulam district. The entire provision was utilised during the period under review.

Digging of drinking water wells in Agency areas :

Under the scheme, it was proposed to sink 150 wells in agency areas with a view to providing protected water to tribals. Towards this a provision of Rs. 7.67 lakhs was made in the Second Plan. However, 116 drinking water wells were sunk during the Plan period and an expenditure of Rs. 7.28 lakhs was incurred.

Miscellaneous :

A sum of Rs. 2.48 lakhs was provided in the Plan for 1956-61 for expenditure on this scheme. However, only a sum of Rs. 0.04 lakh was spent during the Plan period.

Opening of Government Dispensary with emergency ward at Sujankota :

An expenditure of Rs. 0.02 lakh was incurred on the scheme for the opening of a dispensary with an emergency ward at Sujankota during the year 1959-60.

Opening of Mobile Medical Unit at Naguru in Khammam district :

A provision of Rs. 0.28 lakh was made for the opening of a Mobile Medical Unit at Naguru in Khammam district. An expenditure of Rs. 0.03 lakh was incurred on the scheme during the Plan period and the Mobile Medical Unit was opened during 1959-60.

Increase of the strength of boarders from 50 to 80 in the Government Boys' Hostel, Paderu :

This is a new scheme taken up during 1960-61 with a provision of Rs. 0.06 lakh and an amount of Rs. 0.03 lakh was spent on the scheme till the end of March, 1961. As programmed the strength of Boarders was increased from 50 to 80.

Scheme for the distribution of sweet-potatoes :

This is a new scheme implemented during the year 1960-61 for the distribution of sweet-potatoes among tribals and an amount of Rs. 0.02 lakh was spent on the scheme till the end of March, 1961.

Scheme for starting of 6 Training Camps :

This is a new scheme taken up during 1960-61. It was proposed under the scheme to start 6 training camps in the year 1960-61 . An amount of Rs. 0.01 lakh was spent during the financial year 1960-61 and as programmed the 6 training camps were started.

TELANGANA

Award of Scholarships :

Under this scheme, it was proposed to award 12775 scholarships to the tribal students with a view to encouraging education among them and a provision of Rs. 2.63 lakhs was made in the Second Plan for this purpose. During the plan period, an expenditure of Rs. 2.63 lakhs was incurred and 9212 scholarships were awarded to tribals children in the Telangana Region during the first four years of the Plan.

Hostels :

Under this scheme, it was proposed to open 3 Hostels with a view to providing lodging and boarding facilities to tribal students in Telangana Region and a provision of Rs. 1.08 lakhs was made for this purpose in the Second Plan. As programmed 3 Hostels were opened at Hanumakonda in Warangal District, Burgampahad in Khammam District and another in Adilabad district during the first two years of the Second Plan and were continued during the subsequent years. An expenditure of Rs. 1.16 lakhs was incurred on the scheme during the plan period.

Schools :

Under the scheme, it was proposed to open 18 schools for the tribal children in the Telangana region at an estimated cost of Rs. 0.92 lakh. But 24 Schools were opened during the plan period at a cost of Rs. 0.79 lakh.

Aid to Private Hostel :

The scheme envisages the sanction of grants to private hostels intended for the tribal children and an expenditure of Rs. 0.03 lakh was incurred on the scheme during the plan period.

Saliwada Ashram School:

An ashram school was opened in July 1959 by the Servants of India Society. Towards the maintenance of this Ashram School, an amount of Rs. 0.07 lakh was provided in the budget for 1960-61 and an amount of Rs. 0.08 lakh was spent till the end of March 1961.

Demonstration Farm :

Under the scheme, it was proposed to open 2 Demonstration Farms in tribal areas with a view to providing practical training in the field of Agriculture and also for demonstrating modern methods of cultivation to them. As programmed two demonstration farms were opened at Warangal and Karimnagar during the first two years of the Second Plan and were continued

during the rest of the plan period. An expenditure of Rs. 0.44 lakh was incurred on the scheme during the plan period.

Supply of plough bullocks :

With a view to encouraging tribals in the field of agriculture, it was proposed to supply 625 pairs of plough bullocks free of cost during the Second Plan period and a provision of Rs. 4.45 lakhs was made for this purpose in the plan. During the Second Plan 726 pairs of plough bullocks were supplied at a cost of Rs. 5.80 lakhs.

Supply of Seeds and Implements :

The scheme envisages supply of seed and other agricultural implements free of cost to the deserving tribal families so as to encourage them to take up agriculture. A provision of Rs. 0.59 lakh was made in the plan for supply of seed and other agricultural implements to tribal people. The actual expenditure incurred on the scheme amounted to Rs. 0.57 lakh and the targetted number of 500 families were benefited.

Handicrafts :

Under the scheme, it was proposed to open 16 Handicrafts centres in the tribal areas of the Telangana region with a view to provide training facilities to tribals in handicrafts. A provision of Rs. 0.81 lakh was made for this purpose in the plan. However, only 15 Handicraft centres could be started during the plan period and an expenditure of Rs. 0.66 lakh was incurred on the scheme.

Sericulture :

To provide supplementary occupation to tribals, one Sericulture Farm was opened in 1957-58 at Mahbubnagar and continued during the subsequent years. A sum of Rs. 0.38 lakh was spent on the scheme during the plan period as against an allotment of Rs. 0.31 lakh.

Training-cum-production Centre :

With a view to providing training facilities for tribals in carpentry, tanning, weaving etc., it was proposed to open 3 Training-cum-Production Centres in Telangana

Region during the Second Plan period. As programmed the 3 centres were opened during the first year of the Second Plan and continued during the rest of the plan period. An expenditure of Rs. 1.47 lakh was incurred on the scheme as against the revised plan provision of Rs. 1.84 lakhs.

Co-Operative Stores :

During the first two years of the Second Five Year Plan, 4 Co-operative Stores were opened in Adilabad, Karimnagar and Khammam districts with a view to selling the daily necessities at reasonable rates and an expenditure of Rs. 0.41 lakh was incurred on the scheme during the plan period.

Forest Co-Operative Societies :

Under the scheme it was proposed to start 5 Forest Co-operative Societies during the Second Five-Year Plan with a view to preventing the private contractors from exploiting the tribal people and to provide employment to them. A provision of Rs. 1.02 lakhs was made for this purpose in the Second Plan. As programmed 5 forest Co-Operative Societies were formed during the plan period but the expenditure incurred on the scheme amounted to only Rs. 0.86 lakh.

Supply of Sheep and Buffaloes :

Under the scheme it was proposed to supply sheep and Buffaloes to the tribals free of cost with a view to improving their economic conditions. The scheme was implemented during the last two years of the Second Plan and 154 sheep and 30 Buffaloes were supplied at a cost of Rs. 0.73 lakh.

Roads :

A sum of Rs. 4.91 lakhs was provided in the Second Plan for the improvement of communication facilities in tribal areas by forming roads etc., and an expenditure of Rs. 0.63 lakh was incurred on the scheme during the plan period.

Sinking of Wells :

Under the scheme it was proposed to sink 110 new wells and repair 101 old wells during the Second Five Year Plan Period at an estimated cost of Rs. 1.38 lakhs. During the period under review 109 new wells were sunk and 276 old wells were repaired at a cost of Rs. 1.42 lakhs.

Colonisation :

With a view to rehabilitating the tribal people, it was proposed to construct 16 Colonies in the Telangana Region during the Second Five-Year Plan period at an estimated cost of Rs. 5.31 lakhs. As programmed 16 Colonies were constructed during the plan period but the expenditure incurred on the scheme amounted to Rs. 6.82 lakhs.

Cultural Activities :

With a view to creating social and civil consciousness among tribals, it was proposed to celebrate 25 cultural Programmes during the plan period at a cost of Rs. 0.10 lakh. During the plan period 17 programmes were celebrated and an expenditure of Rs. 0.15 lakh was incurred.

Women Welfare Centres :

A provision of Rs. 0.55 lakh was made in the Second Plan for the opening of 2 Women Welfare centres in tribal areas of the Telangana Region. As programmed the centres were opened during the year 1958-59 and continued thereafter. An expenditure of Rs. 0.36 lakh was incurred on the scheme.

Administration :

A provision of Rs. 0.87 lakh was made in the Second Plan for appointment of additional staff in the Tribal Welfare Department to cope up with the additional work resulting from implementation of plan programmes. An expenditure of Rs. 0.43 lakh was incurred on the scheme during the plan period.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							
		Second Plan Provision		Expenditure incurred in					Total Expendi- ture.
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA									
<i>Education</i>									
1.	Appointment of an agency Educational officer with necessary staff.	19.61	1.01	..	0.16	0.28	0.27	0.84	1.05
2.	Increase in the strength of Boarders in Government Boarding Homes at Chintalapalli and Kunavaram.	..	0.10	0.01	0.01	0.02	0.02	0.08	0.09
3.	Conversion of subsidised hostels into Government free boarding homes.	..	0.41	..	0.18	0.07	0.08	0.07	0.40
4.	Opening of a new Government Boarding Home at Paderu and Mare-dumilli.	..	0.28	0.04	0.03	0.04	0.06	0.08	0.25
5.	Opening of new Elementary Schools.	..	2.69	..	0.12	0.43	0.63	0.89	2.08
6.	Continuance of Government Middle Schools at Gummalaxmipuram.	..	0.20	..	..	..	0.08	0.14	0.22
7.	Increase in the rate of Boarding charges from 0.40 nP. to 0.50 nP.	..	0.30	..	..	..	0.09	0.14	0.23
8.	Sanction of P.A. and U.D.C. to the Office of the Agency Educational Officers	..	0.07	..	..	..	0.02	0.04	0.06
9.	Sanction of Dy. Inspectors' Offices in Agency areas at five places.	..	0.78	..	..	..	0.17	0.46	0.63

XXXII
FO SCHEDULED TRIBES.

Item	Unit	Physical Targets and Achievements							Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					1960-61	
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	

Staff Scheme.

Increase in Boarders	No.	22	22		Continued.				22
Hostels converted into Govt. Boarding Homes.	„	7	..	6	Continued				6
Hostels opened	.. „	2	2		Continued				2
Boarders benefitted	.. „	50	50		Do				50
Hostels Opened	.. „	60	..	15	15	15	15		60
School Continued	.. „	1	1	Continued		1

No. Specific Targets.
Staff Scheme.

W. Inspectors	.. „	5	5	..		5
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<i>Financial Targets and Achievements</i>									
Sri. No.	Name of the Scheme.	Second Plan Provision		Expenditure incurred in					Total Expen- diture
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
10.	Upgrading of Govern- ment Middle schools at Gummalakshmi- puram and Dumma- gudem into High Schools.	..	0.09	..	..	..	0.04	0.04	0.08
11.	Upgrading the Govern- ment Middle Schools at Paderu into High Schools.	..	0.02	..	..	..	0.02	0.02	0.04
12.	Opening of Government Free Boarding Home at Kondamodalu.	..	0.16	..	..	..	0.04	0.04	0.08
13.	Increase in the No. of boarders and the con- struction of pucca buildings for the Gov- ernment Boarding Home at Downuru ..	..	0.02	..	..	..	0.01	0.02	0.03
14.	Increase in the strength from 20 to 60 at the midday meals at Pidathamamidi.	..	0.02	..	..	..	0.01	0.02	0.03
15.	Opening of Govt. Board- ing Home at Sujana- kota with 40 board- ers.	..	0.08	..	..	..	..	0.03	0.03
16.	Increase in the strength from 17 to 40 in Boarding Home at Cherla.	..	0.04	..	..	..	0.01	0.03	0.04
17.	Opening of Government free Boarding Home at Dummagudem with a strength of 40 boarders.	..	0.07	..	..	..	0.01	0.07	0.08
18.	Opening of Govt. free Boarding Home at Mademkhalu with a strength of 40 board- ers.	..	0.08	..	..	..	0.08	0.06	0.09

XXXII
 SCHEDULED TRIBES

(Rupees in lakhs.)

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Schools upgraded	.. No.	2	..	..	..	2	..	2
Middle School Upgraded	.. „	1	..	..	..	1	..	1
Free Boarding Home opened	.. „	1	..	..	..	1	..	1
Building Constructed	.. „ ..	1	..	..	..	1	..	1
Increase in the No. of Mid-day Meals.	.. „	40	..	..	..	20	Conted.	20
Boarding Home opened	.. „	1	..	..	..	N.A.	N.A.	N.A.
Increase in No. of Boarders	.. „	23	..	..	..	23	..	23
Boarding Home Opened	.. „	1	..	..	..	1	..	1
Opening of boarding home.	.. „	1	..	..	..	..	1	1

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
19.	Conversion of Non-Basic Training Section attached to the Board High School, Sujanakota into Govt. Basic Training School and shifting it to Araku Valley and attached it to the Govt. Middle School there.	..	0.45	..	..	..	..	..	0.15	0.15
20.	Conversion of Non-basic Training section attached to the Government Higher Secondary School at Bhadrachalem into a Govt. Basic Training School.	..	0.45	..	..	..	..	..	0.15	0.15
21.	Opening of Higher classes, upgrading secondary schools at Dummagudem, Gummalakshampuram and Paderu.	..	0.10	..	..	..	..	..	0.05	0.05
22.	Upgrading of Govt. Middle Schools at Rampachodavaram, Cherala and Mondemkhalu.	..	0.10	..	..	..	..	..	0.04	0.04
23.	Supply of books, slates and Clothing to the Tribal Children.	..	5.17	..	1.22	1.23	1.71	1.00	5.14	5.14
24.	Construction of Pucca Buildings	..	3.74	..	0.41	1.44	1.20	0.17	3.22	3.22
25.	Opening of Midday meals centres at Tadepalli, Bhimavaram, and Pydakulamadu.	..	0.04	..	..	..	..	0.04	0.04	0.04
26.	Increase in the strength of Boarders in the Govt. free Boarding Homes at Gummalakshampuram Kondurkota, Chintapalli and G. Madugola	..	0.16	..	..	..	..	0.10	0.10	0.10

XXXII
SCHEDULED TRIBES

(Repees in lakhs)

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61.
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Upgrading secondary grade schools.	No.	3	..	..	..	..	3	3
Upgrading of Middle Schools.	..	3	..	..	..	..	3	3
No. of students benefitted.	..	1,13,600	..	28,400	16,851	28,400	12,887	86,538
School buildings constructed.	..	60	..	15	17	17	..	49
Opening of Midday meals Centres.	..	3	..	..	..	..	3	3
Increase of boarders strength	..	22	..	..	..	..	22	22

Sl. No.	Name of the	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
27.	Opening of Basic Training School at Bhadrachelam for the training of Teachers.	..	0.42	..	0.24	0.18	..	..	0.42
28.	Facilities to Civil Boarders in the Govt. Free Boarding Home at Bhadrachelam	..	0.02	..	..	..	..	..	..
29.	Construction of Addl. Block to School at Bhadrachelam	..	0.34	..	0.10	0.24	..	..	0.34
30.	Opening of Hostel for Girls at Polavaram (EGDT) Bhadrachelam Dist, Paderu (VSPDT)	..	0.13	..	..	..	..	0.04	0.04
	<i>Agriculture :</i>	7.65							
31.	Appointment of Spl. Dt. Agricultural Officer for Agency with necessary staff	..	1.15	..	0.26	0.33	0.37	0.35	1.31
32.	Scheme for the distribution of seeds to tribals on exchange basis	..	0.01	..	..	..	..	0.01	0.01
33.	Training of Hillmen as Demonstration Maitries for propaganda work among Hillmen owning lands in improved methods of Agriculture	..	0.77	0.18	0.19	0.08	0.10	0.07	0.63
34.	Opening of 3 pilot farms in Srikakulam, Visakhapatnam and West Godavari districts	..	2.12	..	0.72	0.68	0.53	0.47	2.40
35.	Improvement of Agriculture facilities in Seethampeta and Gummalaxmipuram in Srikakulam district	..	0.73	..	0.18	0.18	0.24	0.14	0.74
36.	Scheme for maintainance and Development of Demonstration Farm-cum-exploratory farms, Ramachodavaram in East Godavari	..	1.48	..	0.46	0.58	0.43	0.46	1.93

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expen- diture.
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
87.	Opening of Demonstration Unit in Agency areas .. ..	..	2.10	..	..	0.11	0.84	0.68	1.63
88.	Appointment of Addl. U.D.C. in the office of the Director of Agriculture .. ..	..	0.02	..	..	..	0.01	0.02	0.03
89.	Appointment of Agency Agriculture Officer, Vizag with necessary staff .. ..	..	0.60	..	..	..	0.31	0.37	0.68
<i>Welfare of Chenchus :</i>		3.46								
40.	School and Hospital for Chenchus at Dornal at Kurnool Dist.	..	0.62	0.06	0.11	0.12	0.13	0.13	0.55	
41.	Opening of Mobile Medical Unit at Dornal for Chenchus.	..	1.08	..	0.19	0.51	0.13	0.15	0.98	
42.	Administration staff .. ..	..	0.54	..	0.07	0.24	0.12	0.19	0.62
<i>Cottage Industries :</i>		1.89								
43.	Schemes for Bamboo and Rattan Basket making centre at Paderu in Vizag. Dist.	..	0.19	..	0.01	0.06	0.06	0.06	0.19	
44.	Mat weaving with Kora and Thunga at Cherla in East Godavari Dist.	..	0.18	..	1.12	0.04	0.05	0.07	0.28	
45.	Tanning Demonstration Unit Kovvadi in Srikakulam District.	..	0.19	..	0.08	0.08	0.06	0.05	0.22	
46.	Extraction of Palmyrah fibre in Agency areas of East Godavri Dist.	..	0.05	..	..	0.01	0.01	0.02	0.04
<i>Animal Husbandry :</i>		3.42								
47.	Opening of touring billet in Srikakulam District	..	0.15	..	0.04	0.03	0.05	0.04	0.16	
48.	Live-stock Farm at Chintapalli.	..	7.00	0.94	1.09	1.18	1.87	1.95	7.03	
49.	Opening of two Minor Veterinary First-Aid Centres.	..	0.31	..	0.02	0.13	0.15	0.18	0.48	
50.	Opening of Veterinary First-Aid centres.	..	0.22	..	..	0.01	0.06	0.17	0.24

XXII
SCHEDULED TRIBES

(Rupees in lakhs)

Item	Unit	Physical Targets and Achievements						Total Achievement during 1956-61.
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Demonstration Unit opened	No.	8	..	..	1	7	..	8
	Staff Scheme.							
	Staff Scheme.	..	..	..	..
School opened	No.	1	1	..	..	..	..	1
Hostels opened	"	1	1	..	..	..	..	1
Mobile Medical unit opened	"	1	..	1	..	..	..	1
	Staff Scheme.							
Trials trained	"	60	..	15	13	15	15	58
Trials trained	"	60	..	15	15	15	15	60
Trials trained	"	160	..	40	12	12	..	64
	No Specific Targets.							
Opening of Billet	"	1	..	1	..	..	..	1
Veterinary Dispensaries opened	"	..	..	2	..	..	..	2
Dispensaries opened	"	2	..	2	..	..	..	2
Veterinary First-Aid Centres started	"	5	..	..	2	..	..	2

Sri. No.	Name of the Scheme	Financial Targets and Achievements							
		Second Plan Provision		Expenditure incurred in					Total Expenditure.
		Original Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
51.	Distribution of Cattle breeding bulls and payment of bonus.	..	0.24	..	0.04	0.07	0.07	0.07	0.23
52.	Distribution of female stock and payment of bonus to Koyas in East Godavari Dist.	..	0.10	..	..	..	0.04	..	0.04
53.	Distribution of Sheep	..	0.09	..	0.02	0.02	0.03	0.02	0.09
54.	Distribution of poultry.	..	0.10	..	0.02	0.01	0.03	0.02	0.08
55.	Supply of Poultry Houses and other appliances.	..	0.05	..	0.02	..	..	..	0.02
56.	Starting of hatches and Opening of one Poultry unit.	..	0.09	..	..	0.06	0.02	0.02	0.10
57.	Additional staff in the Office of District Veterinary Officer, Kakinada.	..	0.05	..	..	..	..	0.02	0.02
	<i>Communications.</i>		38.46						
58.	Formation of unformed portions and improvements to the existing road from Paderu to Tejangi (via) G. Madugolu Paderu to Lothugedda metalling.	..	9.28	0.36	0.71	0.48	3.73	7.82	13.10
59.	Forming of a fair-weather road from Paderu to Sujanakota in Visakhapatnam District.	..	10.70	2.19	2.54	3.47	1.47	0.75	10.42
60.	Forming of a fair-weather road from Paderu to Orissa boarder (via) Hukumpeta and Kinchumanda.	..	11.01	2.15	2.48	3.74	2.27	1.56	12.20
61.	Forming of a road from Sujankota to Duduma.	..	8.08	..	0.58	3.50	2.81	3.45	10.34

XXXII
SCHEDULED TRIBES

(Rupees in lakhs)

Item	Unit	Physical Targets and Achievements							Total Achieve- ment during 1956-61.
		Target for 2nd plan period (Revised)	Achievements during						
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Bulls supplied	No.	17	..	4	5	5	..	14	
Female stock distributed .. ..	..	15	..	..	5	5	..	10
Sheep Distributed .. ..	..	100	..	25	25	25	25	100
Poultry Distributed .. ..	..	820	..	160	160	240	494	1,045
Poultry Houses Supplied .. ..	..	5	..	2	..	..	2	5
Poultry units opened .. ..	..	1	..	..	..	1	..	1
Staff Scheme.									
Formation of roads	M-F.	9-4	Not available.						
Formation of roads	M-F.	9-0	Not available.						
Do.	7-0	Not available.						
Do.	0-4	Not available.						

Srl. No.	Name of the Scheme.	Financial Targets and Achievements.							Total Expen- diture.
		Second plan provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
62.	Forming a road from Pedavalsa to Katragedda.	..	12.14	0.45	0.80	1.58	11.3	9.79	23.95
63.	Forming a road from Kurupam to Mulagedu.	..	2.48	..	0.44	0.23	0.53	1.45	2.65
64.	Forming of road from Seethampalli to Addateegala and thence to Cheruvukommupalem.	..	1.30	..	0.24	0.91	0.36	0.42	1.93
65.	Forming of a road from Dharakonda to Gudem (via) Lankapakola.	..	16.12	1.13	2.60	10.05	..	..	18.78
66.	Forming of a Minamalur Ghat Road.	..	3.35	2.55	0.80	..	..	..	3.35
67.	Investigation for construction of a bridge on Sabari river in M/34/245 R. C. Varam to Bhadrachalam road.	..	0.01	..	..	..	..	..	..
68.	Construction of 90 bridges across the river Yeleru at M/15-5 at Addatigala-Seethampeta road.	..	0.05	..	..	..	..	..	..
69.	Construction of 17 Bridges and culverts on Addatigala to Sithampeta Road.	..	0.20	..	..	..	..	..	..
70.	Forming a road from Bhadrachalam to Ramachodavaram (via) Maredumilli to Chintur.	..	7.48	0.78	1.47	3.28	1.56	0.51	7.64
71.	Forming a road from .. Gangavaram to join M. D. R. No. 6 (via) Nellipudi.	..	0.19	..	..	..	..	0.15	0.15
72.	Forming a road from Addateegala to Ramavaram.	..	4.29	1.53	1.11	0.74	0.94	0.19	4.51

XXXII
SCHEDULED TBIBES

(Rupees in lakhs)

Item	Unit	Target for 2nd plan period (Revised)	Physical Targets and Achievements					Total Achieve- ment during 1956-61.
			Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Formation of road	M-F	3-4	Not available.					
„ ..	„	1-4	Not available.					
Bridge work	No	1	Not available.					
Do. ..	„	0-4	Not available.					
Bridge work	No.	1	Not available.					
			Not Implemented.					
			Not Implemented.					
			Not Implemented.					
Formation of road	.. M-F	5-0				N.A.		
Do.	.. „	..	..	..	..	„	..	..
Do.	.. „	..	..	..	..	„	..	..

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
73.	Forming a road from M/20/0 Rajahmundry, Maredumilli road to 20/0 of Samalkota to Gokavaram road.	..	0.77	..	..	0.02	..	0.25	0.27
74.	Construction of 107 cross drainage works on road from Rampachodavaram to Bhadrachalam.	..	1.50	..	..	..	..	0.66	0.66
75.	Construction of cross drainage on the road from Addatigala to Ramavaram (905 D. Work).	..	1.34	..	..	..	1.82	..	1.82
76.	Construction of cross drainage works on the road from Gangavaram to join M. D. R. No. 6 (via) Nellupudi.	..	0.24	..	..	..	..	0.22	0.22
77.	Forming and metalling the road from Kunavaram to Chintur.	..	1.50	..	..	..	..	1.54	1.54
78.	Forming a road from Maredimilli to Chintur.	..	2.85	..	..	..	..	8.49	8.49
	<i>Village Roads :</i>		0.95							
79.	Formation of Small village road and petty repairs to existing roads in Agency areas	..	1.07	..	0.27	0.19	0.26	0.36	1.09	
80.	Forming a road from Kunavaram to Pochavaram (via) Eperu.	..	1.04	..	0.21	..	0.40	0.09	0.70	
81.	Aid to Voluntary Agencies.	1.90	1.90	..	..	0.45	0.56	0.28	1.29
	<i>Colonisation Schemes :</i>		12.27							
82.	Tajangi land colonisation scheme.		4.64	..	0.95	1.05	1.16	0.37	3.57	

SCHEDULED TRIBES.

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61.
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Formation of Road	..	M-F	..	..	..	Not Available	..	..
Do.	..	"	..			"		
Do.	..	"	..			"		
Do.	..	"	..			"		
Do.	..	"	..			"		
Do.	..	"	..			"		
Do.						No specific Targets.		
						"		
						"		

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
83.	Mampakinchavanipalem land colonisation scheme.	..	1.08	..	..	0.02	0.08	0.13	0.23
84.	Gujjumamidivalasa land colonisation scheme.	..	2.15	..	..	0.10	0.40	0.98	1.48
85.	L. C. Schemes in East and West Godavari Districts.	..	1.61	..	0.82	0.28	0.13	0.40	1.63
86.	L. C. Scheme for Yercukulas, Yanadis and Sugalis.	..	4.00	..	..	..	1.74	1.80	3.54
	<i>Development of Araku valey:</i>		4.75						
87.	Construction of quarters for staff and protected water supply to township.	..	3.60	..	0.80	1.11	1.06	0.89	3.86
	<i>Fisheries:</i>		0.17						
88.	Development of Fisheries in the Agency areas and Distribution of Fingerlings to Tribals.	..	0.23	..	0.03	0.03	0.07	0.08	0.21
	<i>Corporation:</i>		9.50						
89.	Finance and Development Corporation ..	..	8.97	..	0.97	2.52	4.23	4.14	11.86
	<i>Major Irrigation:</i>		7.91						
90.	Reservoir across Tajangigadda ..	..	0.03	..	..	..	..	..	..
91.	Restoration of Votikunta Tank ..	..	2.88	..	..	..	0.36	..	0.36
92.	Construction of Anicut across Utlakaluva ..	..	0.03	..	..	..	..	0.05	0.05
93.	Repairs to Paneru tank in Bhadrachalam taluk ..	..	0.12	..	..	..	..	..	..

Item	Physical Targets and Achievements							
	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61,
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

No specific targets

"

"

"

"

"

"

Not implemented.

Improvements.

No specific targets.

Not implemented.

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure,	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
94.	Improvements and repairs to Kondapalli Tank.	..	0.08	..	..	..	..	..	..	..
95.	Restoration of Kolivawara Tank.	..	0.06	..	..	..	..	..	..	..
96.	Anicut across Tajangigadda.	..	0.76	..	..	..	..	..	..	..
97.	Formation of an irrigation tank at M/4 Bridle path near Nandiguda Village ..	..	0.14	..	..	0.16	0.32	0.03	0.51	..
97-A.	Restoration of Chinamidiseleru tank.	..	0.02	..	..	..	..	..	..	..
98.	Formation of Irrigation tank at M-1/1 to M. 2/2 bridle path near Maduguda village.	..	0.27	..	..	..	..	..	..	..
99.	Construction of anicut across Pullangivagu.	..	0.02	..	..	..	..	..	..	..
	<i>Minor Irrigation :</i>	3.80								
100.	Repairs to minor irrigation tank in agency areas.	..	1.96	..	0.26	0.53	0.23	0.58	1.60	..
	<i>Radios :</i>	0.52								
101.	Installation of Radio sets in Agency areas.	..	0.47	..	0.06	0.08	0.14	0.11	0.39	..
	<i>Research Institute :</i>	1.90								
102.	Tribal Cultural Research Institute.	..	1.05	..	..	..	0.06	0.28	0.84	..
	<i>Soil conservation</i>	4.75								
103.	Soil conservation	..	2.30	..	..	..	..	0.06	0.06	..
	<i>Co-operation :</i>	2.78								
104.	Development of Atmakur Co-operative Society for Chenchus	..	0.59	0.04	0.07	0.10	0.17	0.07	0.45	..
105.	Formation of purchase of Sale Co-operative Society at Dornal for Chenchus	..	0.62	0.69	0.03	0.18	0.09	0.04	0.43	..

XXXII
SCHEDULED TRIBES

Item	Unit	Physical Targets and Achievements						Total Achievement during 1956-61.
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
			Not implemented.					
			Not implemented.					
			Do.					
area brought under irrigation	.. acres	45	..	..	..	..	..	..
			Not implemented.					
			Do.					
			Do.					
repairs to minor irrigation tanks	.. No.	26	..	4	..	..	..	4
radio sets installed	.. No.	415	..	29	29	29	28	115
research Institute	.. No.	1	..	..	..	..	..	..
supply of domestic requirements.	Rs. (in lakhs)	2.48	..	0.40	0.20	0.40	0.14	1.14
purchase of forest produce.	..	..	..	0.11	0.08	0.11	0.15	0.45
supply of domestic requirements	..	1.00	..	0.17	0.02	0.20	0.63	1.02
purchase of forest produce	..	0.42	..	0.05	..	0.08	0.27	0.40

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure.
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
106.	Development of Kotaramachandrapuram Co-operative Marketing Societies ..	..	0.42	..	0.01	0.26	0.12	..	0.99
107.	Development of Anantagiri Agency Co-operative Society ..	..	0.26	..	..	..	0.14	0.04	0.18
108.	Administration staff in office of the Registrar of Co-operative Societies ..	..	0.25	..	0.02	0.06	0.07	0.08	0.23
109.	Development of Addatigala Co-operative Stores, Kakinada ..	..	0.15	..	..	..	0.18	0.01	0.19
	<i>Women Welfare :</i>		5.09						
110.	Opening of Women Welfare branches in Agency arcas ..	..	1.80	..	0.40	0.12	0.32	0.43	1.27
111.	Refresher course to Field staff ..	..	0.06	..	..	0.02	0.02	0.02	0.06
112.	Opening of Women Welfare Centre for Chenchus in Kurnool District ..	..	0.30	..	..	0.08	0.09	0.10	0.27
113.	Social Assistance to sick and infirm ..	..	0.30	..	..	0.10	0.10	0.07	0.27
114.	Additional staff in the office of the Women's Welfare ..	..	0.80	..	0.01	0.21	0.36	0.41	0.99
	<i>Medical:</i>		7.14						
115.	Visit by Medical Officer in Visakhapatnam and Srikakulam districts ..	..	0.09	..	0.01	0.02	0.05	0.03	0.11
116.	Improvement to Government Dispensaries at Jeelugimalli.	..	0.49	0.07	..	0.21	0.17	0.04	0.41

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
117.	Conversion of Dispensary at Chintapalli into 12 beded Hospital.	..	0.67	..	0.12	0.17	0.02	0.12	0.48
118.	Opening of Govt. Dispensary with emergency ward at G. Madugola.	..	0.82	..	0.08	0.07	0.16	..	0.81
119.	Mobile Medical Unit at Polavaram.	..	0.46	..	..	0.25	0.12	0.17	0.54
120.	Improvement to Govt. Hospital at Polavaram.	..	0.46	..	0.16	0.22	0.02	0.05	0.45
121.	Improvements to Dispensary at Cherla and Hospital at Visakha patnam.	..	0.14	..	0.05	..	0.02	0.09	0.16
122.	Opening of Dispensary at Thonam.	..	0.85	..	..	0.01	0.08	0.08	0.12
123.	Conversion of Dispensary at K.D. Peta into 12 beded hospital for Women and Children and construction of quarters for staff.	..	0.24	..	..	..	0.14	..	0.14
124.	Mobile Medical Unit at Seethampeta.	..	0.48	..	..	0.28	0.08	0.06	0.87
125.	Construction of buildings for dispensaries and quarters for staff at Seethampeta.	..	0.32	..	..	0.06	0.08	0.07	0.21
126.	Improvements to Governments Hospitals at Bhadrachalam and quarters for staff and electrification of buildings.	..	0.81	..	..	..	0.02	0.18	0.20
127.	Opening of Hospital at Bhadraviri.	..	0.40	..	..	..	0.34	0.01	0.35

Item	Unit	Target for 2nd plan period (Revised)	Physical Targets and Achievements					Total Achieve- ment during 1956-61
			Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(18)	(14)	(15)	(16)	(17)	(18)	(19)
No specific target.								
Opening of Dispensary	.. No.	1	..	..	..	1	..	
Mobile Medical unit opened	.. No.	1	..	..	1	..	..	1
No specific targets.								
Dispensaries opened	.. No.	1	..	..	..	..	1	1
No specific targets.								
Mobile Medical Unit opened	.. No.	1	..	..	1	..	..	1
No specific targets.								
No specific targets.								
Hospital opened	.. No.	1	..	..	..	1	..	1

Financial Targets and Achievements

Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expenditure
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	<i>Public Health</i>	28.63							
128.	Antimalarial operation in agency areas.	..	19.21	..	5.26	7.44	3.65	3.97	20.32
129.	Maternity and Child Welfare Centres in the Agency Areas.	..	2.68	..	0.49	0.65	0.58	0.51	2.23
130.	Antiyas campaign in Srikakulam District.	..	1.29	0.81	0.48	..	..	..	1.29
	<i>Rural Water Supply.</i>	6.27							
181.	Digging of drinking water wells in Agency areas.	..	7.07	1.52	1.24	1.74	1.22	1.56	7.28
182.	Opening of Govt. Dispensaries as with emergency ward at Sujanakota.	..	0.26	..	..	..	0.02	..	0.02
133.	Opening of Mobile Medical Unit at Naguru in East Godavari District.	..	0.28	..	..	..	0.03	..	0.03
134.	Increase of the strength of Boarders from 50 to 80 in the Govt. boys home at Poderu.	..	0.06	..	..	..	..	0.03	0.03
185.	Scheme for the distribution of Sweet Potatoes.	..	..	..	..	..	..	0.02	0.02
186.	Scheme for starting 6 training camps	..	..	..	..	..	..	0.01	0.01
137.	Maintenance of two Ashram Schools at Kolliguda and Hukumpeta in Visakhapatnam District.	..	0.20	..	..	..	..	..	..
138.	Sanction of staff for the range Officers at Polavaram and Bhadrachelem and Prathipuram.	..	0.03	..	..	..	..	..	..
139.	Upgrading of Govt. Elementary Schools at Lammasingi and Kovvuru in to Higher Elementary Schools.	..	0.02	..	..	..	..	..	..

XXXII
SCHEDULED TRIBES

(Rs. in lakhs)

Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Centres opened ..	.. No.	10	..	2	..	..	..	2
Centres opened ..	.. No.	6	..	2	3	..	1	6
No specific targets.								
Wells sunk ..	.. No.	150	10	21	30	25	30	116
Opening of Government Dis- pensary ..	.. No.	1	..	..	..	1	..	1
Mobile Medical Unit opened .	No.	1	..	..	..	..	1	1
Increase in the strenght of Boarders	No.	30	..	..	..	..	30	30
No specific targets.								
Training Camps Started	.. No.	6	..	..	..	..	6	6
Not Implemented								
Not Implemented.								
Not Implemented.								

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
140.	Construction of building to the Tribal Hostel at Paderu		0.15	..	..	..	..	..	..	..
141	Reclamation of land of Agricultural Association, Sarabhannapalem in Gudem taluk, Visakhapatnam district. ..		0.06	..	..	..	..	..	..	..
142.	Development of Gudem, Agency Co-operative Society. .. ..		..	..	..	..	..	..	..	..
143.	Anti-larvel measures for Chenchus in Kurnool District		0.26	..	..	..	..	..	..	..
144.	Control of Small-Pox in Araku, Pederu and Chintapalli		0.80	..	..	..	..	..	..	..
145	Staff in the office of the Director of Tribal Welfare and a section in the Secretariat		8.48	..	..	..	..	..	..	..
146.	Miscellaneous		2.48	..	..	0.04	..	..	..	0.04
	Total for Andhra ..	181.25	218.61	14.90	32.64	55.17	56.78	65.99	225.48	
TELANGANA.										
	<i>Education:</i>		4.87							
1.	Award of Scholarships		2.63	0.86	0.52	0.50	0.55	0.70	2.63	
2.	Hostels		1.08	0.12	0.11	0.26	0.40	0.27	1.16	
3.	Schools		0.92	0.02	0.05	0.18	0.20	0.39	0.79	
4.	Aid to private hostels		0.08	..	..	0.01	0.01	0.01	0.08	
	<i>Agriculture:</i>		1.85							
5.	Demonstration farm		0.53	0.05	0.01	0.12	0.11	0.15	0.44	
6.	Supply of plough bullocks		4.45	0.18	0.34	0.92	0.79	3.58	5.80	
7.	Supply of seeds and implements		0.59	0.02	0.06	0.07	0.08	0.34	0.57	

XXXII
SCHEDULED TRIBES.

Item	Physical Targets and Achievements							
	Unit	Target for 2nd Plan Period (Revised)	Achievements during					Total Achieve- ment during 1956-61
			1956-57.	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(18)	(14)	(15)	(16)	(17)	(18)	(19)

Not implemented.

Not Implemented.

Not implemented.

Not available

Not Implemented.

Do.

Scholarships awarded	.. No.	12,775	2,827	2,345	2,075	2,465	N.A.	9,212
Hostels opened ..	.. "	8	1	2	..	..	..	3
Shools opened ..	.. "	18	8	5	6	5	5	24
		No specific Targets.						
Shrams opened ..	.. "	2	1	1	..	..	..	2
Yough bullocks supplied	.. Pairs.	625	160	114	232	186	84	726
Families benefitted	.. No.	500	70	120	100	100	110	500

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<i>Cottage Industries:</i>		8.90							
8.	Handicraft centre ..		0.81	0.01	0.04	0.12	0.21	0.28	0.66
9.	Sericulture ..		0.81	..	0.10	0.08	0.13	0.07	0.88
10.	Training-cum-production centre		1.84	0.18	0.07	0.35	0.40	0.38	1.47
<i>Miscellaneous:</i>		4.81							
11.	Co-operative Societies ..		0.39	0.00	0.10	0.09	0.08	0.08	0.41
12.	Forest Co-operative Societies		1.02	0.15	0.15	..	0.42	0.14	0.86
13.	Supply of sheep and she-buffaloes ..		0.60	..	0.01	..	0.19	0.53	0.73
14.	Roads		4.91	0.00	0.09	0.16	0.25	0.07	0.68
15.	Aid to Voluntary agencies		0.10	..	..	..	..	..	..
<i>Health, Housing etc:</i>		4.83							
16.	Sinking of wells ..		1.39	0.12	0.12	0.26	0.44	0.48	1.42
17.	Colonisation ..		5.31	0.21	0.05	1.40	1.00	4.16	6.82
18.	Cultural activities ..		0.10	0.01	0.02	0.03	0.03	0.06	0.15
19.	Women Welfare centres		0.55	..	..	0.14	0.09	0.13	0.88
20.	Administration ..		0.87	..	..	0.18	0.19	0.00	0.48
21.	Maintenance of Ashram School at Salivada ..		0.07	..	..	..	0.08	0.05	0.08
Total for Telangana:		19.20	28.55	1.55	1.84	4.81	5.69	11.93	25.82
Total for Andhra Pradesh:		200.51	247.16	16.45	34.48	59.98	62.42	77.92	251.36

XXXII
SCHEDULED TRIBES

Item	Unit	Physical Targets and Achievements							Total Achieve- ment during 1956-61
		Target for 2nd plan period (Revised)	Achievements during						
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Centres opened ..	.. No.	16	1	2	3	5	4	15
Farms opened ..	.. „	1	..	1	..	..	..	1
Centres opened ..	.. „	3	1	2	..	..	..	3
Stores started ..	.. „	4	3	1	..	..	..	4
Societies opened ..	.. „	5	1	2	..	2	..	5
Sheep and she-buffaloes supplied ..	..	not fixed.				184		184
					No Specific Targets.				
					Not Implemented.				
Wells dug ..	.. „	110	11	11	3	58	26	109
Wells repaired ..	.. „	101	13	20	16	200	27	276
Colonies opened ..	.. „	16	1	3	1	5	6	16
programmes celebrated ..	.. „	25	4	5	3	5	..	17
Centres started ..	.. „	2	..	..	2	..	..	2
					Staff Scheme				

XXXV.

OF CAPITAL.

(Rs. in lakhs.)

Item	Unit	Physical Targets and Achievements						Total Achievement during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

Addl. Floor	..	No.	1	1	1
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No specific Targets

Do.

Do.

Do.

Quarters constructed	..	No.	100	..	100	100
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Quarters constructed	174	..	92	39	1	..	182
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Guest House constructed	1	1	..	1
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Quarters constructed	..	No.	1,000	..	292	708	1,000
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Quarters constructed	..	No.	159	50	85	16	151
----------------------	----	-----	-----	----	----	----	----	----	-----

No specific Targets

No specific Targets

STATEMENT
DEVELOPMENT

		Financial Targets and Achievements								Total Expen- diture	
Sr No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in							
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		
12.	Air conditioning the Upper House	..	..	1.84	..	..	0.01	0.68	..	0.6)
13.	Construction of staff quarters at Malakpet	}	}	7.95	..	..	1.60	..	5.85	7.45
	(a) acquisition of land Rs. 1.60 lakhs										
	(b) Construction of 69 staff quarters at Malakpet										
14.	Construction of perma- nent Secretariat buil- ding at State Capital	..	..	20.00	..	..	..	..	..	..
15.	Other Schemes	..	..	4.09	..	..	..	..	..	..
	Total	152.00	194.92	16.82	81.50	40.46	20.20	14.78	178.80

XXXV
OF CAPITAL

(Rs. in lakhs.)

Item	Physical Targets and Achievements							
	Unit Target for 2nd plan period (Revised)	Achievements during					Total Achieve- ment during 1956-61	
		1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

No. specific Targets

Quarters Constructed	No.	69	69	69
----------------------	-----	----	----	----	----	----	----	----

Not implemented

GAO

CHAPTER XXXIII.

WOMEN WELFARE.

A sum of Rs. 24.26 lakhs was allotted in the plan for 1956-61 for expenditure on Women Welfare Programmes. This provision was subsequently reduced to Rs. 12.78 lakhs on the basis of the final requirements. Against this provision, a sum of Rs. 8.94 lakhs—Rs. 7.08 lakhs in Andhra region and Rs. 1.86 lakhs in the Telangana region—was spent till the end of March 1961. The important physical achievements during the period consisted of opening of 4 Service Homes, 10 Women Welfare Branches, 8 Training Centres and improvements to 35 existing Women Welfare Branches. An account of the progress made in respect of each of the schemes implemented during 1956-61 is given below. Schemewise details of financial and physical targets and achievements are furnished in the statement XXXIII appended.

ANDHRA.

Opening of Service Homes.

Under this scheme, it was proposed to open 3 Service Homes and admit 350 women and 120 children during the plan period. Relief and protection will be given to widows, destitute women, deserted wives and poor women in distress, in these Service Homes. During their stay in the Homes the inmates will be given general education up to S.S.L.C. besides affording institutional protection. As per the programme 3 Service Homes were opened at Hyderabad (1957-58), Anantapur (1958-59) and Kannapuram, West Godavari district in (1959-60). One more Service Home was started at Allagadda during 1958-5) to be managed by the Local Mahila Mandali. In addition 30 inmates were provided with a consolidated grant of Rs. 45 per month. A sum of Rs. 3.20 lakhs was spent on this scheme during the Second Plan period.

Training of Field Staff.

The main object of this scheme is to train the field staff of the Women Welfare Department in modern technical methods of social work. The scheme also

includes refresher courses for the trained personnel. It was started at Hyderabad in 1958-59 and 3 sessions were conducted during the plan period and 76 candidates received training. A sum of Rs. 0.88 lakh was spent on this scheme during the Plan period.

Vocational Training Centres.

To meet the needs of educated unemployed girls of low income groups, 4 Vocational Training Centres were started in 1958-59 at Srikakulam, Eluru, Ananthapur and Cuddapah. Another Centre was started at Kurnool in 1960-61. Training was given in various technical courses such as Shorthand, Book-keeping, Accountancy and Secretarial courses, etc., 20 trainees were given residential scholarships of Rs. 30 per month each. A sum of Rs. 1.16 lakhs was spent on this scheme during the plan period.

Expansion of Administration.

In order to successfully implement the schemes formulated for the Welfare of Women, additional staff was appointed in 1958-59 incurring an expenditure of Rs. 0.94 lakh during the Plan period.

Rehabilitation Programme.

This is a follow-up Service Home scheme and covers the entire State. The object is to help and rehabilitate some of the women discharged from the Service Homes by giving them a small capital in order to enable them to make out their livelihood. 109 inmates of the Service Homes were rehabilitated by absorbing them in such vocations as Nursing, Gram Sevika Training, Auxilliary Nurse, Mid-wives Training, Secondary Grade Training, Higher Grade Training, etc., while some other women had appeared for various examinations. A sum of Rs. 0.12 lakh was spent on this scheme during the period.

Improvement to existing branches.

To intensify the activities of the branches of the department and to make them more purposeful 35 branches were supplied with equipment and key material worth Rs. 0.51 lakh during the plan period.

TELENGANA.

Opening of Women Welfare Branches and Creches.

With a view to extending the activities of the Department to Telengana Region 10 Women Welfare Branches and one creche in Mahbubnagar district were opened. A sum of Rs. 0.77 lakh was spent on this scheme during the plan period.

Expansion of Administration.

Consequent on the transfer of the Control of Mukhya Sevikas to the Women Welfare Department and the opening of New Women's Welfare Branches. Assistant Women Welfare Officer was appointed in each of the 9 district of Telengana Region in 1959-60. A sum of Rs. 0.94 lakh was spent on this scheme during the Plan period.

Vocational Training Centres.

As in Andhra Region 3 Vocational Training Centres were opened at Hyderabad, Warangal and Nizamabad in 1960-61 and an expenditure of Rs. 0.15 lakh was incurred.

Srl. No.	Name of the Scheme	Financial Targets and Achievements								Total Expenditure
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA.										
1.	2 Service Homes	..	13.65	..	..	0.02	0.86	1.11	1.07	2.56
2.	Training for Field Staff	..	1.14	..	..	..	0.25	0.33	0.80	0.88
3.	4 Vocational Training Centres.	..	5.12	12.78	..	..	0.20	0.52	0.48	1.15
4.	Hostel facilities to Vocational Training Centres.	..	..	..	..	..	..	..	0.07	0.07
5.	Vocational Training Centre, Kurnool.	..	..	..	..	..	..	..	0.01	0.01
6.	Expansion of Administration.	..	1.68	..	..	..	0.28	0.35	0.31	0.94
7.	Rehabilitation Programme	..	1.13	..	..	..	..	0.02	0.10	0.12
8.	Improvement of Existing Branches.	..	1.54	..	..	..	0.24	0.09	0.18	0.51
9.	Andhra Saranalayam, Allagadda.	..	..	..	..	..	0.09	0.11	0.13	0.33
10.	Service Home, Kannapuram.	..	..	..	..	..	..	..	0.51	0.51
	Total for Andhra	..	24.26	12.78	..	0.02	1.42	2.53	3.11	7.08
TELANGANA.										
1.	Expansion of Administration.	..	..	..	..	..	..	0.34	0.60	0.94
2.	Women Welfare Branches and Creches.	..	..	..	..	..	..	0.37	0.40	0.77
3.	Vocational Training Centres. Hyderabad, Nizamabad and Warangal.	..	..	..	..	..	..	..	0.15	0.15
	Total Telangana	..	..	..	..	..	..	0.71	1.15	1.86
	Total for Andhra Pradesh.	..	24.26	12.78	..	0.02	1.42	3.24	4.26	8.94

Item	Unit	Physical Targets and Achievements						Total Achieve- ment during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-69	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
(a) Service Homes opened	No.	2	..	1	1	Contd.	Contd.	2
(b) Inmates:								
(i) Women ..	.. "	800	..	..	28	152	188	318
(ii) Children	.. "	120	..	..	9	20	47	76
Field workers trained	.. "	44	..	..	21	26	29	76
(a) Training centres opened	.. "	4	..	..	4	..	..	4
(b) Candidates trained	.. "	360	..	..	28	85	83	196
Hostels opened ..	.. "	3	..	..	..	..	3	3
(a) Training centres opened	.. "	1	..	..	..	..	1	1
(b) Candidates trained	.. "	80	..	..	..	..	4	4
—Staff scheme—								
Women benefitted	.. "	150	..	..	6	53	50	109
Branches improved	.. "	86	..	..	12	12	11	35
Admission of Inmates	.. "	30	..	..	20	20	20	60
(a) Service Home opened	.. "	1	..	..	..	1	Contd.	1
(b) Women benefitted	.. "	50	..	..	..	8	24	32
—Staff scheme—								
(a) Women Welfare Branches opened	.. "	10	..	..	..	9	1	10
(b) Creches opened	.. "	1	..	..	..	1	..	1
Training Centres opened	.. "	3	..	..	..	..	3	3

CHAPTER XXXIV.

Social Welfare.

A sum of Rs. 57.76 lakhs was originally provided in the plan for 1956-61 for expenditure on "Social Welfare Extension Projects and Social and Moral Hygiene and after care Programmes". But, during the course of the period under review this provision was reduced to Rs. 31.09 lakhs. On the other hand new schemes costing Rs.6.21 lakhs were included in the plan. Thus, during the period 1956-61, 12 schemes costing Rs. 37.20 lakhs were implemented. On these schemes, a sum of Rs. 24.52 lakhs was spent. Out of this, the expenditure incurred in the Andhra Region amounted to Rs. 14.24 lakhs while that incurred in the Telangana Region amounted to Rs. 10.28 lakhs. The important physical achievements during this period consisted of establishment of 5 State Homes, 21 Welfare Extension Projects, 10 District Shelters, 2 certified schools and one Remand Home for girls. An account of the progress made in respect of each of the schemes implemented during this period is given below. Schemewise details of financial and physical targets and achievements are furnished in the Statement XXXIV appended.

Social Welfare Extension Projects.

In pursuance of the decision to open 4 Welfare Extension Projects in each district of Andhra Pradesh by the end of the Second Plan period, 43 Projects (32 in Andhra and 11 in Telangana) were opened by the end of 31st March 1960 (of which 22 relate to the First Plan period). Out of the 43 opened, 34 were the old pattern projects and the remaining 9 were of the co-ordinated pattern opened in the Stage I Blocks.

Two-thirds of the expenditure for running the Welfare Extension Projects of the old pattern projects was met by the Central Social Welfare Board and the remaining one-third by the State Government. The expenditure on co-ordinated type of the projects was borne by the Central Social Welfare Board, State Government and the Block in the ratio of 12 : 6 : 5

The Welfare Extension Projects of the Co-ordinated pattern were closed during 1960 because of the disagreement between the Central Social Welfare Board and the State Government as regards the status of the projects Implementing Committee in the Panchayat Samithi set-up.

The 34 Welfare Extension Projects of the old pattern were closed by 31st March 1961 as they have run their full period. The projects consisted of 166 Centres. 63 Voluntary Institutions have come forward to take over 120 Centres and run them during the Third Plan period with the help of a grant from Central Social Welfare Board.

During the Plan period an expenditure of Rs. 9.14 lakhs was incurred on this scheme against the revised Second Plan provision of Rs. 18.52 lakhs.

Social and Moral Hygiene Programme.

With a view to tackling the problems relating to Social and Moral Hygiene and after care services in a systematic and scientific way for the eradication of social evils, a sum of Rs. 20.39 lakhs was originally provided in the plan for 1956-61. Under this programme, it was proposed to establish 5 State Homes—3 for women and 2 for men—and 20 District Shelters—14 for women and 6 for men, during the Second Plan period. The State Homes are intended for the after care of persons, men and women, discharged from correctional institutions like jails, reformatives, etc., while District Shelters are intended for housing these persons for a temporary period before they are transferred to one of the State Homes. During the course of the plan, the target for the establishment of 14 District Shelters for women was reduced to 4 and accordingly the provision was also reduced to Rs. 12.57 lakhs. Against this, a sum of Rs. 9.35 lakhs was spent till the end of March 1961. As programmed 5 State Homes—four after care homes at Guntur, Warangal, Rajahmundry and Kurnool and one Rescue Home at Hyderabad—and 10 District Shelters were opened. In these homes, a number of production centres with training facilities were established with a view to secure the vocational rehabilitation of the inmates and to facilitate their smooth adjustment in society.

ANDHRA.

Opening of Borstal School, Visakhapatnam.

Under the scheme a Borstal School was opened at Visakhapatnam on 1st April 1960 and the Andhra inmates who were detained in the Borstal School, Bellary in Mysore State, were transferred and accommodated in the institution. A sum of 2.45 lakhs was spent during the year 1959-60 and 1960-61 and 74 inmates were accommodated in the school as against the plan target of 150 inmates.

The Regional Inspectors and their establishment.

For effective implementation of probation of offenders Act and intensive inspection and supervision of probation work, two Regional Inspectors were appointed in Andhra during 1960-61. An expenditure of Rs. 0.09 lakh was incurred.

TELANGANA.

Junior Certified School, Hyderabad.

A provision of Rs. 3.10 lakhs was made in the revised Second Plan of the State for the establishment of a Junior Certified School at Hyderabad for detention of Juvenile offenders. A sum of Rs. 0.29 lakh was spent on the scheme during the year 1959-60 while the expenditure in 1960-61 amounted to Rs. 2.67 lakhs. As against the plan target of 550 inmates to be detained in this school as many as 691 inmates were accommodated in the institution by the end of the plan period.

Girls Certified School, Hyderabad.

A Certified School for Girls was also opened at Hyderabad on 2nd March 1960 for detaining young juvenile offenders and a sum of Rs. 0.22 lakh was spent on the scheme during the plan period. 17 inmates were detained in the institution by the end of the plan period as against the second plan target of 50.

Remand Home for Girls.

Under this scheme it was proposed to open a Remand Home for Girls at Hyderabad to detain the under-trial juvenile offenders under the Children Act. The Home

was actually opened on 2nd March 1960 and an expenditure of Rs. 0.08 lakh was incurred during the plan period. As against the plan target of 15 inmates to be detained in this institution, only 3 inmates were accommodated during the plan period.

Regional Inspectors Establishment.

Under this scheme, it was proposed to appoint one Regional Inspector in the Telangana region for effective implementation of the probation of Offenders Act. The post of one Regional Inspector of Probation was filled up on 19th January 1961 and an expenditure of Rs. 0.02 lakh was incurred.

Headquarters Establishment.

In order to cope up with the increased work load resulting from the implementation of several care programmes, it was proposed to strengthen the office of the Inspector-General of Prisons implementing the plan schemes and a provision of Rs. 0.17 lakh was made for this purpose in the plan for 1960-61. The entire provision was utilised during the year 1960-61 consequent on the appointment of additional staff.

Expansion of Probation System in Telangana region.

Under this scheme, it was proposed to extend the probation system to Telangana region and 13 posts of probation Officers were sanctioned in 1960-61 for this purpose. However, as the posts were filled up in March, 1961, only an expenditure of Rs. 0.04 lakh was incurred on the scheme during the Plan period.

Sr. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA.										
1.	Social Welfare Extension Projects.	23.77	18.55	0.73	1.27	1.34	1.72	1.80	6.86	
2.	Social and Moral Hygiene and after care programmes.	12.66	7.45	..	0.10	0.73	1.49	2.52	4.84	
3.	Care Programmes :									
	(i) Borstal School .. ..	..	2.46	..	..	..	1.75	0.70	2.45
	(ii) Appointment of Regional Inspectors. ..	..	0.09	..	..	..	..	0.09	0.09
	Total Andhra ..	36.43	23.55	0.73	1.37	2.07	4.96	5.11	14.24	
TELANGANA.										
1.	Social Welfare Extension Projects.	13.60	4.97	0.18	0.31	0.48	0.58	0.73	2.28	
2.	Social and Moral Hygiene and after care Programmes.	7.78	5.12	..	0.08	1.25	1.60	1.58	4.51	
3.	Care Programmes :									
	(i) Junior Certified School, Hyderabad. ..	..	8.10	..	..	..	0.29	2.67	2.96
	(ii) Girls' Certified School, Hyderabad. ..	..	0.25	..	..	..	0.03	0.19	0.22
	(iii) Remand Home for Girls, Hyderabad. ..	..	0.09	..	..	..	0.02	0.06	0.08
	(iv) Appointment of Regional Inspectors. ..	..	0.01	..	..	..	..	0.02	0.02
	(v) Headquarters establishment. ..	..	0.17	..	..	..	..	0.17	0.17
	(vi) Extension of Probation System in Telangana region. ..	..	0.04	..	..	..	..	0.04	0.04
	Total Telangana ..	21.33	13.75	0.18	0.39	1.73	2.52	5.46	10.28	
	Total Andhra Pradesh ..	57.76	37.30	0.91	1.76	3.80	7.48	10.57	24.52	

XXXIV.
WELFARE.

(Rupees in lakhs)

Item	Unit	Physical Targets and Achievements						Total Achievements during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Welfare Extension Projects started.	No.	58	7	..	3	6	..	16
(a) State Homes opened ..	No.	3	..	3	..	..	..	3
(b) District Shelters opened.	No.	7	..	2	3	2	..	7
(c) Production Units opened	No.	3	..	..	..	3	..	3
Retention of inmates ..	No.	150	..	..	..	..	74	74
Staff Scheme.								
Welfare Extension Projects Opened.	No.	35	..	2	2	1	..	5
(a) State Homes opened ..	No.	2	..	2	..	..	..	2
(b) District Shelters opened	No.	3	..	..	..	3	..	3
(c) Production-cum-Training Centres opened.	No.	3	..	..	..	3	..	3
Retention of juvenile offenders.	No.	550	..	..	..	598	691	691
Female offenders Detained ..	No.	50	..	..	..	1	17	17
Female juveniles Detained ..	No.	25	..	..	..	..	3	3
Staff Scheme.								
Do.								
Do.								

CHAPTER XXXV.

DEVELOPMENT OF CAPITAL

Consequent on the reorganisation of States and the formation of Andhra Pradesh with the capital at Hyderabad, the need arose for providing adequate accommodation for officers, office and staff at Headquarters. For this purpose, a sum of Rs. 152.00 lakhs was originally provided in the Second Plan. However during the course of the implementation of these schemes, the provisions in respect of some schemes was either enhanced or reduced on the basis of the factual requirements. Besides this, four new schemes costing Rs. 30.85 lakhs were included in the plan. As a result of these changes, the Second Plan provision of the various schemes under this development head amounted to Rs. 194.92 lakhs. However, the provision for the construction of Permanent Secretariat Building amounting to about Rs. 20.00 lakhs was deleted from the plan and treated under non-plan schemes. Thus, on the other schemes with a final provision of Rs. 174.92 lakhs a sum of Rs. 178.80 lakhs was spent during the plan period.

The main physical achievements during this period consisted of the construction of 1452 quarters for the N.G.O's., Junior Officers and M.L.A's., Additional floor over the existing Secretariat Building besides improvements and repairs to various other buildings.

An account of the progress made in respect of each of the schemes implemented during the Second Plan period, is given below :—

Construction of additional floor over the existing temporary Secretariat Building.

With a view to providing additional office accommodation to the Secretariat Departments which have expanded after the merger of Andhra and Telangana Secretariats, it was proposed to construct an additional floor over the existing Secretariat buildings at a cost of Rs. 4.66 lakhs (revised). As programmed, the additional floor has been constructed at a cost of Rs. 4.60 lakhs and

bulk of the work was completed during the year 1956-57 itself when an expenditure of Rs. 4.13 lakhs was incurred.

Improvements and Special Repairs to High Court.

To undertake special repairs and miscellaneous improvements to the High Court buildings, a sum of Rs. 1.18 lakhs (Revised) was provided in the plan. The entire provision was utilised during the period 1956-57 to 1958-59 and the programmed improvements and special repairs to High Court have been fully achieved.

Construction of Sheds at High Court.

A sum of Rs. 0.51 lakh was originally provided in the State's Second Plan for the construction of sheds at High Court. This provision was subsequently reduced to Rs. 0.49 lakh. The entire revised provision was spent in 1956-57 and as programmed the sheds were constructed.

Extension to the existing Legislative Assembly Buildings.

In the plan for 1956-61, an allotment of Rs. 1.14 lakhs (Revised) was made for expenditure on works relating to extensions to the existing Legislative Assembly buildings. Against this a sum of Rs. 1.17 lakhs was spent during the period under review for expenditure on the various extension works.

Improvements and Repairs to Private and Government buildings.

To house the officers of Heads of Departments and to provide suitable residential accommodation to Government Officials who could not be provided with Government residential quarters a sum of Rs. 3.10 lakhs was originally provided in the plan for 1956-61 for repairs and improvements to certain Government and Private buildings. This provision was subsequently reduced to Rs. 2.78 lakhs but a sum of Rs. 3.10 lakhs was spent for effecting repairs and improvements to various buildings.

Construction of 100 Junior Officers quarter's.

Under this scheme it was proposed to construct 100 junior officers quarters at an estimated cost of Rs. 17.80 lakhs. But the provision was enhanced to Rs. 18.81 lakhs and against this, a sum of Rs. 18.45 lakhs was expended till the end of March, 1961 and the targetted 100 Junior Officer's quarters were completed in 1957-58.

Additions and Improvements to Raj Bhavan.

A provision of Rs. 5.50 lakhs was made in the State's Second Plan for expenditure on the works relating to additions and improvements to Raj Bhavan, construction of Guest House and construction of first floor. But, during the course of their implementation the physical scope of the work was expansive and the provision was found to be inadequate and hence it was enhanced to Rs. 16.50 lakhs. Against this provision a sum of Rs. 15.36 lakhs was spent till the end of March, 1961 for the construction of 132 quarters for Raj Bhavan staff and for the construction of one guest house.

Construction of 1,000 staff quarters.

With a view to provide residential accommodation to the non-gazetted staff who were transferred to Hyderabad, it was proposed under this scheme to construct 1,000 staff quarters and for this purpose, an amount of Rs. 79.00 lakhs was allotted in the plan for 1956-61. During the course of operation, this provision was enhanced to Rs. 86.14 lakhs and against this, a sum of Rs. 88.00 lakhs was spent till the end of March 1961 and the targetted 1,000 staff quarters were completed. Of these, 292 were completed in 1957-58 and the remaining 708 in 1958-59.

Construction of M.L.A's. Quarters.

A sum of Rs. 24.38 lakhs was allotted in the plan for 1956-61 for the construction of 159 quarters for M.L.A's. This provision was subsequently reduced to Rs. 22.40 lakhs due to some reductions in proposals. Against this, a sum of Rs. 21.62 lakhs was spent. During this period, 52 family type quarters, one warden quarter, 12 servant quarters and 6 garages were constructed and the construction of 16 more family type quarters and 64 hostel type quarters were nearing completion.

Construction of Additional Buildings at High Court:—

A sum of Rs. 9.00 lakhs was provided in the plan for 1956-61 for the construction of additional office buildings in the High Court. This provision was subsequently revised to Rs. 9.97 lakhs and against this, there was an expenditure of Rs. 10.20 lakhs. During the period ended March, 1961, the construction of buildings were nearing completion.

Improvements and Air-Conditioning the Jubilee Hall for conversion as Upper House:—

This is one of the new schemes included in the plan for 1956-61. A sum of Rs. 2.90 lakhs was provided for this scheme for converting the Jubilee Hall into Upper House for the use of Legislative Council and for meeting the expenditure for air-conditioning this house. Against this provision a sum of Rs. 1.68 lakhs was spent till the end of March 1961. The Construction was completed and the sound reinforcement equipment work was in progress.

Construction of further staff quarters:—

As the 1,000 staff quarters constructed were found to be inadequate, a new scheme costing Rs. 7.95 lakhs was included in the revised plan for the construction of 69 more staff quarters. Against this provision, a sum of Rs. 7.45 lakhs was spent till the end of March 1961. During this period, the construction of 69 quarters was nearing completion.

[*Statement.*

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expen- diture	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA PRADESH.										
1.	Construction of additional floor over the existing temporary secretariat Buildings ..	5.50	4.66	4.13	0.22	0.21	0.04	..	..	4.60
2.	Improvements and Special Repairs to High Court	1.19	1.18	0.96	0.02	0.20	..	..	..	1.18
3.	Construction of sheds at High Court ..	0.51	0.49	0.49	..	..	..	..	..	0.49
4.	Extensions to the existing Legislative Assembly Buildings ..	1.03	1.14	0.99	0.10	..	0.08	..	..	1.17
5.	Improvements and repairs to private and Government Buildings	3.10	2.78	2.24	0.46	0.40	..	..	..	3.10
6.	Construction of 100 Junior Officers quarters and extension of rear Verandah ..	17.80	18.81	4.31	10.57	3.20	0.14	0.23	..	18.45
7.	(a) Additions and improvements to Raj Bhavan.	5.50	16.50	0.71	7.68	2.56	2.83	1.58	..	15.36
	(b) Construction of Guest House									
	(c) Construction of first floor									
8.	Construction of 1000 staff quarters & installation of water meters	79.00	86.14	2.49	60.93	17.61	4.25	2.72	..	88.00
9.	Construction of M.L.As. Quarters ..	24.38	22.40	..	0.34	9.53	7.58	4.17	..	21.62
10.	Construction of additional buildings at High Court (1st and 2nd phase)	9.00	9.97	..	1.18	4.25	4.59	0.18	..	10.20
11.	Improvements to Jubilee Hall at Public Gardens for Andhra Pradesh Upper House ..	..	1.06	..	..	0.89	0.10	..	..	0.99

CHAPTER XXXVI

Municipal Roads & Development Works :

With a view to increasing the financial resources of the Municipal and urban Panchayats to enable them to provide civic amenities to the local public, an amount of Rs. 46.86 lakhs was provided in the revised plan to grant loans to the Municipalities and Urban Panchayats for roads and other development works. Against this provision, an amount of Rs. 45.31 lakhs was spent during the plan period.

It was proposed to construct 30 Markets, 20 bus stands 2 Child Welfare Centres, 6 Buildings and to lay 14 miles of Roads during the plan period. 46 markets, 18 bus Stands, 6 Child Health Centres, 12 Buildings were constructed and 23 Roads were laid during the plan period.

STATEMENT
MUNICIPAL ROADS AND

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expen- diture
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
I.	Municipal Roads and Development works	47.54	46.86	0.20	6.74	14.52	11.30	12.55	45.

Item	Unit	Physical Targets and Achievements							Total Achieve- ment during 1956-61
		Target for 2nd plan period (Revised)	Achievements during					1960-61	
			1956-57	1957-58	1958-59	1959-60	1960-61		
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	
Markets opened ..	No.	30	1	7	13	13	12	46	
Cart, bus lorry stands constructed ..	„	20	..	5	3	3	7	18	
Maternity Child Welfare Centres opened ..	„	2	..	..	3	3	..	6
Buildings constructed ..	„	6	..	2	3	4	3	12	
Roads formed ..	„	14	..	6	5	3	9	23	
Latrines constructed ..	„	1	..	..	1	1	..	2
Primary Health Centres started ..	„	2	..	..	..	2	..	2
(ii) Slaughter Houses opened ..	„	..	..	..	..	..	1	1
Bridges Constructed ..	„	..	..	..	..	..	3	3
park and Swimming pool Constructed ..	„	..	..	..	1	..	1	2
Construction of stalls ..	„	..	..	..	..	..	5	5
Auditorium Constructed ..	„	..	..	..	..	..	1	1

CHAPTER XXXVII.

BROADCASTING

ANDHRA

Installation and Maintenance of Community Radio Sets :

During the Second Five Year Plan period it was proposed to instal 5,000 Community Radio sets in the Andhra Region at a net expenditure of Rs. 4.45 lakhs. Out of these, 4,873 Community Radio sets were installed by the end of the Second Plan period at an expenditure Rs. 3.96 lakhs.

TELANGANA.

Installation and Maintenance of Community Radio Sets :

Originally it was proposed to instal 1,200 Community Radio sets in Telangana Region during the Second Five Year Plan period. Due to enthusiasm shown by the people in this region to have Community listening facilities, the target was increased to instal 2,000 Community Radio sets at a net Plan expenditure of Rs. 3.03 lakhs. Against this, 1,443 sets were installed and maintained by the end of the Second Plan period. A net plan expenditure of Rs. 2.82 lakhs was incurred on this Scheme

[Statement.]

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
ANDHRA										
1.	Installation and maintenance of Community Radio Sets	18.54	4.45	(-)0.81	0.92	(-)0.10	0.15	8.30	8.96	
TELANGANA										
1.	Installation and maintenance of Community Radio Sets	4.80	8.03	..	0.43	0.28	0.11	2.00	2.82	
	Total	22.84	7.48	(-)0.81	1.35	0.18	0.26	5.30	6.78	

XXXVII.
CASTING.

(Rs. in lakhs)

*Physical Targets and Achievements**Achievements during*

<i>Item</i>	<i>Unit</i>	<i>Target for 2nd Plan period (Revised)</i>	<i>Achievements during</i>					<i>Total Achievement during 1956-61.</i>
			<i>1956-57</i>	<i>1957-58</i>	<i>1958-59</i>	<i>1959-60</i>	<i>1960-61</i>	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)

Radio Sets installed & maintained

No.	5,000	500	914	1,470	986	1,053	4,878
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Do

No	2,000		19	898	612	414	1,413
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CHAPTER XXXVIII.

PUBLICITY.

An integrated programme of publicity on the Developmental activities through various media was initiated during the year 1956-57 in order to enthuse public opinion, enlist their whole hearted co-operation and active participation for the successful implementation of the Second Five-Year Plan. To carry forward this effective programme of publicity, an amount of Rs. 17.02 lakhs was provided during the Second Five Year Plan (revised) out of which a sum of Rs. 13.73 lakhs was spent.

The progress made on various plan publicity schemes is as follows :

Staff Schemes :

In the Second Five-Year Plan, the plan Publicity staff consisting of (20) District Public Relations Officers, (20) Peons, (20) Cine Operators (20) Drivers, (20) Cleaners, (20) Typist-cum-Clerks and (20) Burrakatha Parties were sanctioned. Some posts of Typist-cum-Clerks could not be filled in. One Burrakatha Party could not be appointed. The expenditure incurred towards the pay and allowances of a establishment during the Second Five Year Plan was Rs. 4.08 lakhs as against the plan provision of Rs. 5.59 lakhs.

Press Advertisements :

Press Advertisements is one of the most efficient media of publicity. During the Second Five-Year Plan period many press advertisements on the progress of the State Plan and Community Development were published in the various newspapers. Besides, special supplements were brought out on the occasions of the Plan Publicity Week Celebrations and the First Anniversary Celebrations on the introduction of the Panchayat Raj in Andhra Pradesh in the various languages in the newspapers. An expenditure of Rs. 0.52 lakh out of the provision of Rs. 0.61 lakh was incurred during the Second Plan period.

Petrol and Running Costs :

During the Second Five-Year Plan period mobile publicity vans were supplied to all 20 Districts in Andhra Pradesh, one for each district. A sum of Rs. 1.22 lakhs was provided in the Second Five-Year Plan towards petrol and running costs of mobile publicity vans out of which the actual expenditure incurred was Rs. 1.11 lakhs.

Unforeseen charges (Plan Publicity Week Celebrations) :

The provision of Rs. 0.55 lakh made under unforeseen charges was proposed to be utilised on Plan Publicity Week Celebrations. During the Second Five Year Plan period the total expenditure incurred on this scheme amounted to Rs. 0.52 lakh and Plan Week Celebrations were conducted at the State Headquarters and District Headquarters on a grand scale.

Films :

A sum of Rs. 0.43 lakh was provided in Second Five-Year Plan towards production of documentary films on the Plan and Community Development activities and purchase of films from Government of India. The expenditure incurred on this scheme was Rs. 0.31 lakh. Non-availability of the raw-film for production was largely responsible for the short-fall in expenditure.

Exhibitions :

A provision of Rs. 0.65 lakh was made in the Second Five-Year Plan for conducting exhibitions. Against this, a sum of Rs. 0.66 lakh was spent during the plan period.

During the plan period Exhibitions were organised by the District Public Relations Officers in all the 20 Districts of the State. The Department had also participated in the All India Industrial Exhibitions held in each year at Hyderabad in the months of January and February. Cultural Programmes were organised in the Exhibition.

Song and Drama :

Song and Drama was another effective and popular medium of publicity which was exploited to communicate the message movement to the people in villages. Traditional forms of entertainment such as Songs, Folk Songs,

Dramas, Burrakatha, Harikatha and Folk Dances have tremendous capacity of appealing to the hearts of the rural masses. Song and drama competitions were organised in High Schools and Colleges and during the Second Five-Year Plan period a sum of Rs. 1.14 lakhs was spent against the plan provision of Rs. 1.61 lakhs.

Production of Literature :

The total provision allotted towards "Production of literature" during the Second Five-Year Plan was Rs. 1.61 lakhs. Against this a sum of Rs. 1.16 lakhs was spent on production of literature in different languages on the Plan and Community Development Programmes during the plan period.

Purchase of Mobile Publicity Units and Equipment for Publicity vans :

The provision allotted towards purchase of publicity vans and A. V. Equipment during the Second Five-Year Plan was Rs. 3.71 lakhs against which a sum of Rs. 3.86 lakhs was spent. The excess expenditure incurred was adjusted by reappropriating funds.

Running Costs of District Information Centres.

In the Second Five-Year Plan the ceiling fixed towards "Running Costs of District Information Centres" was Rs. 0.47 lakh out of which a sum of Rs. 0.16 lakh was spent and 10 pilot district Information Centres have been established during the plan period.

Production of Material for the District Information Centres.

This scheme was implemented during the last year of the Second Five-Year Plan. The entire provision of Rs. 0.16 lakh was utilised in production of material for Information Centre.

Expanded Nutrition Programme in Andhra Pradesh.

This was a new Scheme implemented during the last year of the Second Five Year-Plan. Out of the provision of Rs. 0.41 lakh a sum of Rs. 0.05 lakh was spent on Publicity campaign on expanded Nutrition Programme.

<i>Financial Targets and Achievements</i>									
Srl. No.	Name of the Scheme	Second Plan Provision		Expenditure incurred in					Total Expenditure
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
ANDHRA.									
1.	Pay of Establishments and Allowances ..	2.27	3.07	0.07	0.23	0.43	0.65	0.82	2.25
2.	Press Advertisements ..	0.43	0.34	0.01	0.07	0.04	0.05	0.12	0.29
3.	Petrol and Running costs of Mobile Publicity Units ..	1.36	0.67	..	0.03	0.07	0.16	0.36	0.62
4.	Unforeseen charges (Plan week celebrations) ..	0.10	0.30	0.01	..	..	0.09	0.19	0.29
5.	Films ..	0.44	0.24	..	0.06	0.02	0.08	0.01	0.17
6.	Exhibitions ..	0.70	0.36	0.04	0.07	0.09	0.07	0.09	0.36
7.	Song and Drama ..	0.87	0.88	0.03	0.04	0.15	0.14	0.27	0.63
8.	Production of Literature	0.91	0.88	0.08	..	0.09	0.26	0.21	0.64
9.	Purchase of Mobile Publicity Units and equipment for Publicity vans ..	2.10	2.04	..	0.16	0.41	0.99	0.56	2.12
10.	Running costs of Information Centres ..	0.59	0.26	..	..	0.02	0.02	0.05	0.09
11.	Production of Material for the District Block information centres ..	0.24	0.09	..	..	..	..	0.09	0.09
12.	Expanded Nutrition Programme ..	..	0.23	..	..	..	..	0.03	0.03
Total Andhra ..		10.00	9.36	0.24	0.71	1.32	2.51	2.80	7.58
TELANGANA :									
1.	Pay of Establishments and Allowances ..	1.00	2.52	0.05	0.22	0.36	0.53	0.67	1.88
2.	Press Advertisements ..	0.24	0.27	0.01	0.05	0.03	0.05	0.09	0.23
3.	Petrol and running costs of Mobile Publicity Units ..	1.44	0.55	..	0.03	0.05	0.12	0.29	0.49

XXVIII.
ITY

(Rupees in lakhs.)

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>Achievements during</i>					<i>Total Achieve- ment during 1956-61</i>
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
No specific target								

Srl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure
		Second Plan Provision		Expenditure incurred in					
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
4.	Unforeseen Charges (Plan week celebrations) ..	0.13	0.25	0.01	..	..	0.07	0.15	0.23
5.	Films	1.12	0.19	..	0.05	0.02	0.06	0.01	0.14
6.	Exhibitions ..	0.60	0.29	0.08	0.06	0.07	0.06	0.08	0.30
7.	Song and Drama ..	0.54	0.73	0.01	0.03	0.12	0.12	0.23	0.5
8.	Production of Literature.	0.78	0.73	0.07	..	0.07	0.21	0.17	0.5
9.	Purchase of Mobile Publicity Units and equipment for Publicity vans.	2.40	1.67	..	0.13	0.34	0.81	0.46	1.7
10.	Running costs of information centres ..	0.51	0.21	..	..	0.01	0.01	0.05	0.0
11.	Production of Material for the District Block information Centres ..	0.94	0.07	..	..	..	..	0.07	0.0
12.	Expanded Nutrition Programme ..	..	0.18	..	..	..	..	0.02	0.0
TOTAL TELANGANA ..		9.70	7.66	0.18	0.57	1.07	2.04	2.29	6.1
TOTAL FOR ANDHRA PRADESH.		19.70	17.02	0.42	1.28	2.39	4.55	5.09	13.7

<i>Physical Targets and Achievements</i>								
<i>Item</i>	<i>Unit</i>	<i>Target for 2nd plan period (Revised)</i>	<i>Achievements during</i>				<i>Total Achievement during 1956-61</i>	
			1956-57	1957-58	1958-59	1959 60		1960-61
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
No specific target								

CHAPTER XXXIX.

STATISTICS

A sum of Rs. 20.22 lakhs was originally provided in the Second Five Year Plan for the development of the Bureau of Economics and Statistics. This provision was subsequently reduced to Rs. 15.94 lakhs. Against this the expenditure incurred during the plan period amounted to Rs. 15.32 lakhs. This forms 96.1% of the revised provision and 75.8% of the original provision. The Bureau was strengthened by the establishment of several new units like Planning Cell, Socio Economic Survey, Administrative Intelligence Unit, National Income Unit etc and a District Statistical Agency was set up in each District. A brief account of the progress of each of the plan schemes during the plan period is given below.

Establishment of Planning Cell including National Income Unit.

A unit for the assessment of the progress of Plan schemes and another for the estimation of State Income were established in the Bureau during the year 1957-58 and 1958-59 respectively. While the Planning Cell was mainly engaged in the preparation of the monthly, quarterly, and annual progress reports on the plan schemes, State Income estimates for each of the years from 1952-53 to 1959-60 were prepared in the National Income Unit. An expenditure of Rs. 2.19 lakhs was incurred on the scheme during the plan period.

Qualitative Evaluation Survey of Community Projects:—

This survey was designed with the principal object of assessing the social, agricultural and economic changes brought about by the development programme and also to study to what extent the outlook of the people in the Project areas has changed as regards the acceptance of the improved practices sponsored under the programme. The survey was conducted in 8 Post Intensive Blocks of the Kurnool, Cuddapah Project, the Kakinada Peddapuram Project, the Nizamsagar Project and the Mulug Community Development Block. A report on the survey was prepared and submitted to Government. The entire revised provision of Rs. 0.02 lakh was utilised during the period under review.

Scheme for the Setting up of District Statistical Agencies :

With a view to coordinate the Statistical activities of the different departments at the district-level, to improve the quality and timeliness of the data furnished by the primary reporting agencies and to supervise the data emanating from the development blocks in the State, it was proposed to establish a District Statistical Agency in each district. In accordance with this programme, three District Statistical Agencies were set up in 1957-58, five in 1958-59, six in 1959-60 and the remaining six in 1960-61. There was thus a District Statistical Agency in each district by the close of the Second Plan period. A sum of Rs. 4.06 lakhs was spent during the plan period.

Socio Economic Survey :

This unit was established in July 1958 for the collection of data on Socio-economic conditions in the State in collaboration with the National Sample Survey. Data on households and their demographic features, consumer expenditure by households, employment and unemployment, land utilisation, crop yields, household enterprises small scale industries and births and deaths have been collected in the 14th and 15th rounds of the National Sample Survey. Data on the 14th round have been analysed during the plan period. An expenditure of Rs. 3.15 lakhs was incurred on this scheme.

Inservice Training Unit :

With a view to impart training to certain categories of staff in the Bureau such as computers, Investigators and Progress Assistants in Community Development Blocks, in Theoretical and applied Statistics and Official Statistics, an Inservice training unit was established in the Bureau during 1958-59. 506 Progress Assistants and Junior members of the staff of the Bureau underwent training during the plan period. A sum of Rs. 0.20 lakh was spent on this scheme during the plan period.

Administrative Intelligence Unit :

This unit was established in 1958-59 for a periodical assessment of the progress of the community development programmes in the State and was mainly engaged in the

preparation of consolidated quarterly and annual progress reports on development blocks. A sum of Rs. 0.43 lakh was spent on this scheme during the plan period.

Crop Estimation Surveys on Non-Food Crops.

With a view to estimating the average yield per acre on a scientific basis, crop estimation surveys were extended to principal non-food crops like groundnut, sesamum, castor, cotton, tobacco and sugarcane from the year 1957-58 and 11,127 crop cutting experiments were conducted during the plan period and a sum of Rs. 1.56 lakhs was spent on this scheme.

Crop Estimation Surveys on Food Crops.

The crop estimation surveys for the estimation of average yield per acre of principal food crops, *viz.*, Paddy, Jowar, Bajra, Ragi and Maize initiated during the first Five-Year Plan period were continued and 22,390 experiments were conducted during the Second Plan period. Against a revised plan provision of Rs. 0.28 lakh an amount of Rs. 0.26 lakh was spent during the plan period. The expenditure during 1960-61 amounted to Rs. 0.11 lakh and 3,968 experiments were conducted during this year.

Establishment of Machine Tabulation Unit.

With a view to process the data received in connection with the various surveys conducted by the Bureau, a Machine Tabulation Unit was established during 1957-58. Against a revised provision of Rs. 0.29 lakh, an amount of Rs. 0.32 lakh was spent on this scheme during the plan period.

Family Living Survey.

Consumer Price Index Numbers for working class are being compiled by the Bureau with 1943-44 as base for 3 Centres in Telengana and with 1935-36 as base for 2 Centres in Andhra. As the pattern of family expenditure has undergone a considerable change during the last two decades, it was proposed to conduct fresh surveys and an amount of Rs. 0.15 lakh was provided for the

purpose in the plan and the schemes were initiated during 1959-60. As programmed, family living surveys were conducted in six Centres, *viz.*, Visakhapatnam, Bodhan, Kagaznagar, Rajahmundry, Adoni and Warangal and a sum of Rs. 0.16 lakh was spent on this scheme during the plan period.

Housing Cell.

For the collection of data on house building activity in Urban areas, prices of building materials, wages of labour engaged in the building constructions, etc., a Housing Cell was set up in the Bureau during the year 1960-61 and data on housing is being collected periodically in the proforma prescribed by the National Building Organisation. A sum of Rs. 0.12 lakh was spent on this scheme.

Sample Survey for the Correct Estimation of area and yield of Coconuts and Arecanuts.

The object of this scheme is to estimate the correct area under coconut and arecanut crops in the State and the yield per acre and per tree besides the collection of information relating to the cultural practices in vogue. This survey was taken up at the instance of the Indian Central Coconut and Arecanut Committee. The survey is being conducted in the districts of Srikakulam, East Godavari, West Godavari and Anantapur where coconut and arecanut crops are widely grown. An amount of Rs. 0.75 lakh was spent on this scheme during the plan period. During the plan period area enumeration was completed in respect of 202 villages and yield survey in respect of 174 villages.

Construction of a New Building.

It was proposed to construct an additional building at an estimated cost of Rs. 2.34 lakhs in the premises of the Bureau to accommodate the additional staff appointed under the various schemes. The construction was started during 1959-60 and the work was completed during 1960-61. An expenditure of Rs. 1.91 lakhs was incurred on this

Purchase of Van.

Under this scheme, it was proposed to purchase a van for the Bureau of Economics and Statistics as Senior

Officers of the Bureau have to attend various district conferences from time to time and also visit villages to inspect work relating to schemes like Socio-Economic Survey, Crop Cutting experiments, etc. An amount of Rs. 0.23 lakh was provided for this purpose in the plan for 1960-61. The Van was purchased and an expenditure of Rs. 0.19 lakh was incurred towards the cost and maintenance of the Van.

(Statement.)

Sl. No.	Name of the Scheme	Financial Targets and Achievements							Total Expenditure	
		Second Plan Provision		Expenditure incurred in						
		Original	Revised	1956-57	1957-58	1958-59	1959-60	1960-61		
										(3)	(4)	(5)	(6)	(7)	(8)	(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
<i>Andhra Pradesh :</i>										
1.	Establishment of Planning cell including National Income Unit.	2.63	2.12	..	0.88	0.53	0.59	0.69	2.16	
2.	Scheme for setting up of District Statistical Agencies.	5.17	3.79	..	0.02	0.50	1.07	2.47	4.06	
3.	Establishment of Socio-Economic Survey Unit.	6.15	3.72	..	..	0.44	1.08	1.63	3.15
4.	Establishment of Inservice Training Unit.	0.23	0.16	..	..	0.04	0.03	0.13	0.20
5.	Establishment of Administrative Intelligence Unit.	..	0.43	..	..	0.06	0.15	0.22	0.43
6.	Crop estimation survey on non-Food crops.	4.14	1.61	..	0.07	0.50	0.51	0.48	1.56	
7.	Crop estimation survey on Food crops.	..	0.28	..	..	..	0.15	0.11	0.26
8.	Establishment of Machine Tabulation Unit.	..	0.29	..	0.01	0.07	0.10	0.14	0.32	
9.	Family living survey ..	..	0.15	..	..	..	0.06	0.10	0.16
10.	Housing cell ..	..	..	..	..	..	..	0.12	0.12
11.	Sample survey for the correct estimation of area and yield of coconuts and arcanuts.	..	0.80	..	..	0.01	0.37	0.37	0.75
12.	Construction of additional building.	..	2.84	..	..	..	0.70	1.21	1.91
13.	Purchase of Van ..	..	0.23	..	..	..	..	0.10	0.13
14.	Qualitative Evaluation survey.	..	0.02	..	0.02	..	..	..	0.02
15.	Scheme for investigating the economics of cottage and small scale industries.	1.90	..	..	..	..	..	..	..
Total ..		20.22	15.94	..	0.50	2.15	4.81	7.86	15.32	

XXXIX
TICS.

Physical Targets and Achievements

Item	Unit	Target for 2nd plan period (Revised)	Achievements during					Total Achievement during 1956-61
			1956-57	1957-58	1958-59	1959-60	1960-61	
(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
Planning cell established	No.	1	..	1	Contd.	Contd.	Contd.	1
National Income Unit established.	No.	1	..	..	1	"	"	1
District Statistical Agencies established.	No.	20	..	3	5	6	6	20
Socio Economic Survey Unit established.	No.	1	..	..	1	Contd.	Contd.	1
(a) Survey of villages	No.	Not fixed.	..	..	108	216	209	533
(b) Survey of Urban Block	No.	"	..	..	77	153	160	390
Training of staff	No.	"	..	..	84	185	237	506
Administrative Intelligence unit established.	No.	"	..	..	1	Contd.	Contd.	1
Crop cutting experiments conducted.	No.	"	..	2,036	2,819	3,982	2,290	11,127
Crop cutting experiments conducted.	No.	"	4,183	4,116	4,025	6,098	3,068	22,390
Machine Tabulation Unit established.	No.	1	..	1	Contd.	Contd.	Contd.	1
				No specific target				
Housing cell established	No.	1	..	..	..	..	1	1
				No specific target.				
Additional building constructed.	No.	1	..	..	..	..	1	1
Van purchased	No.	1	..	..	..	..	1	1
				No specific target.				
				Not implemented				

