



GOVERNMENT OF ORISSA

Draft Fourth Five-Year Plan
(1969-70—1973-74)
Orissa

**PLANNING & CO-ORDINATION
DEPARTMENT, BHUBANESWAR**

GOVERNMENT OF ORISSA
PLANNING AND CO-ORDINATION DEPARTMENT
(PLANNING BRANCH)

No. 6345/P.,

Bhubaneswar, the 14th September 1968

FROM

SHRI S. K. BOSE, I. A.S.,
ADDITIONAL CHIEF SECRETARY
ADDITIONAL DEVELOPMENT COMMISSIONER
AND SECRETARY TO GOVERNMENT.

TO

THE SECRETARY,
PLANNING COMMISSION,
GOVERNMENT OF INDIA, NEW DELHI.

Subject—Draft Fourth Five-Year Plan (1969—74)-Orissa

SIR,

With reference to Planning Commission's letter No. PC (P1/4(1)66. dated the 27th July 1968, I am directed to send herewith.....sets of the Draft Fourth Plan proposals and the Annual Plan 1969-70 of Orissa. each set comprising of the following materials:—

- (i) Statement I—showing the distribution of outlay and expenditure under various heads and sub-heads for the years 1966-67, 1967-68 and 1968-69.
- (ii) Statement II—showing the outlay proposed for the Fourth Plan and its annual phasing under various heads and sub-heads.
- (iii) Statement III—showing the outlay proposed for the Fourth Plan and the expenditure incurred up to end of 1968-69 in respect of important projects costing Rs. 5 crores and above.

- (iv) Statement IV—(Check List)—giving details in respect of principal projects costing Rs. 5 crores and above.
- (v) Statement V—showing the physical programmes under different heads of development.
- (vi) A brief Memorandum on the Fourth Plan.

2. The matter regarding the administrative arrangement improving implementation of the Plan is now under consideration of the State Government and a separate note will follow.

3. Maps depicting physico-geographical conditions and the distribution of infra-structural facilities of the districts as well as the State have been prepared and a set of the State Map will be sent to the Planning Commission soon.

4. In the Plan proposal, no provision has been kept for any Centrally sponsored scheme, as according to the latest indication given by the Centre, all Centrally sponsored schemes will bear 100 per cent Central assistance.

5. Copies of the Draft Plan proposal are also being sent directly to the Central Ministries concerned.

Yours faithfully

S. K. BOSE

*Additional Chief Secretary,
Addl. Development Commissioner
and Secretary to Government*

Memo. No. 6346/P.

Bhubaneswar, the 14th September 1968

Copy along with— —number of copies of the draft Fourth Plan, Orissa forwarded to the Ministry of..... Government of India, New Delhi for information and necessary action.

Yours Faithfully

S. K. BOSE

*Additional Chief Secretary,
Addl. Development Commissioner
and Secretary to Government*

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Memo No. 6347/P.

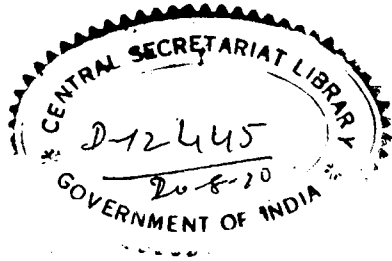
Bhubaneswar, the 14th September 1968

Copy with a set of the draft Fourth Plan proposal of Orissa forwarded to the Secretary, _____ Department for information.

Yours Faithfully

S. K. BOSE

*Additional Chief Secretary,
Addl. Development Commissioner
and Secretary to Government*



CHAPTER I

INTRODUCTION

1.1. The State of Orissa in its present form took shape in 1949 when all the 24 princely estates were merged with the then Orissa of six districts. The State as constituted today has 13 districts spread over an area of 60,136 sq. miles.

1.2 Although the different parts of the State had 'complete homogeneity not only with regard to language but also in the matter of culture, traditions, heritage and social inter-course, there was considerable diversity with regard to the structure of the economy', for purposes of economic analysis the State has been traditionally divided into two regions, namely coastal region consisting of the more developed areas in Balasore, Cuttack, Ganjam and Puri districts and inland region comprising of the remaining nine districts. As a result of merger of States certain pockets in each of the coastal districts have areas at the same level of development as those in the inland region while certain areas in inland region such as Sambalpur, Sundergarh have advanced considerably due to major projects located therein during the last two decades.

1.3. The State has a coast line of 250 miles along the Bay of Bengal. It has common boundary with West Bengal in North-East, Bihar in the North, Madhya Pradesh in the West and Andhra Pradesh in the South. Each of the boarder States has influenced the cultural and economic development of the State during the past several recades. Necessarily, the people of boarder areas are bilingual as a result of which educational and cultural development of some of the districts of Orissa has to cater to the needs of the people speaking two languages.

1.4. The development of the State has been made difficult as a major portion of the present State was covered by small princely States, where levels of development in the field of education, agriculture, etc., were not only different among themselves, but were lower than those in the six districts constituting Orissa with effect from 1936 when it

was constituted into a separate State. Prior to that for about a quarter of a century it was a part of the Bengal Presidency as a result of which the region now constituting Orissa was at a considerable distance from the seat of the headquarters of the Presidency. The back-log of development, thus caused prior to its separation in 1936 and enlargement in 1949 was primarily responsible for the continuing backwardness of the State inspite of about 2 decades of development in the post-independence Era.

Land

2.1. The area under cultivation is 14.8 million acres. Paddy is the most important crop of this State as 70 per cent of the area is covered by this crop. Pulses are grown in 11 per cent of the area and oil seeds in only 5 per cent. The rest of the area is covered by vegetables, sugarcane, fruit orchards etc. Maize cultivation is progressively increasing as the area covered by this crop is 1.17 lakh acres. It would, therefore, be seen that agricultural economy depends on one crop only. With the increasing irrigation the scope for multiple cropping will considerably increase. At present only about a third of the cultivated area is cropped more than once.

Soils

3.1. The dominant soil types noticed in Orissa are red soil in Northern Plateau, red and yellow laterite soils in Central Table land, laterite soils in Eastern Ghat Region and alluvial soils in coastal regions. The alluvial soils are agriculturally most important in the State. The nature of alluvium varies from district to district. The soils of Cuttack being clay and clayey loams as compared to the sands and sandy loams found in Balasore, Puri and Ganjam. Saline soil occur in narrow strip along the coast line of the Bay of Bengal extending from one to six miles in width. Black soil is found scattered in Dhenkanal, Phulbani, Kalahandi and Bolangir districts. The soil, in general, is deficient in phosphoric acid and has a low nitrogen content, but has sufficient potash. The yields can be increased if nitrogen and phosphorus deficiency is removed.

3.2. The soil reaction is acidic in more than 50 per cent of the cultivated land. Red soils of Northern Plateau are more acidic than others. Liming appears to be necessary

for 30 per cent of the cultivated land in Northern Plateau, 18 per cent in Central Table Land, 21 per cent in Eastern Ghat Region and 24 per cent in the Coastal plains.

Yields

4.1. Although yield per acre is less compared to other rice growing States like Andhra Pradesh or Madras the yield rate has recently increased considerably. According to the statistics published in the Economic Survey of Orissa, yield of rice per acre was 8.75 Mds. (720 lbs.) in early fifties the range of variation among districts being 3 mds. to 16 mds. In 1959 average yield of rice per acre was estimated at 776 Lbs. per acre against 1,260 Lbs. in Madras. According to the latest Crop Cutting Survey Conducted in the State, yield of rice has gone upto 11 mds. (905 lbs.) per acre. For high yielding varieties the yield per acre, is of course, much higher. But the total area of high yielding variety is not yet significant.

Rainfall

5.1. Most parts of the State got between 55" to 63" of rainfall during the year. The Northern Plateau area consisting of Mayurbhanj, Keonjhar, Sundergarh, Kuchinda and Deogarh Subdivisions of Sambalpur district get about 67" (1,708 m.m.) of rainfall. The Easternghat Region consisting of Kalahandi, Koraput, Phulbani and hilly parts of Ganjam district get about 53" (1,346 m.m.) of rainfall. The coastal plains consisting of Balasore, Cuttack, Puri and a part of Ganjam district receive 56" or 1,422m.m. of rainfall. The Central Table Land consisting of Dhenkanal, Sambalpur and Bolangir districts get about 53" (1335 m.m.) of rainfall. The rainfall, is, however, not well distributed. As a result, frequently, we have droughts alternating with floods all the time. The positions has materially altered since. Maddox in his settlement Report mentioned that the 'cultivators face the prospectous of crop failure once in three or five years and generally lose $\frac{1}{4}$ th to $\frac{1}{2}$ of the rice crops in the unirrigated lands'.

5.2. The lack of regularity and adequacy in rainfall makes Orissa's agriculture particularly prove touncertainty, and adequate development of irrigation facilities in all forms appears to be one of the primary needs of the State.

5.3. As a result of major, medium and minor irrigation and lift irrigation systems, the irrigation potential has increased in recent years. The progress achieved in this respect has been indicated in the next chapter.

Forests

6.1. The total forest area of Orissa is about 68,000 sq. k.m. (26,000 sq. miles) 43.7 per cent of the total land area is thus covered by forests. The forest area of Orissa constitutes 7 per cent of the forest area in India. Out of 26,000 sq. miles of forest area about 9,000 sq. miles are reserved forests. Out of the total forest area certain categories, namely ex-Zamindari forests, undemarcated protected forests, etc., have very little productive value. If we exclude them we would have, 15,000 sq. miles of forest area which have high commercial value. This constitutes 25 per cent of the total geographical area of the State. Thus Orissa ranks high in its forest area and has a great potential for development of forest-based industries.

6.2. Forests generated a net income of about Rs. 6 crores in 1951-52. According to the latest estimates of State income, this sector has generated an income of more than 12 crores.

6.3. Due to availability of adequate raw materials such as bamboo (potential: 5.9 lakh tonnes) three paper mills with a total capacity of 1.02 lakh tonnes have already been established in the State. A number of saw mills are also functioning. The State exports a large quantity of railway sleepers. With adequate investment the forests can yield a far greater wealth to Orissa.

Fisheries

7.1. Orissa's long coast line, numerous rivers and lakes, both natural and man-made (Chilka, Hirakud, Mandira and Balimela) as well as the large number of tanks give us a vast potential for pisciculture. It has been estimated that capture fisheries comprising of off-shore, deep-water and Estuarine fishing area as well as reservoirs are available in 8150 sq. miles. Culture fishing comprising of fresh water and marine swamps, ponds and tanks is possible in 5.5 lakh acres. Income originating from fishery sector has increased

to Rs. 12 crores from about Rs. 7 crores a decade back. This would suggest the great potential available for pisciculture in the State.

7.2. Deep Sea and Marine fishing appear to have some scope, though the investment required being large, careful analysis of the details and potential have to be undertaken.

7.3. The State exports a large quantity of fish caught in Chilka lake and Chandipur of Balasore district. Besides, fresh water fish is also exported. Orissa supplies a good proportion of fish consumed in Calcutta. In spite of growing supply there is a great shortage of fish in urban centres in Orissa. With adequate investment in development of pisciculture, it is expected that the income from this source will go up substantially.

Minerals

8.1. Orissa has abundant resources in minerals. The extensive deposits of coal in Talcher area, iron ore in Daitari area, Chromite, Limestone in extensive parts of the State are well known. Other minerals such as bauxite, graphite, manganese ore etc. are also available. Quantitatively the figures are quite impressive. Reserves of iron ore are known to be of the order of 8,000 million tonnes. Production in 1967 was 5.4 million tonnes which constitutes 28 per cent of the all-India production.

8.2. Orissa accounts for the entire production of chromite in the country. Known deposits are estimated at 5 million tonnes. Production during 1967 totalled 109,535 tonnes.

8.3. Orissa is a leading producer of manganese ore in the country. Known reserves are of the order of 25 million tonnes. Production during 1967 was about 0.5 million tonnes which constituted 33 per cent of all-India production.

8.4. Limestone and dolomite reserves occur in Sundergarh, Sambalpur and Koraput districts. The known reserves are of the order of 600 million tonnes. Production during 1967 was 2.1 million tonnes. Reserves of dolomite constituted 39 million tonnes. Production during 1967 was 1.14 million tonnes constituting 40 per cent of the all-India production.

8-5. Deposits of coal are quite extensive in Talcher and Ramapur areas. Known deposits are of the order of 1,320 million tonnes. It is believed that total reserves of coal is of the order of 40 million tonnes which might constitute 50 per cent of the all-India reserves.

8-6. The existence of large scale deposits of minerals has great potential for industrial development of Orissa. We have already established Ferro-chrome and Ferro-mangaganese plants, cement factories in the State besides the famous Steel Mill at Rourkela. A number of coal-based Industries in Talcher area, and ferro-vanadium plant at Rairangapur in Mayurbhanj district are under active consideration. So far we have not been able to establish them due to lack of necessary capital.

8-7. The State income originating in the mining sector has increased to more than Rs. 8 crores from about Rs. 4 crores in course of a decade. With larger investment the potential can be better utilised to generate a far larger income and employment.

Power

9-1. Orissa has many rivers. Most of them flow all the year around. They have vast resources in water and potential for generation of electric energy. During the last three Plan periods the power potential has steadily increased from 9.6 M.W. to 372.5 M.W. at the end 1967-68. By the end of 1968-69 the installed capacity is likely to be 560 M.W. with the immense water resources and almost unlimited reserves of coal, power over the first of the pre-requisites of development is no problem in Orissa so far as availability is concerned.

Population

10-1. The population of Orissa has increased from 10.3 millions in 1901 to 17.5 millions in 1961. According to present trends it may increase to 22.6 millions by the end of 4th Plan period, i.e., 1973-74.

10-2. The Scheduled Castes and Scheduled Tribes people, constitute a very large proportion (40 per cent) of Orissa population as compared to 21.5 per cent for the country.

10.3. The density of population of Orissa according to 1961 Census was 292 per sq. mile as against 370 for the country as a whole. The population of Orissa constitutes 4 per cent of the population of India as projected for 1968.

10.4. The population of Orissa mostly live in villages, as rural population constitute 93.7 per cent of the total population. The corresponding figure for India is 82 per cent.

Working Population

11.1. The working population of Orissa constitute 43.7 per cent of the total population of Orissa. The corresponding figure for India is 42.9 per cent. It would, therefore, be seen that a larger proportion belongs to the non-working categories. That is because, a large proportion of people is below 14 years of age. As children below 14 years of age constitute a large proportion the investment on their maintenance, education, etc., is considerably high. Children in the age group 6-14 for whom the Constitution has given a directive to provide free and compulsory Education constitute 21% of the population of the State.

CHAPTER II

Economic Backwardness of Orissa

12.1. An attempt is being made in this chapter to show the level of development attained by the State vis-a-vis the level attained in other States. In annexure 1 we have given statistics of State income and *per capita* income of Orissa as well as India at current prices. It will be seen that the *per capita* income of Orissa has increased from Rs. 169.76 in 1950-51 to Rs. 278.84 in 1965-66. That is, in course of 15 years the *per capita* income has increased by 64 per cent. During the same period the State income in current prices has increased from Rs. 243.66 crores in 1950-51 to Rs. 534.98 crores in 1965-66. This works out to an increase of 220 per cent. It would, therefore, be seen that increase in State income has been neutralised to the extent of 56 per cent due to increase in population.

12.2. It is distressing to note that inspite of attempts to reduce disparities, the discrepancy between *per capita* income in Orissa and the *per capita* income for India as a whole is widening. According to the quick estimates for 1966-67 the *per capita* national was Rs. 481.50 against that, the Orissa *per capita* income was only Rs. 278.80. So there is already a difference of more than Rs. 200 in the mid-sixties compared to Rs. 100 in the early fifties.

12.3. The national income has increased from Rs. 95.30 crores in 1950-51 to Rs. 2,41,57 crores in 1966-67. *Per capita* income during the corresponding years was Rs. 266 and Rs. 481, respectively. (All these figures are in current prices.) The *per capita* national income has therefore increased by 80 per cent in course of 16 years while the national income during the same period has increased by $2\frac{1}{2}$ times. Thus comparing the growth of *per capita* income as well as the State income of Orissa with those for the country as a whole, we notice a substantial lag for the former.

12.4. The same picture will be revealed if we compare the growth of *per capita* income of Orissa with those of other States in the Union. In annexure 2 we have given statistics of *per capita* income at current prices of all the States. It would be noticed that *per capita* income of Orissa in 1963-64 was very low compared to that of other States. It would

appear that Orissa occupied the third lowest position among States. If we consider the *per capita* income of States in 1951-52 Orissa, was similarly placed. Similarly, for 1956-57 and 1961-62 the *per capita* income of Orissa was the second lowest.

12.5. As a comparative indicator of levels of living, we consider consumer expenditure as a better guide. Fortunately the N. S. S. has given us reliable comparative Statistics in this regard. In Annexure 3 we have given comparative data of consumer expenditure in 1952-53 and 1963-64. *Per capita* consumer expenditure in rural areas would indicate the level of well-being of people in Orissa compared to those in other States. It would be seen that *per capita* monthly expenditure in 1963-64 was Rs. 19.45 in Orissa compared to the all-India average of Rs. 22.41. Both in 1952-53 and 1963-64 Orissa occupied the lowest position among States. It was Rs. 15.02 in the earlier year compared to Rs. 26.10 in West Bengal and Rs. 24.03 in Bihar. The position did not change materially even after a decade.

12.6. In Annexure 4 we have given comparative data in respect of Government expenditure on education during 1959-60 to illustrate how Orissa lagged behind in education. It would be seen that Orissa occupied the lowest rank among all the States both in respect of *per capita* expenditure on education and per-scholar expenditure on education. The *per capita* expenditure on education, was only Rs. 3.71 while it was more than Rs. 10 in Maharashtra and Kerala. In the same way, per-scholar expenditure on education in Orissa was only Rs. 48 against more than Rs. 70 in 5 States namely West-Bengal, Maharashtra, Punjab, Madhya Pradesh and Rajasthan. It is said that economic development of a people comes faster by investment on education rather than on all non-human sources of a country. The general poverty of the people preventing larger private investment on education is probably more true in Orissa than in other States.

12.7. In annexure 5 and 6 we have given comparative Statistics of eight indicators of development of different States of the Union to show the level achieved by Orissa vis-a-vis other States. The following indicators have been taken into consideration:--

- (1) number of workers engaged in agriculture as percentage of total workers,

- (2) number of workers per lakh of population in registered factories,
- (3) net area sown per agricultural worker,
- (4) percentage of gross irrigated to net area sown
- (5) percentage of area sown more than once to net area sown
- (6) mileage of surface roads per 100 sq. km.
- (7) hospital beds per lakh of population,
- (8) number of seats available in the age group-6-17 per lakh of population.

The comparative data in annexure 5 have been collected from the Statistical Abstract of India for 1966 while those in 6 are from a publication issued by Ministry of Education, Government of India. Each of the indicators refers to data available for the latest year.

12.8. The more backward States should generally have more workers in agriculture as it indicates poor development of tertiary and secondary occupations. Consequently, a large proportion are forced to make a living out of agriculture as alternative opportunities of employment are not available. It would, therefore, been that West-Bengal, has only 54 per cent of workers engaged in agriculture while backward States like Bihar, Madhya Pradesh, Orissa, Rajasthan, Uttar Pradesh have more than 70 per cent of its workers engaged in agriculture.

12.9. This would suggest that alternative avocations should be available so that surplus population now subsisting on agriculture should be diverted to more gainful occupations. It is well known that about 70 per cent of the Orissa State income originates from agriculture. Agriculture is very backward as income per worker is quite low in Orissa compared to other States in the Union. The statement below would indicate that the net income per worker from Agriculture is only Rs. 420 per annum compared to Rs. 643 in Madras and Rs. 999 in Punjab. Here again, Orissa, next to Bihar, occupied the lowest rank of all the

States in th Union. Net income from Agriculture per worker engaged in Agriculture (1961-62).

State	Income from Agriculture perworker engaged in Agriculture (1962-63) Rs. per annum
Andhra Pradesh	.. 520
Assam	.. 744
Bihar	.. 371
Gujarat	.. 695
Jamu and Kashmir	.. 497
Kerala	.. 1315
Madhya Pradesh	.. 428
Madras	.. 643
Maharastra	.. 489
Mysore	.. 584
Orissa	.. 420
Punjab	.. 999
Rajasthan	.. 513
Uttar Pradesh	.. 522
West Bengal	.. 938

12-10. Contrasting the above with the number of workers per lakh of population in registered factories in Orissa and other States in the Union, we would find that there were 220 workers in registered factories in the former as against 1976 in West Bengal, 1584 in Maharastra and 1336 in Gujarat. Here again, leaving outside Jammu and Kashmir, Orissa occupied the lowest position among all the States. This would give an additional evidence of lack of work opportunity in non-agricultural occupations.

12.11. Coming to the broad field of agriculture, we have three indicators to show that even agricultural development in Orissa is quite low compared to that in other States. Net area sown per agriculture worker was only 1.06 Htr. in Orissa in 1963-64 compared to 2.55 in Mysore, 1.37 in Maharashtra and 1.66 in Gujarat. Percentage of gross irrigated area to net area sown was 19 in Orissa compared to 34 in Uttar Pradesh, 55 in Punjab and 54 in Madras, Orissa occupied the 10th position among States in this respect. In addition of multiple cropping the picture in Orissa was no better in 1963-64. Area sown more than once was 20.7 per cent of net area sown in Orissa compared to 29 per cent in Bihar, 28 per cent in Punjab and Uttar Pradesh.

12.12. Coming to surface roads, Orissa had only 5 miles per 100 sq. km in 1964 compared to 27 in Madras, 25 in Kerala, 15 in Mysore and West Bengal. 11 States were better off than Orissa in respect of mileage of roads.

12.13. Hospital facilities in Orissa are similarly poor. 35 hospital beds were available per lakh of population in Orissa during 1963 compared to 87 in West Bengal, 70 in Punjab, 75 in Mysore and 85 in Kerala. Orissa occupied the 12th position in this respect.

12.14. Orissa had 0.48 seats in elementary school per lakh of children population in the group, 6—13 compared to 0.94 in Kerala and 0.82 in Madras. In this aspect, Orissa occupied the 12th position among States in 1963-64. For the age—group, 14—17 number of seats available per lakh of population was only 0.06 in Orissa compared to 0.15 in Punjab, 0.19 in Maharashtra, 0.18 in Madras and 0.27 in Kerala. Orissa occupied the 14th position among States in this respect.

12.15. So taking all these eight indicators together one cannot escape the conclusion that Orissa, inspite of three Plans, had not made much head-way either in agriculture or in social and economic infrastructure.

ANNEXURE I

Per capita *Income at Current Price*

Year	State Income (Rs. in crores) ORISSA	National Income (Rs. in crores) INDIA	<i>Per capita</i> (in Rs.) ORISSA	Income INDIA
1	2	3	4	5
1950-51	243.66	9,530	169.78	266.5
1951-52	267.90	..	182.92	..
1952-53	284.18	..	190.27	..
1953-54	301.68	..	198.13	..
1954-55	307.61	..	198.25	..
1955-56	315.22	..	199.44	..
1956-57	334.47	..	207.80	..
1957-58	309.55	..	188.91	..
1958-59	359.52	..	215.59	..
1959-60	388.18	..	228.80	..
1960-61	428.91	13,453	248.55	310.00
1961-62	443.68	14,315	252.87	322.30
1962-63	492.64	15,179	272.50	332.90
1963-64	561.39	17,563	304.45	376.10
1964-65(P)	599.32	20,424	318.63	427.10
1965-66(P)	534.98	21,064	278.84	430.10
1966-67(Q)	..	24,157	..	481.50

(P) Preliminary Estimate

(Q) Quick Estimate

ANNEXURE 2

State-wise percapita Income (At current prices)

In Rupees only

State	1951-52	1956-57	1961-62	1963-64
(1)	(2)	(3)	(4)	(5)
Andhrapradesh ..	..	256	319	354
Assam ..	322	294	327	357
Bihar ..	174	162	209	241
Gujarat ..	..	288	359	379
Jammu and Kashmir ..	..	..	..	..
Kerala ..	..	228	289	311
Madhya Pradesh ..	213	261	321	350
Madras ..	..	272	265	414
Maharastra ..	..	331	389	476*
Mysore ..	..	232	301*	..
Orissa ..	183	208	253	304
Punjab ..	..	357	401	483
Rajasthan ..	..	299	343	336
Uttar Pradesh ..	244	232	257	288
West Bengal ..	289	276	338	361*
India ..	274	283	334	371

N. B.—Provisional at Preliminary*Source*—Different Statistical Bureau and the Central Statistical Organisation

ANNEXURE 3

Inter-State consumer expenditure level (1952-53 and 1963-64)

Sl. No.	State	Monthly <i>per capita</i> consumer expenditure (Rural)	
		1952-53	1963-64
1	2	3	4
1	Orissa ..	15.02	19.45
2	West Bengal ..	26.10	23.73
3	Bihar ..	24.03	21.15
4	Assam ..	24.24	26.27
5	Madhya Pradesh ..	16.40	23.02
6	Uttar Pradesh ..	23.45	21.48
7	Rajasthan ..	23.05	24.68
8	Maharashtra } ..	19.32	21.48
9	Gujarat }		
10	Andhra Pradesh } ..	18.28	20.84
11	Madras }		
12	Mysore ..	20.10	39.92
13	Kerala ..	18.64	20.71
14	All India ..	..	22.41

ANNEXTURE 4

Per capita and per scholar Government expenditure on education during 1959-60

State	<i>Per capita expenditure on education (Rs.)</i>	Rank	<i>Per scholar expenditure on education (Rs.)</i>
1	2	3	4
Maharashtra ..	10·32	1st	79·27
Kerala ..	10·10	2nd	53·88
West Bengal ..	9·16	3rd	83·08
Madras ..	8·43	4th	68·21
Gujrat ..	8·20	5th	62·28
Punjab ..	9·93	6th	79·44
Mysore ..	6·88	7th	58·72
Assam ..	6·34	8th	52·33
Andhra Pradesh ..	6·19	9th	63·58
Madhya Pradesh ..	5·27	10th	70·92
Rajsthan ..	4·92	11th	70·96
Uttar Pradesh ..	4·86	12th	67·14
Bihar ..	4·08	13th	46·25
Orissa ..	3·71	14th	48·71

Source—C. S. O. Abstract, 1962

ANNEXURE—5

States	No. of workers engaged in agriculturals p ecent of total workers (1961)	Net area Sown per Agrl. worker (Figin 1963-64 hecter)	Percentage of gross irrigated to net area sown—1962-63	Percentage of area sown more than one to net area sown (1963-64)	Milage of surface roads per 100 Sq. Km. (1964)	No. of workers per lakh of population in regd. foctories (1963)	Hospital beds per lakh of population (1966)
1	2	3	4	5	6	7	8
Andhra Pradesh ..	61·71	0·89	33·19	11·80	9·96	444	56
Assam ..	68·34	0·66	26·25	17·93	3·17	500	36
Bihar ..	76·84	0·58	25·75	29·29	6·40	346	22
Gujarat ..	68·10	1·66	8·25	5·90	7·29	1336	58
Jammu & Kashmir ..	76·91	0·60	42·12	20·92	1·20	110	63
Kerala ..	38·30	0·94	23·54	21·76	25·12	771	85
Madhya Pradesh ..	79·31	0·12	6·27	1·34	5·80	317	32
Madrass ..	60·49	0·65	54·44	18·56	27·30	699	33
Moharashtra ..	69·91	1·37	7·06	5·50	8·32	1584	27
Mysore ..	67·46	2·55	5·37	2·01	15·65	490	75
Orissa ..	73·83	1·06	19·07	20·73	5·26	220	35
Punjab ..	63·94	1·68	55·65	28·10	9·65	412	70
Rajsthan ..	77·72	1·81	13·77	7·16	4·70	231	56
Uttar Pradesh ..	75·18	0·79	34·11	28·33	7·90	324	40
West Bengal ..	53·80	0·87	25·11	17·40	15·90	1976	87

Source—Statistical Abstract of the Indian Union—1966

ANNEXURE 6

*Number of seats per lakh of Population in the age group
(6-13 & 14-17) 1963-64*

State (1)	Age group	
	(6-13) year (2)	(14-17) year (3)
Andhra Pradesh	.. 0.57	0.01
Assam	.. 0.59	0.21
Bihar	.. 0.42	0.13
Gujarat	.. 0.65	0.17
Jammue & Kashmir	.. 0.49	0.12
Keral	.. 0.94	0.27
Madhyapradesh	.. 0.44	0.09
Madras	.. 0.82	0.18
Maharashtra	.. 0.66	0.19
Mysore	.. 0.70	0.09
Orissa	.. 0.48	0.06
Panjab	.. 0.57	0.15
Rajasthan	.. 0.44	0.09
Uttar Pradesh	.. 0.47	0.10
West Bengai	.. 0.57	0.01
India	.. 0.57	0.14

Source-Selected Educational Statistics issued by Ministry of Education

**II-REVIEW OF THE IMPORTANT PROGRAMMES
IMPLEMENTED IN THE STATE DURING THE
THIRD FIVE YEAR PLAN AND IN THE YEARS
1966-67, 1967-68 AND 1968-69**

Agricultural Production

13.1. During the Third Plan, the object of increasing agricultural production was sought through by extending benefits of irrigation, saturating larger area with improved seeds, increasing consumption of fertilizer and manures, adoption of scientific agricultural practices, improved implements, fuller utilization of local resources besides provision of services, credit, marketing processing facilities, soil conservation, dry farming and reclamation. I. A. D. P. was also introduced in the irrigated areas of Sambalpur district. But the target could not be achieved up to expectation due to unfavourable weather conditions. The achievement is indicated below :—

	Target (1)	Achievement (2)
Food grains (in lakh tons)	56.15	36.72 (50.58 potential)
Oil Seeds (in lakh tons)..	2.00	1.27
S u g a r c a n e (in gur) (in lakh tons).	2.30	2.26
Jute (lakh bales) ..	6.20	2.08

13.2. During the period from 1966-67 to 1968-69, perceptible change on the strategy of agricultural production was brought over by introducing Intensive Agricultural Area programme in the irrigated blocks of the State to increase mainly production of rice and other follow-up crops. In order to further step up production of rice, wheat, maize, and jawar High Yielding Variety Programmes has introduced in the I.A.A.P. and I.A.D.P. areas. The object of I.A.D.P. is to formulate farm plan for each cultivator participating in the programme and to execute the programme the cultivator is supplied with all inputs and credit in adequate quantity. 23 blocks out of 29 blocks have so far been covered under the programme.

13.3. The same programme with little change was extended to the irrigated blocks of other districts Viz:-- Cuttack, Puri, Balasore, Ganjam, Dhenkanal, Phulbani and Bolangir. 100 such blocks were selected for the programme with the main objective to step up production of rice and other follow up crops. So far 86 blocks have been covered in the above districts.

13.4. With a view to achieving quick result in production and to utilise the moisture of the land for other follow-up crops, short duration paddy and wheat was introduced. Recently better strains of high yielding varieties have been evolved and such strains in respect of rice, wheat, maize, and jowar have been introduced in suitable area of the irrigated blocks of I.A.D.P. and I.A.A. areas. Besides the programme has been extended to the non-irrigated areas suitable for such crops. In respect of rice the highest yield recorded has been 175 mds. per acre which is highest in India. Maize, wheat and jowar have not made much headway as that of rice. So far, 60 blocks of I. A. D. P. and I. A. A. P. area have been covered and 15 more such blocks are expected to be covered during the current financial year. The break-up of the area put under the high yielding varieties is given below.

	1966-67			1967-68			1968-69		
	Kharif	Rabi	Total	Kharif	Rabi	Total	Kharif	Rabi	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Paddy ..	36,100	53,700	89,800	84,375	1,29,145	2,13,540	1,98,000	2,66,000	4,64,000
..	..	3,000	3,000	..	9,221	9,211	..	14,000	14,000
	8,600	3,700	12,300	7,517	3,427	10,944	14,000	8,000	22,000
	600	..	600	1,513	435	1,949	4,000	1,000	5,000

13.5. Besides, efforts were made to increase area and production of potato and vegetable, groundnut by introducing (1) Potato and vegetable seed production in suitable areas and (2) Package programme to step up groundnut production in irrigated area of Cuttack, Ganjam and Sambalpur districts.

13.6. Due to natural calamities like drought, the expected target of production has not been achieved. The achievement is indicated below :—

(1)	1966-67		1967-68		1968-69	
	Target (2)	Achievement (3)	Target (4)	Achievement (5)	Target (6)	Achievement (7)
Foodgrain (in lakh tons) ..	53.46	42.34	55.35	42.65	57.42	52.98
Oilseed (in lakh tons) ..	1.90	1.78	2.10	1.84	2.28	2.00
Sugarcane (Gur) .. (in lakh tons)	2.77	1.74	3.12	1.77	3.42	2.00
Jute (in lakh bales) ..	3.82	2.84	*6.92	2.84	*7.92	3.50

*(The targets were fixed on the basis of the recommendation of the Working Group of Government of India, but this was not realistic on the basis of prevailing conditions of the State).

Minor Irrigation

14.1. At the end of the Third Plan, an area of 5.36 lakh acres were brought under Minor Irrigation (Flow) and 0.23 lakh acres under Lift Irrigation Programme, by the end of 1968-69, the area under minor irrigation (both flow and lift) is likely to be increased to 6.95 lakh acres.

Soil Conservation

15.1. The programmes undertaken during the Third Plan period were—Soil Conservation in the Catchment areas of River Valley Projects, Comprehensive Soil Conservation work in the selected water-sheds, introduction of special plantation crops, training of the field staff, special schemes for stream-bank protection, conservation farming and grass land development, expansion of the continuing schemes. i.e., Survey and location of the problem areas and setting up of demonstration centres. By the end of the Third Plan an area of 3,23,788 acres were treated under different soil conservation measures including 2,04,257 acres achieved in the Third Plan. During the annual plan years 1966—68, additional area of 52,159 acres has been treated increasing the total area to 3,75,947 acres out of which 2,73,000 acres related to Soil Conservation in agricultural

lands, 55,000 acres under plantation of trees, 6,500 acres under grass, 8,500 acres under selected crops and the rest under other soil conservation measures. By 1968-69, 711 Junior Soil Conservation Assistants, 97 Graduate Soil Conservation Assistants have been trained in the institutes available in the State besides short course training imparted to officers in selected projects and deputation of officers for specialised training. Useful studies on problems of Soil and water Conservation and un-irrigated farming were also undertaken.

Forest

16.1. During the Third Plan period, an area of about 18,664 hec., was planted with economic species and 9,160 hec., with quick-growing species. Besides 7,696 hec., of degraded forests were rehabilitated and 742 hec., of minor forests were planted with selected species. Under annual plans for 1966-68, the area covered under the above four programmes was 11,286; 7,432; 2,064 and 304 hec., above and in 1968-69 it is proposed to cover 5,000; 3,800; 8,000 and 30 hecs. Also during the Third Plan, 960 K.ms., of forest roads were constructed, 48 K.ms. roads were improved 8,480 K.ms., of forest boundary were demarcated and 3,360 M.ms. of forest area were surveyed. The National Park at Similiguda hill (Mayurbhanj district), Biological Park at Barang (Cuttack district) and the eight sanctuaries at different places established during the past plan period have become very popular. These require to be developed properly in order to attract the Tourists. The total quantity of timber removed from the forests on an average was about 2,23,34,00 Cft.

Fisheries

17.1. The total fish production achieved by the end of the Third Plan was approximately 29,300 tons.

17.2. During the Third Plan period, a pilot scheme for power fishing in sea was implemented with 25 power boats and approximately 1,900 tons of fish were landed. An attempt was made to utilise the un-economical varieties of fish by establishing pilot By-products plant near the Paradeep Port where canning of fish was also taken up. Assistance to private marine fishermen was also given and approximately 900 tons of fish were produced from this source. Due to want of landing, berthing and services facilities and

suitable technical hands to operate the trawlers, the marine fishing programme could not be implemented smoothly although enough scope for its development was available. During the annual plan period of 1966—69, 23 more power boats have been introduced.

17.3. The inland fisheries programme has gained considerable popularity. During the Third Plan period 46.13 crores of spawn were collected and cultivated in nurseries and 88.55 lakhs of fry and fingerlings were raised and stocked in water areas for fish production. 800 acres of water areas comprising mainly minor irrigation reservoirs were remodelled to make them suitable for pisciculture which may yield 40 million tons of fish annually during the Fourth Plan period. During the three annual plan period, the programme for collection of spawn from natural sources was intensified and 50 crores of spawn were collected out of which 25 crores have been collected during the year 1968-69.

Animal Husbandry & Dairying Milk & Supply

18.1. Intensive Cattle Development Programme is the important programme under this head. This is some sort of package of practices which required concerted efforts on all aspects. One Intensive Cattle Development Block was started under the Crash Programme during the Third Plan and it also continued in the years 1966-67, 1967-68 and 1968-69. Under the Key Village Scheme, 13 Key Village Blocks with 10 units each were continuing by the end of Third Plan. During 1966-67, 4 Blocks with 10 units each were opened. In the meantime, 4 units at the rate of 2 units for each Block have been opened under the expansion programme. By the end of 1968-69, 286 Artificial Insemination Centres would function. One Block with 6 Centres for Hill Cattle Development have already started functioning in the district of Koraput. Two State Live-Stock Breeding Farms at Chiplima and at Kuanmunda have been established. For development of sheep for purposes of mutton, a farm has since been established at Chiplima. For providing feed and fodder to the live-stock, small organization units in the Key Village and Intensive Cattle Development areas have been opened. Two small piggery development units have been established, one at Bhanjanagar and the other at Chiplima. Intensive Egg-cum-Poultry Production Centres at Cuttack, Bhubaneswar and Rourkela have been started. State Poultry Farm at Angul and Similiguda have also been expanded.

18.2. In order to control diseases, 312 Veterinary Dispensaries at the end of Third Plan and 29 more in the years 1966-67 and 1967-68 have been established. Post-graduate education in Veterinary Science has already been started in the University of Agriculture & Veterinary Science. Officers are also being deputed for research studies and further training in this direction.

18.3. Two Milk Supply Schemes started functioning at the end of Third Plan. One is Pilot Scheme for Collection and marketing of milk at Dhenkanal and the other is Cuttack Milk Union Scheme. Steps were also taken to expand the existing dairies.

Co-operation

19.1. During the Third Plan, the investment of short-term and medium-term loan was of the order of Rs. 14.21 crores and that of long-term was Rs. 2.71 crores as against the target of Rs. 15 crores respectively. During 1966-67 and 1967-68 the investment of short and medium-term loan has gone upto Rs. 19 crores and that of long-term loan to Rs. 4.00 crores. It is expected that during 1968-69 the short and medium-term investment may increase to Rs. 21 crores. 5,062 Credit Societies have been in existence by the end of 1967 with a member-ship of 14,00,000. The target for the Third Plan to cover 37 Primary Land Mortgage Banks was achieved and by 1967-68, the number of Primary Land Mortgage Bank has been increased to 53. By 1967-68, 53 Regional Marketing Co-operative Societies have also been organized. These have been located mostly at important mandi centres of the State. There are still 17 important mandies where Organisation of such Marketing Societies is necessary. By end of Third Plan 45 units of Rice-cum-Oil Mills were sanctioned out of which 6 Units have already been commissioned and 10 units are nearing completion. Out of the 13 co-operative Cold Storages decided to be set up by end of 1967-68, seven Cold Storages have already been commissioned. One more unit is likely to catch the next potato season and the other units are in various stages of installation. Two Sugar Factories have received licence one at Aska and the other at Bargarh. The unit at Aska has already been commissioned. The Bargarh sugar factory has already been given a share capital of Rs. 24 lakhs against the target of giving Rs. 35 lakhs. By the end of Third Plan

7 Pilot Projects each consisting of 10 Co-operative Farming Societies and 35 Farming Societies outside the Pilot Projects have been organised and financed as against the target of organising 13 Pilot Project each consisting of 10 Co-operative Farming Societies and 55 Co-operative Farming Societies outside the Pilot Project. During 1966-67 five more Co-operative Farming Societies have also been established-under the Consumers Co-operative (urban) Scheme, eight wholesale Co-operative Societies stores have been started so far. For distribution of Consumer goods in rural areas, 47 R. M. Cs. have been given managerial subsidy @ Rs. 5,000 each by 1967-68. At the end of the Third Plan, 296 L. C. C. S., have been registered as against the target of 250.

Ware-Housing And Marketing

20.1. By the end of 1966-67, 30 markets have been brought under regulation (i.e., 14 in the Second Plan, 12 in the Third Plan and 4 in 1966-67) out of 70 Assembling Points in the State and six grading units in the regulated markets have been established besides ten such units opened in the Co-operative Marketing Societies. To popularise and facilitate sale of Agmark products in the urban areas, one Agmark Emporium has also been established at Bhubaneswar under the Orissa State Co-operative Marketing Society. For analysis and test check of samples, a State Grading Laboratory was set up at Bhubaneswar, but significant result could not be achieved for want of trained personnel. By end of 1968-69, 15 Inspectors of Co-operative Department have been given training in market regulation and five in grading. 12 ware-housing in important mandies of the State have been set up by the State Ware-housing Corporation. 35 Centres have so far been covered for collection of market intelligence.

Community Development:

21.1. By the end of the Third Plan period, there were 147 Stage I Blocks, 139 Stage II Blocks, 28 post stage II Blocks bringing the total number of blocks to 314. On account of redelimitation of Boriguma block of Koraput district there is a proposal for one more Block which will bring the total number of Blocks to 315. The total expenditure under this head during the Third Plan was Rs. 17.67 crores.

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21.2. Under the well construction programme an expenditure of Rs. 18.00 lakhs was made in 1965-66, Rs. 17 lakhs in 1966-67 and Rs. 12.00 lakhs in 1967-68.

21.3. Under the Rural Manpower Programme, 45 Blocks were allotted to Orissa during the Third Plan period. The expenditure incurred during the Third Plan was reckoned at Rs. 94.78 lakhs resulting in generation of Rs. 38.48 lakhs man-days employment.

21.4. By end of Third Plan 74 Blocks were covered under the A.N.P. 22 more blocks were taken up in 1966-67 and 1967-68.

Panchayats

22.1. At the end of the Third Plan period, 2,350 Grama Panchayats covering a population of 136 lakhs in about 48,000 villages were constituted. As a result of reorganisation on the basis of reduced population coverage, 3,829 Grama Panchayats have been constituted covering a population of 16,439,098 in 50,300 villages. Government assistance had been given to the Panchayats in the form of loan for remunerative works and in form of grants for remunerative works undertaken by them. Storage and graingola facilities were also provided.

Major and medium Irrigation

23.1. During the Third Plan period two Major Irrigation Projects Mahanadi Delta and Salandi and 6 major medium irrigation projects, namely, Salia, Salki, Budhabudhiani, Ghodahado, Dhanei and Darjang Projects which were carried over from second Plan period, continued. Some expenditure on the Hirakud Stage I Project which was completed by the end of Second Plan was also incurred for clearing the liability arising out of compensation from lands and arrear payments, etc. Besides the above two new medium irrigation projects, namely Bahuda State I and Hiradharbati Projects were taken up in the Third Plan. At the end of the Third Plan a gross irrigation potential of 12.20 lakh acres (gross) was created including an area of 2 lakh acres under Mahanadi Delta Project existed prior to the 1st Plan period. Out of this potential, 10.20 lakh acres (gross) were actually brought under irrigation. During the year 1967-68 another new

project, namely the Pitamahal Project has been taken up for execution. By the end of 1968-69 these projects are likely to bring under irrigation an area of about 15.77 lakh acres. Besides 2 lakh acres are also likely to be irrigated by pre-plan projects such as Rushikulya system, Baitarani System and Baldia Project. Taking into account an area of about 6.95 lakh acres irrigated by minor irrigation projects, the total irrigated area in this State will be about 25.24 lakh acres (gross) by the end of 1968-69 out of which 19.10 lakh areas are net area. This works out to about 13 per cent of the total cultivated area of the State (14,80,0000 acres) as against the all-India average of 22 per cent achieved at the end of 1966-67. The revised estimated cost of the continuing major and medium irrigation projects is Rs. 131.10 crores against which the anticipated expenditure at the end of 1968-69 is likely to be of the order of Rs. 1,19.54 crores. On completion, all these projects will irrigate a gross area of 36.67 lakh acres approximately i.e., 28.61 lakh Khariff and 13.15 lakh acres Rabi. The Salandi Project is scheduled to be completed by June 1969. All important structures under the Delta Project have been completed. Main canal and branches are also nearing completion. Work is now going on Distribution, Minors and Sub-minor. The project is likely to be completed by 1970-71. Out of nine medium irrigation projects, work on Budhabudhiani, Dhanei and Hiradharbati projects are almost complete. The Saliki project has been completed by 1966-67, but the extension work to bring an additional of 9000 acres is now under progress. This is expected to be completed by 1969-70. The Salia and Darjang projects are also expected to be completed by 1969-70. The other two projects Godahado and Bahuda Stage I will be completed in 1970-71. The work on Pitamahal project has not yet been started in full swing.

Flood Control

24.1. On the recommendations of the Flood Enquiry Committee, a comprehensive master plan has been drawn up for the State at an estimated cost of Rs. 30 crores. During the Third Plan, a sum of Rs. 2.94 crores was spent on Flood Control Schemes and in subsequent three years (1966-67 to 1968-69) the expenditure is anticipated to be Rs. 1.14 crores. About 437 Flood Control Schemes have been taken up since the First Plan period at an estimated

cost of about Rs. 10 crores. By end of 1967-68 about Rs. 5 crores has been spent on these works, but most of them have remained in-complete on account of in-adequate allotment of funds.

Power

25.1. Since the beginning of the First Plan considerable progress has been made in generation of power in Orissa. At the end of 1950, the installed capacity was 4.6 M.W. in public utility power stations and about 5 M.W. in industry owned power stations. By the end of Second Plan, the installed capacity increased to about 260 M.W. of which about 172 M.W. was in public utilities. At the end of 1960-61 Orissa's share in the country installed capacity and generation went up to 3.6 per cent from 0.27 per cent in 1950. At the end of the Third Plan the installed capacity was 310 M.W. Talcher Thermal Plant and the Balimela Hydro-Electric Project are the two important projects in this sector. With the completion of these two projects additional installed capacity of 610 M.W. (i.e., 250 M.W. from Talcher Thermal and 360 M.W. from Balimela project) would be created. Two units of Talcher Thermal Project with 62.5 M.W. each have already been commissioned. Attempt is also being made to commission the remaining two Units of this project during 1968-69. Thus at the end of 1968-69, the installed capacity will be increased to 560 M.W. The progress on Balimela project is being accelerated. Inadequacy of earth moving-machinery and non-availability of sufficient funds for the project are the main bottlenecks impeding the progress of the work. Even though satisfactory progress was made in the matter of installation of additional generating capacities and consequential average generation during the first three plans and in subsequent three years, the transmission facilities created so far have not been adequate owing to financial constraint.

25.2. While in the first two Plans Rural Electrification was directed towards electrification of small towns and villages, the emphasis was subsequently shifted in the Third Plan to Agriculture development programmes. At the end of Third Plan, the number of villages electrified was 596 and it went upto 821 at the end of 1967-68 (out of 46,466 villages in the State). The percentage of villages electrified in Orissa by end of 1967-68 was 1.63 as against the all India average of 10 per cent. The progress has been slow due to

inadequacy of funds and geographical location and composition of villages. Under this programme, priority has been given to energisation of lift irrigation points to accelerate agricultural production programmes. By end of 1967-68, 432 Lift Irrigation pump sets were energised with a total H.P. capacity of 4550.

Large & Medium Industries

26.1. In order to encourage the growth of industries in the State, the Industrial Development Corporation, Ltd., Orissa was set up in March, 1962. The Corporation started its business from May 1962 and it has taken up the following project.

Name of the Project (1)	Capacity on completion (2)
1. Hirakud Industrial Works.	..
2. Kalinga Iron Works ..	Pig iron—1,00,000 tonnes per annum. Power—12 M. W.
3. Cement Factory ..	Port land Cement—3,96,000 tonnes per annum.
4. Cable Project ..	A. A. C. & A. C. S. R.—3,000 tonnes per annum. Paper and Cotten covered strips and Wires—300 tonnes wires per annum. Enamelled winding wire—300 tonnes per annum.
5. Rolling Mill ..	Roads, Flats, Squares, Bars, Rounds, Light structures and wire rods—15000 tonnes per annum.
6. Tile Factory ..	Roofing, Flooring and other tiles—48,00,000 per annum.
7. Ferrochrome Project ..	Low carbon Ferro-chromium—10,000 tonnes per annum.
8. Salt Project (Subsequently taken up by a Subsidiary Company).	Industrial grade and edible salt—1,50,000 tonnes per annum.

The Corporation purchased two units one from Government i. e. Hirakud Industrial Works and another from Kalinga Industries Ltd., i.e. Kalinga Iron Works. These

are running units. The capacity of Hirakud Industrial Works was 300 tonnes of Fabrication etc., on single shift basis and miscellaneous jobs undertaken in the workshop was about 50 tonnes a day. Expansion programme of the unit was taken up by the Industrial Development Corporation. The rated capacity of Kaling Iron Works was 30,000 tonnes of Pig Iron per annum and the expansion of the unit was taken up by the Corporation. The construction and erection of machinery of the Cement Project, Cable Project, Rerolling Mill and Tile Factory were in progress during the Third Plan period. The Cement Project has been commissioned since November, 1967 and various items of works are still to be completed. The Aluminium Section of the Cable Project has been commissioned from November, 1967 and various other installation works are yet to be completed. The Rerolling Mill has also started trial run. The Tile Factory had gone into production since March, 1966. The construction and erection of the Ferro-chrome project is under progress and it is expected to start production in 1969-70. The Salt Factory has started production on regular scale since May, 1967.

Establishment of Developed Area

26.2. With the establishment of the Steel Plant at Rourkela, the deep Port at Paradeep, the Aeroengine Factory at Sunabeda, the Thermal Power Station at Talcher and the Ferro-chrome Project at Jajpur Road, immense potentialities for industrial development have been created. Proper and balanced development of these areas are therefore necessary. The State Government have launched a scheme under which suitable blocks of land covering extensive areas measuring a few hundred acres have been selected in close proximity of the public sector projects. In selecting the areas, their nearness to the source of water, availability of power and communication etc., have been taken into consideration. These selected areas will be provided with roads, water and electricity supplies and other amenities which are essential for smooth running of industries and after the areas are so developed they will be divided into plots and leased out on long term lease basis to selected entrepreneurs on suitable terms. Under the scheme as above, already some work has been started at Rourkela, Paradeep, Jajpur Road and Sunabeda. Suitable areas of

adequate acreage have already been selected at the above named places. An area of 843 acres of land selected at Rourkela is under the process of acquisition.

Mineral Development

27-1. Orissa has abundant mineral resources. A small beginning was made in the Second Plan for exploitation of the mineral deposit in the State. The Orissa Mining Corporation which was set up in 1956 and was re-organized during the Third Plan period has been working a number of mines in the State. It took up the exploitation of iron ore deposits of Daitary area to supply iron ore for export through Paradeep Port. It has also taken up exploitation of limestone deposits of Dungri areas for supplying raw materials to the Cement Factory put up at Bargarh by the I.D.C. The corporation also continued to work three Chromite mines in Kalarangi, Maulabhanj and Kamarda, four iron ore mines at Khandabandha, Khandadhar, Bansapani and Gandhamardan, and one Manganise mine at Uliburu. Through investigation several new deposits of important ores and minerals notably bauxite, limestone, dolomite, vondaferous, magnetite, iron ore, fireclay, quartzite, china-clay, graphite, tec., have been found in several parts of the State in the last few years. Production of iron ore, chromite, manganese, liestone during 1967 reached 5400000 tonnes, 109535 tonnes, 503000 tonnes, 2100000 tonnes respectively.

Village & Small Scale Industries

28-1. Small-Scale industries:- Industrial concerns and private parties had been given loans on liberised terms and conditions under the State-aid to Industrial Act for establishing new industries. Loans amounting to Rs. 21.42 lakhs were advanced during the Third Plan, Rs. 2.50 lakhs in 1966-67 and Rs. 0.90 lakh in 1967--68. In 1968-69, a provision of Rs. 7.50 lakhs exists. Share capital loan of Rs. 3.66 lakhs and working capital loans of Rs. 2.09 lakhs were given respectively to 69 units and 6 units of Industrial Co-operatives during the period 1962-63 to 1966-67. A small provision exists during the current year for the purpose. The Small-Scale Industries had been supplied with their requirement of raw materials through Agro and mall Industries Corporation set up in 1961. This Corporation was also entrusted with certain works of un-remunerative

nature such as establishment and management of Panchayat industries on commission basis. Government investment made in this Corporation so far is Rs. 74.40 lakhs. 116 Units of panchayat Industries have so far gone into production out of 143 such units sanctioned. The pattery Development Centre at Jharsuguda has been reorganised to manufacture insulators and declared as a Commercial Unit. The Centre has made substantial progress in saleside by securing orders from other States.

28.2. A State Purchasing Organisation has been created for exclusive purchase of stores from Government sponsored industries and supplying the same to Government departments and Corporations according to demand.

28.3. By end of the Third Plan, 10 Industrial Estates were constructed at Cuttack, Jagatpur, Kendrapara, Takatpur, Dhenkanal, Sambalpur, Jharsuguda, Rourkela, Berhampur and Parlakhimedi consisting of 189 sheds (A⁷ Type-74, 'B' type 64, 'C' type 49 and special type 2) out of which 163 numbers of sheds were occupied by industrial concerns. Besides, 102 units of Rural Industrial Estates have also been constructed for accommodation of small factories, Panchayat Samiti Industries etc.

28.4. Under Handicrafts programme, 44 Co-operative Societies of Brass and Bell Metal Industries with a membership of 2,000 have so far been established and necessary financial assistance has been given. These Co-operatives are making good profits. The consolidated production and sale proceeds of these co-operatives have increased from Rs. 6.5 lakhs and Rs. 6 lakhs during 1951-52 to Rs. 36.5 lakhs and Rs. 36 lakhs respectively in 1965-66. Besides the Co-operatives dealing in Silver Filigree works, horn and ivory works, applique, stone carving, toymaking etc. have been encouraged. The Orissa Co-operative Handicrafts Corporation has been set up to serve as an apex institution mainly for marketing handicrafts. Handicrafts Emporium manned by the Corporation has been established at Cuttack, Bhubaneswar, Rourkela and New Delhi.

28.5. By end of Third Plan, 4 Co-operatives were functioning to utilise the available coir for commercial use. During the Third Plan 2 Training-cum-production Centres were opened. Financial assistance like working capital loan, share capital loan and subsidy was given to them.

28.6. Work relating to the Co-operative Spinning Mill is in progress. Construction of building have almost been completed, plants and machinery have been received, installation of machines and electrification have already been made. The mill is expected to go into production in phases starting with 2,000 spindles in about two months.

28.7. Eight Powerloom Societies were organised and the 5 looms at Madhunagar, Chhatiabata, Berhampur, Aska and Ramnagar started working. Of these five, two Powerloom Weavers Co-operative Societies at Aska and Chhatiabata stopped working for shortage of funds.

28.8. Two Tassar Seed Sub-stations, one Eri Seed Sub-station and one Tassar Rearing and Spinning Centre have been established and commenced production. One more Tassar Seed Sub-station is likely to be established in 1968-69.

Roads

29.1. During the Third Plan period 724 miles of existing roads had been improved and 50 miles of new roads and 110 bridges had been constructed. Efforts were made in making a large number of bridges completed with a view to making long mileage of all weather. So far 2,886 miles of State P. W. D. roads are all weather roads out of the total mileage of 5,818 miles of higher category available in the State. Besides, there are 8,415 miles of village roads in this State which are all katcha and fair-weather roads, Steps were taken so far to improve the rural roads as far as possible within available resources. In the field of transport and communication the important achievements are the construction of Paradeep Port and Expressway which is meant to link the port with the mining areas of the State. Much attention has been paid so far on the construction of the Expressway and it is expected to be completed in all respect by October, 1968. Besides the above 152 miles of roads under Municipalities and Notified Area Councils were developed during the Third Plan period. During 1966-67 and 1967-68, 62 miles of roads in Municipalities areas have also been developed.

Road Transport

30.1. Road Transport Programme was outside the State Plan during the Third Plan period. During 1966-67, the programme was included in the State Plan and expenditure of Rs. 33.17 lakhs was incurred. 47 new buses and

some tools and plants for work-shops were purchased, construction of certain rest sheds was taken up and certain amenities for passengers and staff were provided. Seven new routes were taken over besides extending service in five existing routes. During 1967-68, seven new routes were taken over and two new vehicles were purchased with an expenditure of Rs. 27 lakhs. During 1968-69, a provision of Rs. 24 lakhs exists under this programme. 6 new routes Rs. 24 lakhs exists under this programme. 6 new routes will be taken over and bus service will be intensified during this year. 20 new Buses will also be purchased.

Ore Transport

31.1. The Orissa State Commercial Transport Corporation Ltd., was constituted to organise a fleet of special type of vehicles capable of carrying 1.5 to 2 million tonnes of iron ore traffic to Paradeep Port for purposes of export. The initial capital outlay provided in the Third Plan was Rs. 2 crores, but as a decision could not be taken about the type of the Vehicles to be purchased, the Corporation acquired only a few conventional trucks for doing some limited transport work. It was towards the end of the Third Plan period that a decision was taken about the type of vehicles to be purchased. Consistent with this decision, 93 numbers of Mitsubishi Japanese Tractors have been acquired and orders for 50 numbers Australian trailer together with 60 numbers tura-tables have been placed. The question of placing orders for 38 numbers more trailers is under consideration of Government.

31.2. The Corporation has also built up a township of its own at Baliparvat area together with workshop facilities for the maintenance repair of the vehicle. The Corporation is at present doing transport work on behalf of the Minerals and Metals Trading Corporation of India Ltd., on a contract basis. The actual business of the Corporation which is consisted of moving 1.5 to 2 million tonnes of iron ore from Daitari Mines will commence as soon as the required number of trailers are acquired and the Expressway construction as well as the mechanisation of Daitari mines are completed.

Tourism

32.1. Construction of two Bungalows one at Rambha and the other at Konark under the Part II Scheme was started towards the end of the Third Plan period. The

Bungalow at Konark has already been completed in all respect and it is going to be commissioned during September, 1968. The Bungalow at Rambha is expected to be completed by the end of October, 1968. The work of expansion of the Tourist Bungalow at Puri was also taken up during this period. During 1966-67, the expansion work of the Puri Tourist Bungalow was completed and the extended portion was made available for occupation of Tourists. One Delux Bus was also purchased during this year for introducing conducted tour round the triangle of Puri Bhubaneswar-Konark. During 1967-68, the State Government participated in the International Tourist Fair at Bombay and won the third prize. I.T.Y. week was celebrated in the State in a befitting manner. Cultural shows were organised in Puri and Bhubaneswar for the Tourist. One Cabin launch was purchased from the Government of India to introduce sight-seeing in Chilika Lake. During 1968-69, staff quarters, garriages etc., are being taken up in the Tourist Bungalows at Rambha, Konark, Puri and Bhubaneswar. Besides the expansion programme of the Tourist Bungalow at Bhubaneswar is being taken up. During the Third Plan and in the subsequent Annual Plans, the strength of the Tourist vehicles has also been increased.

General Education

33.1. According to 1961 census percentage of literate persons in Orissa was 21.7 as against 24 per cent for India as a whole. The literacy percentage among male population was 34.7. in 1961 census compared to 34.4 in India as a whole.

33.2. At the end of the Third Plan period the achievement of enrolment in age group 6—11 was 17.53 lakhs out of which the number of boys was 11.52 lakhs and that of girls was 6.01 lakhs. This constituted 71.4 per cent of enrolment in the age group 6—11 against the Third Plan target of 75 per cent, the percentage of enrolment of boys being 93.8 and of girls being 49.

33.3. In the age group 11—14, the actual enrolment of students at the end of the Third Plan was 2.52 lakhs out of which the number of girls was 44,890. This constituted 23.3 percentage of the enrolment in the age group 11—14 out of which the percentage of the boys was 20.9 and girls

7-1. The short fall was due to the fact the enrolment in the backward districts of Bolangir, Koraput, Kalahandi and Phulbani lagged behind the required expectation, as the people of all these districts depend partly on their children for the livelihood of the family.

33-4. The achievement of enrolment of students in the age group 14—17 was 1.01 lakhs at the end of the Third Plan out of which the number of girls was 11,288.

33-5. By the end of the year 1968-69, it is expected that the total enrolment of students in the age group 6—11, 11—14 and 14—17 would be 19—57 lakhs, 3.59 lakhs and 2.14 lakhs respectively.

33-6. At the end of the Third Five-Year Plan the total number of Primary Schools in this State was 25,022 including 3,166 Primary Schools opened during the Third Five-Year Plan and the number is expected to be increased to 26,022 by the end of 1968-69. The number of teachers in the Primary Schools at the end of 1968-69 would be 53,318.

33-7. By 1968-69, the number of higher primary schools (Class VI-VII) is expected to be 4,000 and the number of teachers in those schools would be 14,648.

33-8. The number of Secondary Schools and the number of teachers in those schools by the end of 1968-69 would be 900 and 11,800 respectively.

33-9. Till recently the State had only one University which was established during the Pre-Plan period had grown enormously with a total of 25,000 students on the rolls of the colleges affiliated to it at the end of 1966-67. Therefore, the need for establishment of new University in this State had been keenly felt. Two new Universities at Berhampur and Sambalpur have been opened during January, 1967. By the end of 1968-69, the enrolment of students in colleges would be about 31,000.

Technical Education

34-1. A great impetus had been given to Technical Education in the last three Plans as shortage of engineers and diploma-holders was keenly felt. There was no Engineering College in the State. Therefore, two Engineering

Colleges were established, one during the Second Plan and another in the Third Plan. The intake capacity of these two colleges was 520 at the end of the Third Plan. Prior to the First Plan, there was only one Engineering School in the State. During the last three Plan periods, 4 new engineering schools, one mining school, one technical school and two polytechnics were established. With the starting of these Colleges and Schools, the problem of shortage of technical personnel has been solved. During the years 1968-69, no addition to these institutions has been made. But greater attention has been given to raise the standard of the institutions by providing the equipments, machineries, etc.

Health

35.1. The efforts made in the First and Second Plan periods to improve the health conditions of the people were almost negligible viewed against the need that existed in this sphere. In the Third Five-Year Plan emphasis was laid on eradication of malaria and small-pox, provision of integrated services to the communities through establishment of Primary Health Centres, augmentation of medical education and training and Family Planning Programmes. By implementation of these programmes, there has been marked improvement in the Health conditions of the people.

35.2. The number of Allopathic hospitals and dispensaries at the end of the Third Five-Year Plan was 383 (72 Urban and 311 Rural) as against the total of 365 existing in 1951. Besides, the number of Ayurvedic hospitals and dispensaries was increased to 113 at the end of the Third Plan against 83 existing in 1951. These hospitals and dispensaries were continued during the year 1968-69. The hospital beds were raised to 7,374 during the Third Plan period from 4,690 available at the end of Second Plan. The number of beds is expected to be further increased to 7,529 by the end of 1968-69. At the end of the Second Plan, 111 Primary Health Centres were in position. During Third Five-Year Plan, 140 additional Primary Health Centres were opened making a total of 251. By the end of 1968-69, 314 Primary Health Centres are expected to be opened at the rate of one for each Block. 99 Maternity Home had also been established by the end of the Third Five-Year Plan. By the end of 1968-69 the total number of Maternity and Child Welfare Centres along with Maternity Centres is likely to be 176. During the Third Five-Year Plan period special attention had been given for

education and training of medical personnel. The third medical college was established at Berhampur during the Third Plan and Post-Graduate facilities were provided in the S. C. B. Medical College. The annual admission capacity of three medical colleges is now 400. Number of Nurses, Mid-wives, Dhais, Health Visitors and Pharmacists were also increased to considerable extent and necessary training was imparted to them. 4 Institutions for training for Nurses and 7 Institutions for training of Auxiliary Nurses and Mid-wives were opened by the end of Third Plan. The number of T. B. Clinics, Leprosy Control Units, V. D. Clinics, and Filarial Units were 13, 5, 11 and 5 respectively at the end of the Third Plan and by end of 1968-69 the number of Leprosy Control Units will be increased to 8, V. D. Clinics to 13. By end of 1967-68, 13.35 Malaria Control Units under eradication phase and 1.65 units under the maintenance phase were continuing. Work on the Family Planning Programme has been intensified.

Water Supply

36.1. During the Third Five-Year Plan period, 19 Urban Water-Supply Schemes including 9 schemes carried over from the Second Five-Year Plan were taken up. Out of these, only 2 schemes were completed during the Third Plan period. Work on some of the incomplete schemes was continued under the annual plans 1966-67. The Piped Water-Supply Programme (Rural) was taken up in 88 villages out of which 40 schemes were completed in the Third Plan. By the end of 1968-69 the programme is expected to cover 101 villages of the State.

Housing

37.1. Under S. I. H. and L. I. G. H. schemes, 2,903 and 3,160 houses were sanctioned by end of 1967-68 against which 2,370 and 1,791 houses were completed by that time, under the Village Housing Project Scheme. Loan assistance to the tune of Rs. 61.73 lakhs was given to villagers by end of 1967-68 to construct their houses. Up to 1966-67, 1,983 houses have been completed against 3,843 houses sanctioned under this scheme. A Housing Board has been recently set up in the State during 1968-69. Some incomplete houses will be completed and construction of some new houses will be taken up. Under the Slum Clearance Scheme which is executed through local bodies, 695 tenements were constructed up to end of 1967-68.

Welfare Of Backward Classes

38.1. The percentage of Scheduled Tribes and Scheduled Castes population to the total population of the State is estimated at 24.06 and 15.74 respectively. The Scheduled Tribes and Scheduled Castes taken together constitutes about 40 per cent of the total population. Under the plan, efforts had been made mainly to improve their educational and Social status and uplift the economic condition. 28 High Schools, 87 Madhyamika Vidyalayas, 6 Residential Sevashrams, 1,185 Sevashrams, 1 Comprehensive School and 734 hostels have so far been opened for the Scheduled Castes and Scheduled Tribes. Schemes like settlement shifting cultivators, subsidy for cottage industries, lac cultivation, tussar rearing, poultry rearing, piggery and goat breeding, pisciculture, graingola and rural communication were implemented during the First three Plan period. Of them, the schemes of lac cultivation, tussar rearing pisciculture and Graingolla have not proved beneficial to the tribals in comparison to the investment made. The colonies established i.e., for settlement of 'A' category of tribes did not attract the tribes as in most cases the colonies were established without taking into account the irrigation potentialities. In order to improve the health and housing facilities, Leprosy and T. B. Control aid was given to non-official organisations, Anti-yaws Campaign was started, allopathic dispensaries, hospitals and mobile health units had been established. Besides legal aid, subsidy for housing, electrification of adivasi and harijan villages and institutions, etc., were also undertaken.

Craftsman Training

39.1. By end of 1967-68, 10 Industrial Training Institutes have been established in the State with the total admission capacity of 3,740 seats out of which 2,829 seats introduced up to Third Plan. With the advance of technology and lack of employment opportunities, some trades like Carpentry, Blacksmith, Moulding Pattern maker, etc., have become unpopular for which many seats in the existing I. T. Is. remained vacant.

Financial Achievement

40.1. The Expenditure incurred under different heads of development during the Third Five-Year Plan and in the years 1966-67, 1967-68 and the outlay for 1968-69 is indicated below :—

(Rs. in lakhs)

Head of Development	Expenditure			Outlay 1968-69	Total 1966 to 1968
	Third Plan	1966-67	1967-68 anti- cipated		
1	2	3	4	5	6
1. Agricultural production.	707.00	195.10	240.96	247.36	683.42
2. Land Development.					
3. Ayacut Development.	..	..	2.60	3.00	5.60
4. Minor Irrigation..	617.92	260.53	235.25	90.00	585.78
5. Soil Conservation	93.66	19.01	24.60	14.87	58.48
6. Animal Husbandry.	337.82	56.71	82.54	44.05	190.43
7. Dairying & Milk supply.		1.18		5.95	
8. Forests ..	232.00	61.00	68.00	50.00	179.00
9. Fisheries ..	197.65	33.55	36.20	25.00	94.75
10. Warehousing and Marketing.	9.37	4.40	3.07	2.00	9.47
Total ..	2,195.42	631.48	693.22	482.23	1,806.93

Head of Development	Expenditure			Outlay 1968-69	Total 1966-68
	Third plan	1966-67	1967-68 anticipa- ted		
1	2	3	4	5	6
11. Co-operation ..	237·00	70·51	76·50	41·98	188·99
12. Community Deve- lopment.	1,767·37	248·54	209·50	100·00	558·04
13. Panchayat ..	33·87	1·68	3·17	5·08	9·98
Total ..	2,038·24	320·73	289·17	147·06	756·96
14. Irrigation ..	2,622·00	739·35	710·50	444·00	1,893·85
15. Flood Control ..	293·00	44·16	45·00	25·00	114·16
16. Power ..	5,171·00	1,152·08	1,111·23	665·00	2,928·31
Total ..	8,086·00	1,935·59	1866·73	1,134·00	4,936·32
17. Large & Medium Industries.	1,216·00	233·00	307·90	290·00	830·90
18. Mineral Develop- ment.	379·00	204·80	141·78	105·00	451·58
19. Village & Small Industry.	431·00	56·14	71·40	61·85	189·39
Total ..	2,026·00	493·94	521·08	456·85	1,471·87
20. Roads ..	2,113·00	482·79	514·67	250·00	1,247·46
21. Road Transport ..	..	33·17	27·00	24·00	84·17
22. Ports & Harbour ..	1,647·00	..	..	..	..
23. Ore Transport ..	79·00	239·00	112·50	105·00	456·50
24. Tourism ..	7·00	0·95	6·00	3·00	9·95
Total ..	3,846·00	755·91	660·17	382·00	1,798·08

Head of Development	Expenditure			Outlay 1968-69	Total 1966-68
	Third plan	1966-67	1967-68 anticipa- ted		
1	2	3	4	5	6
25. General Education	1,427.45	108.94	216.00	224.00	548.94
26. Technical Education	312.53	37.32	32.30	22.00	91.62
27. Cultural Programme	21.26	4.71	14.89	6.25	25.85
28. Health ..	1,223.00	202.88	231.30	179.94	614.12
29. Water Supply ..	267.20	60.00	63.00	50.00	173.00
30. Housing	162.19	27.97	20.78	12.00	92.65
31. Urban Development			23.84	8.06	
32. Welfare of Back- ward Classes.	371.43	56.60	56.70	45.00	158.30
33. Social welfare ..	11.00	1.37	2.70	3.00	7.07
34. Craftsmen Training and Labour Welfare	61.93 9.71	10.01	14.89	7.46 2.97	35.33
35. Public Co-operation	2.00	0.22	0.21	0.29	0.72
Total ..	3,869.70	508.02	676.61	560.97	1,745.60
36. Statistics .	29.00	0.82	7.20	2.69	10.73
37. Publicity ..	32.00	4.78	6.30	5.20	16.28
38. Capital Projects ..	322.00	48.06	90.00	17.00	155.06
39. Evaluation ..	..	..	0.03	0.45	0.48
40. Government Press..	26.00	6.31	9.00	7.00	22.31
Total ..	409.00	59.97	112.53	32.34	204.86
Grand Total	22,470.36	4,705.64	4,819.51	3,195.45	12,720.62

CHAPTER III

41-1. In Chapter I, We have given a glimpse of the average. The Government of Orissa would like to take this indicated in brief, the extent of the utilisation of these resources and the standard of living attained by the people. It would be clear from the discussions and analysis in the preceding Chapters that the most striking features of the economy of Orissa are—(i) rich natural resources and (ii) extreme poverty of the people.

41-2. After 17 years of planned development and repeated reiteration of the accepted principle of reducing the regional disparities, Orissa continues to present a picture of abundant opportunities of profitable investment on the one hand and a pressing need for raising the levels of living of the people on the other. The strategy for planning in Orissa has to be to draw up programmes of development based on available natural resources and to ensure the People's participation in their implementation. The nature of the raw materials and the back-log in provision of infra-structural facilities and social services is such that for an economic break-through in Orissa, heavy investment is bound to be required.

41-3. In the preliminary memorandum placed before the Planning Commission in 1965, the Government of Orissa had emphasized the need to have a unified and integrated approach towards plan formulation and implementation to ensure a programme of development which will raise the *per capita* income to a level of parity with the all India average. The Government of Orissa would like to take this opportunity to stress once again that a total investment plan (Centre, State and Private Sectors), should be drawn up and implemented to lay the foundations of sustained growth in future. We realise that it is not merely investment, that generates self-sustained growth. Abject poverty around massive modern industrial projects is not unknown. It is felt, therefore that people's participation is a crucial factor. But to enable the people to participate, they must attain a minimum standard of living, education and health. In Orissa, a very large proportion of the population lives below what may be called the poverty line. It has been estimated

that 35.4 per cent of population has an income of less than Rs. 10 per month per head. Another feature of this State is the uneven development of different districts. The reasons are mainly historical. In view of the above, the Government of Orissa feel that its Fourth Five-Year Plan objectives should be :—

- (i) raising the *per capita* income of people of Orissa to the level of all India average ;
- (ii) assuring a minimum income of Rs. 20 *per capita* per month;
- (iii) reduction in the disparities between the backward and the advanced districts of Orissa; and
- (iv) improving the technological and entrepreneurial abilities of the people.

41.4. Various studies have been made to calculate the investment required for attaining the first two objectives. These studies have indicated that an estimated investment of the order of Rs. 1,220 crores will be necessary. This massive dose of investment has to materialise in the State Central and the Private Sectors. Indeed, there is no reason why suitable policies should not be devised to direct an investment of this order to Orissa. It is justified from the point of view of the economics of the projects which can be undertaken and it is justified from the point of view of the disparities in the levels of living of the people between this State and the other developed States of the Union. There need be no apprehension, that the adoption of the above suggestion will disturb the national priorities and distort the overall pattern of sectoral outlays which may be decided on National considerations. In Orissa, there is ample scope of development in agricultural as well as industrial sectors within the field of national needs. It is, however, obvious that the State Plan can provide only a small part of this investment. Although on the basis of preparedness and organisation, we could put forth a Fourth Plan consisting of viable schemes with an outlay of Rs. 500 crores, we have been advised by the Planning Commission to draw up a plan roughly of the same size as was agreed to 3 years back. Against the previously indicated Fourth Plan size of Rs. 300 crores we have now drawn up a plan with an outlay of Rs. 321.48 crores. The plan is proposed to be financed by the

State's own resources amounting to Rs. 111.50 crores (based on assumptions elaborated in the next Chapter) and a Central Assistance of Rs. 209.99 crores. The basic assumptions which Rs. 111.50 crores of own resources is based are analysed later 41.5 Since the size of the plan is very small, the attempt has been to give it the maximum possible production orientation. The broad principles for inclusion of the schemes in various sectors have been as follows :—

(1) Completion of continuing projects within the shortest possible time. We have got a large number of continuing projects under Irrigation and Power, Industries, Education, Health, Roads, etc. The Spillover expenditure during the Fourth Plan Period over these schemes is about Rs. 100 crores. It is proposed to complete these schemes as early as possible and to provide the necessary funds for them.

(2) Utilisation of potential created in the different sector, under this criterion, we have taken up schemes, such as, intensive agricultural development programmes in areas having irrigation facilities and areas to which such facilities are to be extended within the Fourth Plan period. In the field of Industry, in accordance with this principle, we have included programmes of development of industrial areas around growth points where massive doses of investments have already been given, such as : Rourkela, Paradeep, Jajpur Road, etc.

(3) The infra-structural development of communications, power supply, rural electrification, etc., necessary for making a success of the productive schemes in agriculture, industry, mining, forestry and fishery.

(4) Commencement of work on a small number of new major projects so that there is no break in the continuity of development efforts in the subsequent plan periods and also to avoid any bottlenecks in this regard. These projects will also create new growth points and areas where rapid advancement can take place. In accordance with this criterion, we are proposing two major irrigation and power projects and one industrial complex. Fortunately, in orissa, water and mineral resources are available in all the districts in a fairly abundant measure, it has therefore

been possible to select the projects which are justifiable on the economic grounds and also located in the relatively backward areas.

(5) Provision of additional irrigation facilities in areas hitherto lacking in irrigation:—Under this, we have proposed taking up new medium irrigation projects and a number of minor irrigation projects. The objective here is to extend the advanced techniques of cultivation to new areas and people.

(6) An unostentatious but steady progress in the field of social services to provide for the needs of growing population and bringing about a co-ordinated development of human resources has been achieved. The emphasis is on quality of education, health services, etc. In this field, the attempt will be to give weightage to districts which are relatively ill-provided with social amenities.

(7) Last but not the least is the criterion of encouraging private enterprise and initiative. This will also bring in deployment of private capital. Practically under all sectors the emphasis is on provision of services and assistance to the people to take up programmes of development for which they will be given due guidance. In the field of agriculture, considerable reliance is being placed on the programmes of provision of loan for private ownership of pumps, tube wells, tractors, etc. In the field of industry, provisions have been included for participation in private enterprises development of industrial locations, etc. Suitable policies have been devised in this regard.

41.6. In addition to the above, the State Government attaches great importance to family planning and programmes of eradication of communicable diseases. But since both these programmes are included in the Central Sector, no provisions have been made for them in our proposals.

42.1. Planning Commission have suggested that steps should be taken for determining the priorities and objectives for different districts on the basis of the district maps and the general conclusions emerging therefrom in respect of the variety of programmes of natural resources or infrastructural development to be adopted for balanced development of the State. This subject has been under continuous study

since the beginning of the Third Plan and programmes of development in different districts have been taken up on the basis of (i) gaps noticed in the availability of the infrastructure required for the development of the districts and (ii) factors available in different sectors of development in the districts. Sometime back, a study of all the districts had been made and economic indicators under various fields showing the facilities available under irrigation, power, transport, communication, health, education, etc., had been prepared. These studies had revealed certain gaps and while drawing up Annual Plans, subject to the availability of funds after meeting the requirements of continuing priority projects, we have been trying to do whatever best is possible. While drawing up the Fourth Plan, the needs of the different districts from the point of view of these gaps in infra-structural development and the natural resources available in the district have been kept in mind. For instance, the Upper Indravati Multi-purpose Project and the medium irrigation projects have been suggested in accordance with this criterion. In respect of social services, it has been decided to give weightage to the districts lacking in such facilities. The special problems of the hill-districts and sparsely populated areas have been kept in mind while planning educational programmes. Since the emphasis in agriculture is on intensive cultivation, the bulk of the investment has perforce to be provided for areas relatively more advanced. But for other areas suitable programmes have been taken up under soil conservation and development of forests.

42.2. The programmes have been planned and located against the background of the conditions available in the locality. A thin distribution of outlays under each scheme over the entire State has been avoided. Dovetailing and co-ordination of schemes upto local levels have been ensured. For example the rural electrification programme is fully integrated with Lift Irrigation Schemes and simultaneously intensive cultivation programmes are fully co-ordinated with Lift Irrigation areas. Similar is the case with Industrial, Electrical, Mineral and Roads programmes. Finally and this is more important administrative arrangements that are being made to ensure adequate co-ordination in the field during implementation of the programmes.

CHAPTER IV

FINANCIAL RESOURCES OF THE STATE FOR THE FOURTH FIVE-YEAR PLAN (1969—74)

43.1. Resources which the State Government can mobilise for financing its Fourth Five-Year Plan are very much limited because heavy repayment liabilities have to be discharged during this period towards loans obtained from the Centre. It is estimated that the State Government will be required to repay Rs. 138.82 crores to the Government of India during the period 1969—74 towards loans obtained by the end of 1968-69. During the same period, State Government, are expected to recover Rs. 15.47 crores out of loans advanced by them to third parties. The net liability of the State for repayment of loans to the Centre for which no amortisation is now made will, therefore, be Rs. 123.35 crores. If the State Government, are compelled to discharge this liability unaided, all their efforts for mobilisation of additional resources for financing the Fourth Five-Year Plan will be counterbalanced by this unusually heavy repayment liability and net resources available for plan financing may be negative. The State Government are, however, of the view that since receipts accruing from Projects on which loan capital is invested from part of Revenue receipts of the State, repayment of loans should be valid charge on the Revenue Budget, barring a small portion which can be repaid out of recoveries from third parties. Accordingly, in the forecast submitted to the Fifth Finance Commission, the State Government have included this liability as a charge on the Revenue Budget, eligible for grant under Article 275(1) of the Constitution. If the State Government's proposal is not accepted the liability may have to be met out of the Capital Budget as before, and in that event, all the additional resources which the State Government may mobilise during the Fourth Plan period will have to be earmarked for repayment of loans. The estimate furnished below regarding additional resource mobilisation by the State Government for financing the Fourth Five-Year Plan has, however, been prepared on the assumption that the net repayment liability of Rs. 123.35 crores indicated above which is proposed to be treated as a charge on the Revenue Budget will be eligible for grant under Article 275(1) of the Constitution.

Balance from current revenues :—

43.2. The non-Plan revenue account of the State Government is usually a deficit account. Now that the Fifth Finance Commission is considering various issues regarding devolution of federal finance and sanction of grants-in-aid for covering likely revenue deficits, it may be assumed that the Finance Commission's Award will fully cover the anticipated revenue deficit during the Fourth Plan period. The balance from current revenues at 1968-69 rates of taxation, available for financing the Plan may, therefore, be treated as nil.

Proceeds of additional tax and non-tax measures :—

43.3. The State Government propose to mobilise Rs. 21.95 crores as detailed below during the Fourth plan period by implementing various measures for augmenting tax and non-tax revenue receipts.

	(Rs. in lakhs)
1. Land Revenue	
(a) Increase in the rate of Cess ..	300
(b) Increased realisation of cess due to Settlement operations.	50
(c) Salami for leasing Government land ..	50
2. Stamp ..	50
3. State Excise ..	350
4. Sales Tax and Motor Spirit Tax ..	300
5. Tax on Passenger Fares ..	140
6. Motor Vehicle Tax ..	100
7. Forest Revenue ..	50
8. Electricity Duty ..	330
9. Toll on Expressway ..	125
10. Mining Royalty ..	350
Total ..	2,195

Borrowing from Public:—

43.4. The State Government propose to raise from the public, loans amounting to Rs. 30 crores during the period 1969-74. During the same period, the State Government will, however, be required to repay Rs. 17.40 crores towards loans raised in the past. Therefore, net borrowings of the Government available for Plan financing will be Rs. 12.60 crores.

43.5. In addition, borrowing of the public enterprises of the State are expected to be of the order of Rs. 15 crores (including Rs. 10 crores expected from the Life Insurance Corporation of India). All these borrowings will be by the Orissa State Electricity Board. The Board will be required to repay Rs. 3.30 crores to the public and Rs. 0.25 crore to the L. I.C. during the Fourth Plan period. Therefore, net borrowing of the Board available for plan financing will be Rs. 11.45 crores.

Share in Small Savings :—

43.6. It is expected that the State Government will get Rs. 15 crores as their share of Small Savings collections during the Fourth Plan period.

Unfunded Debt :—

43.7. As a result of the recent scaling down of the age of retirement in respect of State Government employees, there is likely to be heavy withdrawals from the Provident Fund. Net accretion to the Provident Fund during the Fourth Plan period is, therefore, not likely to be more than Rs. 7 crores.

Contribution of Public Enterprises:—

43.8. It has been estimated that resource available from the operation of Orissa Industrial Development Corporation, Orissa Mining Corporation, Orissa State Commercial Transport Corporation and the Orissa State Electricity Board for financing the Fourth Five-Year Plan will be of the order of Rs. 9.35 crores. This estimate takes into account repayment of loan to the extent of Rs. 3.55 crores by the Orissa State Electricity Board referred to in para. 5,

43-9. *Micellaneous Capital Receipts (net)*—The net effect in the Miscellaneous Capital Account due to repayment of loans to the Centre has been treated as nil because the State Government expect that the net liability in this respect estimated at Rs. 123.35 crores will be a charge on the Revenue Account eligible for grant under Art 275(1) of the Constitution.

43-10. As regards loans from the Reserve Bank of India and L. I. C. the State Government expect to obtain Rs. 1 crore, and Rs.0.30 crore respectively per year, totalling Rs. 6.50 crores during the period 1969—74. During the same period, the State Government will have to repay Rs. 3.11 crores to these institutions towards loans obtained earlier. Net receipts will, therefore, be Rs. 3.39 crores.

43-11. Besides, the State Government may obtain shortterm loans of the order of Rs. 17.50 crores during the period 1969—74 from the Centre for purchase of fertilizers. Since these loans will have to be fully repaid during the same period, net receipts available for plan financing will be nil.

43-12. Sinking Fund accumulations during the period 1969—74 are estimated to be of the order of Rs. 34.88 crores out of which Rs. 17.40 crores will have to be utilised for repayment of Public Loans referred to in para. (4) above leaving Rs. 17.48 crores for plan financing.

43-13. Amount available from the Depreciation Reserve Fund for financing the Plan is estimated at Rs. 3.35 crores.

43-14. Against these Miscellaneous Capital Receipts, certain amount will have to be set off for non-Plan Capital outlay, the main item being "Public Works". A sum of Rs. 1 crore per year totalling Rs. 5 crores for the Fourth Plan period is proposed to be ear-marked for this purpose. Similarly, loans will have to be disbursed for various purposes. It is estimated that these loans will be of the order of Rs. 1.21 crores per year, totalling Rs. 6.05 crores for the period 1969- 74. The purposes for which these loans are to be disbursed are Taccavi, House Building, Production Loans through Co operatives, etc.

43-15. After taking into account all these factors, Miscellaneous Capital Receipts (Net) available for financing the Fourth Five-Year Plan total upto Rs. 13.17, etc.

43.16. Total resources of the State available for financing the Fourth Plan period are estimated at Rs. 111.47 crores, the year-wise break down of which is tabulated below:—

	Rs. in crores
1. Balance from Current Revenues at Rs. 1968-69 rates of taxes. ..	..
2. Additional Resources Mobilisation by State Government.	21.95
3. Loans from Public (Gross)	
(a) By State Government ..	30.00
(b) By Public Enterprises ..	15.00
4. Share in Small Savings ..	15.00
5. Unfunded Debt. ..	7.00
6. Contribution of Public Enterprises. (Net	9.35
7. Miscellaneous Capital Receipts (Net) ..	13.17
Total ..	111.47

CHAPTER V

44.1. The State Government have proposed an outlay of Rs. 321.48 crores for the Fourth Five-Year Plan (1969—74) and Rs. 70.81 crores for the Annual Plan 1969-70. The sectoral allocation of these out-lays are indicated below.

(Rupees in lakhs)

Head of Development	Outlay for the Fourth Plan	Outlay for 1969-70 Plan
1	2	3
<i>1. Agriculture & Allied Programees</i>		
1.1. Agricultural Production, including Land Development & Ayacut Development.	3,035.00	686.66
1.2. Minor Irrigation ..	1,600.00	273.00
1.3. Soil Conservation ..	200.00	38.00
1.4. Animal Husbandry and Dairying & Milk Supply.	600.00	92.00
1.5. Forests ..	400.00	70.00
1.6. Fisheries ..	300.00	72.11
1.7. Warehousing & Marketing ..	30.00	5.17
Total ..	6,165.00	1,236.94
<i>2. Community Development & Co-operation</i>		
2.1. Co-operation ..	470.00	100.64
2.2. Community Development ..	850.00	237.00
2.3 Panchayats ..	50.00	10.00
	1,370.00	347.64

(Rupees in lakhs)

Head of Development	Outlay for the Fourth Plan	Outlay for 1969-70 Plan
1	2	3
<i>4. Irrigation and Power</i>		
3·1 Major & Medium Irrigation ..	3875·20	773·31
3·2 Flood Control ..	300·00	60·00
3·3 Power ..	6850·01	1563·48
Total	11025·21	2396·79
<i>5. Industries and Mining</i>		
4·1 Large and Medium Industries..	3045·00	995·00
4·2 Mineral Development ..	500·00	152·95
4·3 Village and Small Industries..	567·00	155·17
Total	4112·00	1303·12
5·1 Roads ..	2250·00	459·00
5·2 Road Transport ..	220·00	34·38
5·3 Ore Transport ..	100·00	100·00
5·4 Tourism ..	54·00	10·45
5·5 Inland Water Transport ..	10·00	2·00
Total	2634·00	605·83

(Rupees in lakhs)

Head of Development	Outlay for the Fourth Plan	Outlay for 1969-70 Plan
1	2	3

6. *Social Services*

6.1 General Education	..	2377.00	276.86
6.2 Cultural Programme	..	55.00	12.52
6.3 Technical Education	..	247.00	52.75
6.4. Health and Family Planning	..	1300.00	252.85
6.5. Water Supply	..	933.00	269.16
6.6. Housing	}	300.00	41.00
6.7. Urban Development			
6.8. Welfare of Backward Classes	..	500.00	88.60
6.9. Social Welfare	..	31.50	4.51
6.10. Labour Welfare & Craftsman Training.		230.00	48.07
6.11. Public Co-operation	..	3.00	0.60
Total	..	5976.50	1046.82

7. *Miscellaneous—*

7.1. Statistics	..	50.00	9.00
7.2. Publicity	..	75.00	18.03
7.3. State Capital Project	..	656.00	100.00
7.4. Evaluation	..	5.00	1.00
7.5. Government Press	..	80.00	16.00
Total	..	866.00	244.03
Grand Total	..	32,148.71	7,081.17

45.1. Sectoral objectives set forth for the Fourth Five-Year Plan are indicated in the following paragraphs.

Agricultural Production

45.2. An outlay of Rs. 30.35 crores has been provided for the 4th Plan out of the total outlay of Rs. 61.65 crores for Agricultural sector. The additional food grains production potential by the end of the Fourth Five-Year Plan is estimated to be 18.30 lakh tonnes basing on the inputs suggested under various schemes in the Plan. The break up of this additional foodgrains production is envisaged as follows:—

Rice	..	10.69
Other cereals	..	4.21
Pulses	..	3.40
		—
Total—		18.30 lakh tonnes

45.3. The rice component accounts for 58 per cent, other cereals 23 per cent and pulses 19 per cent of the total additional production. Though the percentage increase in rice is only 58 per cent of the total additional production it may be noted here that besides maintaining the base production of 45 lakh tonnes in 1968-69, an additional production of 16.7 lakh tonnes is envisaged from an area of 9.00 million acres which is less than the base acreage of 10.3 millions. The strategy of obtaining additional production is to increase rice yields through intensive approach and to divert some marginal lands hitherto used for paddy and getting unremunerative returns on accounts of drought and low rainfall conditions. The substitute of Rice (heavy duty crop) by other cereals and pulses (Medium light duty crops) over marginal high-lands and introduction of short duration varieties would be one of the important activities during 4th Plan. The yield rate of Khariff rice which is about 0.2 ton per acre at present is proposed to be increased to 0.5 ton per acre and that of summer rice from 1 ton per acre to 1.3 ton acres, by the end of Fourth Plan.

Physical Targets

	Level of achievement by 1968-69	Fourth Plan Target	Additional during IV Plan
(1)	(2)	(3)	(4)
Food-grains ..	52.98 (lac tons)	71.28	18.30
Oil-seeds ..	2.10 „	3.10	1.00
Sugar-cane ..	2.10 „	3.10	1.00
Fertiliser consumption.	1.20 „	7.00	5.80
Coverage under Plant Protection.	13.00 (lac acres)	100.00	87.00
Coverage under H. V. P.	5.05 „	16.75	11.70
Jute ..	3.50 (lac bales)	5.77	2.27

45.4. The above statements would show that besides foodgrains steps are being taken to increase production in commercial crops and oil-seeds so that the balance of production is maintained. Necessary minimum price support is being given to these crops so that there will be no loss to the cultivators and rather they would be encouraged to push up production.

Foundation Seeds

45.5. The present level of procurement and supply of foundation seeds is only 56,400 mds., as against requirement of a very high order in different parts. Besides its growth in departmental farms, seeds are being distributed to the registered seed growers to multiply it. Even to meet emergencies some quantity of seeds were supplied to neighbouring states last year. By the present sustained efforts it is envisaged to reach a target of production of 3,000 tons by the end of 4th Plan for which a sum of Rs. 98.80 lakhs has been provided. Besides the existing 78 Government seed farms, 3 more farms are programmed to be established in the 3 backward districts of Bolangir, Kalahandi and Phulbani.

Jute Cultivation

45.6. Jute is one of the important cash crops of the State. The estimated area under jute is 1.16 lakh acres and the production is 3.50 lakh bales. It is proposed to cover an additional area of 60,000 acres more under jute and 10,000 acres under Mesta, by the end of the 4th Plan. The per acre yield of jute will be raised to 3.25 bales and the total production is estimated at 5.77 lakh bales. Improved jute seeds are being supplied and arial spray of pesticides is being organised through the U.S.A. I.D.

Oil-Seeds

45.7. The oil-seeds development scheme covers crops like groundnut, mustard, sesamum, linseed, castor, etc. By the end of 1968-69, the estimated coverage would be 9.30 lakh acres with a production of 2 lakh tonnes. The Fourth Plan proposals envisage an increase in production of oil-seeds to 3 lakh tonnes from an area of 11.93 lakh acres by intensive cultivation of groundnut and mustard. A package scheme is envisaged for growth of mustard in 1,000 acres of irrigated areas of Puri and Cuttack and 1,500 acres in non-irrigated areas of Keonjhar, Phulbani and Rayagada. Through these package programmes quality seeds will be procured for distribution to other areas.

Sugarcane

45.8. The sugarcane production of the State by the end of the Third Plan was 2.43 lakh tonnes in terms of gur. In 1968-69, the area under production was estimated at 1 lakh acres and the production at 2 lakh tonnes of gur respectively. For the 4th Plan it is envisaged to increase the total acreage under Sugarcane to 1.30 lakh acres and production of gur to 2.99 lakh tonnes. This constitutes 30 per cent increase in the acreage and 50 per cent increase in production. The main strategy for increasing the production is to increase the per acre yield. The package programme for sugarcane will operate in 3 important zones, viz., Aska, Rayagada and Bargarh, where modern sugar mills have been set up. The sugarcane control order is in operation in a few selected areas and it is proposed to extend the provisions of this order to other areas so that the sugar mills will get raw materials throughout the season.

High Yielding Variety Programme

45-9. The net cultivated area in Orissa is about 15 M. acres out of which only 3.5 M. acres are covered by double cropping and a very small portion is being covered by multiple cropping. The net cultivated area which has the perennial irrigation facilities at present is about 6 lakh acres. After introduction of the H. V. P., it has been felt necessary to recommend an optimum cropping pattern for each and every class of cultivated land with provision for growing three crops in the perennially irrigated areas and at least two crops in other irrigated areas. A break through in agriculture has been achieved through the evolution of high yielding strains of rice and Maxicon wheats. This programme was launched from 1966-67 in the assured irrigated areas of the State. 75 Blocks have been selected out of the I.A.A.P. and I.A.D.P. Blocks for large scale implementation of H. V. P. During the 4th Plan period it is envisaged to increase 25 Blocks at the rate of 5 each year. In the result, there will be a total of 100 Blocks out of the total of 161 Blocks (I.A.A.P. 132 plus I.A.D.P. 29). The total coverage under this scheme is estimated to be at 5.05 lakh acres and by the end of the 4th Plan period it would be 16.75 lakh acres under different crops. By extension of package practices it is estimated that the additional yield per acre in case of improved variety will be to the tune of 0.2 tonnes while in the case of H. V. P. it will be 0.3 tonnes.

Intensive Agricultural District Programme

45-10. The I.A.D.P. is in operation in the Sambalpur district. 23 out of 29 Blocks of the district have been covered under this programme. It is proposed to extend the programme to all the Blocks during the 4th Plan. A break through in the traditional method of farming appears to have been made and the farmers have learnt the modern techniques of farming by adopting to high yielding variety of crops and multiple crops in the irrigated area.

Intensive Agricultural Area Programme

45-11. After being encouraged by the results of the I.A.D.P. it is envisaged to expand the techniques to other compact areas of the State in a phased manner. Under this programme intensive agricultural practices are being taken up in Blocks having irrigated areas of 5,000 acres

or more. A total of 86 Blocks have been covered under this programme during the period from 1964-65 to 1968-69. During the 4th Plan it is proposed to cover another 46 Blocks so that by the end of the Plan, a total of 132 Blocks will be covered in this programme. Necessary steps have been taken for the provision of in-puts to a satisfactory extent.

Vegetable Development

45-12. The area under potato and vegetable is estimated to cover 1 lakh acres and 5 lakh acres respectively by 1968-69. It is envisaged that by the end of 4th Plan the area under potato will be extended to 2 lakh acres. Seed potato multiplication will be taken up and disease free seeds will be obtained. This will be multiplied in foundation seed farms and will be distributed to registered seed growers. Vegetable seeds of different varieties will be obtained and multiplied in foundation seed farms.

45-13. For effecting dissemination of research results and to propagate the improved methods of cultivation the agricultural information service is being strengthened for which a sum of Rs. 20 lakhs have been provided.

Manures

45-14. *Chemical Fertilisers*—The level of distribution of chemical fertilisers during the year 1968-69 is estimated at 1.90 lakh tonnes and by the end of 4th Plan period the level of distribution is expected to be at 2.55 lakh tonnes. The distribution of chemical fertilisers is being handled by the co-operation marketing societies under the sole distribution-ship of the Orissa State Co-operative Marketing Society which is being given necessary financial support by the State Government. The distribution of fertilisers is being made to the cultivators mostly through the primary credit societies. In areas where co-operatives are not developed satisfactorily, fertiliser licences have been given to the private dealers to meet the needs of the agriculturists.

45-16. *Organic Manures*—Organic manures such as composts and green manuring have also been given necessary importance for agricultural production. The production of compost and its use have not yet caught up to the

targets very appreciably. The level of production both urban and rural compost is only 5,502.5 thousand tonnes the end of 1967-68 although a huge potential exists for its increased production. With that end in view schemes have been formulated to increase the production of compost to the extent of 139 lakh tonnes in the rural areas and 1 lakh tonnes in the urban areas. Necessary proposals have been incorporated for strengthening the compost organisation at the district levels.

45-17. *Green Manure*—It is proposed to bring 60 lakhs acres of land under green manuring by the end of 4th Plan. Seeds are being distributed departmentally to the farmers for growth of green manuring.

45-18. *Bone-meal*—Huge quantities of bones are available in the State which can be profitably used. Bone crushing units have been set up at important Panchayat centres and departmental crushing units have also been set up at some Key points where bones are available abundantly. It is targetted to increase its productions to 200 tonnes per annum by the end of the 4th Plan period as against existing production at 200 tonnes only.

45-19. *Plant Protection*—The programme of work under plant protection during the 4th Plan will be seed treatment, application of pesticides against soil insects, rat control, weed control, etc. Steps are being taken to popularise the use of pesticides more extensively for which a provision of Rs. 85.44 lakhs has been made. Mobile squads have been organised who will attend to the effective use and distribution of pesticides and take adequate plant protection measures. Subsidy have been provided on the sale of pesticides. The anticipated coverage during the year 1968-69 is 13 lakh acres as against which it is targetted to cover 100 lakh acres, in a phased manner by the end of the Plan period.

Agricultural Implements:—

45-20. In general, the demand for agricultural implements have been constantly rising during the last few years. To meet such heavy demand long-term credit facilities have been extended through the Land Mortgage Banks and other commercial Banks. Mechanical cultivation with

the help of tractor, power tiller and allied machines are gaining ground amongst the farmers on account of rise in wages and shortage of animal labour in the coastal as well as industrial belts. Also for reclamation purposes in the western districts of the State there is constant demand for tractors. For successful implementation of the programme zonal workshops and training centres are being organised and during the 4th Plan period 15 workshops will be established in a phased manner. Repairing and servicing units will also be established in different zonal headquarters. The agricultural Engineering section is being sufficiently strengthened to attend to it.

Land Development:—

46.1. Under this head of development an outlay of Rs. 3.80 crores has been provided out of which Rs. 2.90 crores will be expended on land reforms measures, Re. 0.80 crores will be utilised for development of ayacut areas and Re. 0.10 crores will be utilised for resettlement of landless labourers.

46.2. *Land Reforms*—The State Government is pursuing its policy of eliminating intermediary interest by whatever name it is known between the riyat and Government. Out of 4,20,216 intermediary interests all have been abolished except about 51,990 intermediary interests which will be taken up during the 4th Plan period under the Orissa Estate Abolition Act. The Orissa Land Reforms Act has come into force with effect from the 1st October 1965. Its intention is to introduce agrarian interest and to confer raiyati rights on temporary leases. Under the provisions of the O. E. A. Act, the intermediary interests between the raiyat and the State Government is being given. It is envisaged to eliminate the intermediary interest between a tenant and a sub-tenant by which confidence will be installed in the minds of the tillers of the soil so that they will have security on the land and increase its productivity. By all these land reform measures, the entire structure of agricultural land holding is being modernised to prevent concentration of too much agricultural land with any single person or family. The provisions in the Land Reforms Act relating to land ceiling is subjudice in the Supreme Court. In case it is decided in favour of the State Government, about 17.5 lakh acres of surplus land can be

taken over for which the State Government has to pay compensation about Rs. 9 crores. A substantial portion of this amount is recoverable from the tenants when this will be finally settled out with them. A sum of Rs. 3.82 crores is estimated to be spent for compensation during the 4th Plan. Taking into account the realisation of settlement value of the land from the farmers, the net requirement will be Rs. 2.90 crores as provided in the plan.

46.3. *Resettlement of landless agricultural labourers*— This scheme has not been properly worked upon in the proceeding plan periods. In this State agricultural operation provides employment to most people who have no land of their own. In order to rehabilitate the landless labourers it is proposed to provide an outlay of Re. 0.10 crores that in each year of the Fourth Plan expenditure at Rs. 1.50 lakhs under grant and Re. 0.50 lakhs under loan will be expended to rehabilitate the surplus agricultural labourers who are likely to be thrown out of employment by the tenants resorting to mechanised farming and reluctant to engage hired labourers.

47.1. *Ayacut Development*—Under this programme a sum of Rs. 80 lakhs has been provided for the 4th plan. Out of this an amount of Rs. 48 lakhs will be spent in the Salandi ayacut development area where this programme has been undertaken from 1967-68. In the Delta region of Puri district it has been planned to introduce the ayacut development work in 50,000 acres compact area in different Blocks. Now ayacut development areas are also kept in view. The purpose is to develop ayacut in potential areas and demonstrate the cropping patterns so as to increase the per acre yield.

47.2. Wells are to be constructed at Government cost in potential areas and the total numbers of wells proposed during the 4th plan period is 3,000 in different districts. Steps are also being taken to regulate streams and nullas by construction of diversion weirs.

Soil Conservation:

48.1. An outlay of Rs. 2 crores has been provided for the Soil Conservation schemes in the State during the Fourth Plan period, as against the actual expenditure of Rs. 93.66 lakhs provided in the Third Plan period. In

order to prevent soil erosion and reclamation of waste lands and stoppage of shifting cultivation in the hilly areas and forests, the soil conservation schemes have been formulated. Out of the total area of 38.48 million acres about 7.60 ml. acres would need intensive soil conservation. During the last 3 plans about 3.4 ml. acres have been treated which would indicate that about a fringe of the problem have been touched. The main soil conservation areas in the State are located in the tribal areas and about 80 per cent of the Soil Conservation budget is being spent in the undeveloped areas of the tribal districts. During the 4th Plan period, the soil conservation programme will be re-organised and specific schemes are in the offing for different areas. The schemes in the plan would cover—

1. Soil conservation in rainfed areas ;
2. Soil conservation in hill areas ;
3. Gross land development,
4. Conservation of soil in irrigated areas,
5. Waste land utilisation,
6. River bank erosion control, and
7. Allied projects like soil conservation in catchment areas of medium and minor irrigation project, soil survey, etc.

48.2. Further a scheme for protection of afforestation under soil conservation has been kept in view to be implemented with the help of the Forest Department. In the ayucut areas of some of the irrigation projects, like Hirakud, Derjang, steps have been taken to launch the scheme of levelling and land shaping. The schemes for plantation of cashew nut, sisal and pineapple have been kept in view.

Minor Irrigation (Flow):—

49.1. By the end of the 3rd Plan, a total area of about 5.36 lakh acres was brought under minor irrigation (flow) programme. During the succeeding plan years it is estimated that an additional area of 1.16 lakh acres will be covered in the beginning of the 4th plan.

49.2. During the current financial year, 206 projects are under execution. Out of which 30 projects will be completed and the remaining 175 projects will be carried over to the Fourth Plan. An amount of Rs. 151 lakhs has been provided for their completion in the Fourth Plan period. A provision of Rs. 889 lakhs has been proposed for execution of 189 new minor irrigation (flow) projects and Rs. 60 lakhs for survey and investigation of fresh projects. At the end of the Fourth Plan it is expected to bring a further area of 2.75 lakh acres under minor irrigation (flow) programme.

49.3. The State is very frequently affected by drought. From the year 1965, drought has ravaged the State every year. About 2/3rd of the total cultivable area in the State are situated in hilly regions. These areas mostly exist in the nine districts such as Dhenkanal, Bolangir, Kalahandi, Phulbani, Koraput, Sundargarh, Keonjhar Mayurbhanj and some parts of Sambalpur. In these areas no other irrigation facilities except minor irrigation (Flow) can be feasible and economical. But for limited resources it has not been possible so far to extend adequate irrigation facilities to these areas. In view of frequent failure of crops in most part of these districts during the last few years which can be termed as chronically drought affected areas adequate provision of irrigation facilities to these areas is considered essential. Hence, over and above the new projects proposed, we have got about 236 projects in hand for execution on receipt of additional Central assistance of Rs. 9 crores outside the State Plan. By this we can assume irrigation benefit to an additional area of 2.25 lakh acres.

Lift Irrigation:—

50.1. For the lift irrigation schemes, an outlay of Rs. 5 crores has been provided during the plan period. The estimated area under lift irrigation by 1968-69 is 0.43 lakh acres and by the end of the 4th plan period, the total coverage is expected to be 2.03 lakh acres with an increase of 1.60 lakh acres both through Government and private agencies. Pilot Projects are being taken up in the Banki and Bailashimouza areas of Cuttack district with the help of finance to be received from the Agriculture Refinance Corporation through the Land Development Bank. With the extension of electrical facilities to the rural areas the Lift Irrigation programme is gaining ground.

Physical Targets:—

50.2. By direct pumping from river and streams, 300 numbers of pumps will irrigate 88,000 acres ; 200 Government tube wells will irrigate 12,500 acres, 8,000 nos. of private tubewells pump sets will irrigate 1,00,000 acres and 500 masonry wells will irrigate 25,000 acres by the end of the 4th plan.

Ground Water survey:—

52.3. Necessary ground water survey is also being taken up in different areas, of the State according to a phased programme. The results of the survey will be very much helpful for the better utilisation of surface as well as ground water resources available in the State. A provision of Rs. 15 lakhs has been made to complete the spillover schemes. According to latest intimation from Government of India the scheme will be in the State Sector. But this is quite a fit scheme for inclusion in the centrally sponsored scheme. All private minor irrigation works will be financed through the Land Mortgage Bank and Agriculture Refinance Corporation. Poorer farmers are being encouraged with 15 per cent subsidy for which Rs. 30 lakhs has been provided.

Animal Husbandry Dairy and Milk Supply

53.1. An outlay of Rs. 6 crores has been proposed for this programme during the Fourth Plan. The schemes like cattle development, feed and fodder development, sheep and goat development, piggery development, poultry development, disease control, education and research and Dairy and Milk supply have been given greater attention.

53.2. Amongst others, the intensive cattle development scheme is the first in order of priority. One Intensive Cattle development scheme which was started in the Third Plan will continue. In addition to this, it has been proposed to start two new projects. It is also proposed to start 5 more Key Village Blocks besides the expansion of 15 Key Village Blocks out of the 17 Blocks opened. 48 New Artificial Insemination Centres will also be opened. In respect of hill cattle development, it is proposed to establish 5 new blocks with 5 units each in addition to one Block that exists in Koraput district. It is also proposed to reorganise and increase the strength of the Live Stock Breeding Farm

at Chiplima and Kuarmunda and other district farms. In order to have feed and fodder sufficiency for the live-stock it is proposed to establish one fodder bank and reorganisation of existing fodder farms.

53.3. The climatic condition of Orissa is not favourable for rearing sheep for purposes of production of wool. But adequate attention will be paid for rearing of goats and sheep for purposes of mutton.

53.4. For purposes of piggery development it is proposed to expand 100 pure breeding units and 100 up-grading units.

53.5. It is proposed to start one Intensive Egg-cum-Poultry production centre in addition to 2 centres already existing now. The expansion of State Poultry farms one at Angul and the other at Similiguda will continue.

53.6. For disease control it has been proposed to set up 50 more Veterinary Dispensaries and 100 more Stock-man Centres during the Fourth Plan. It is proposed also to depute officers for training and research on different specialised subjects.

53.7. For the purpose of Dairy development and milk supply it is proposed to take up 14 schemes including 4 spill over schemes at a cost of Rs. 75 lakhs. The programmes like new Rural Dairy Units, New Milk Supply and loans for purchase of good milch cows are included in the proposal.

Forest

54.1. Forest is an important source of State income and it constitutes about 43.73 per cent of the total land area of the State as against the All-India average of 23 per cent. A total outlay of Rs. 4 crores has been provided for the 4th plan period. The schemes of quick growing species and farm forestry which are likely to be transferred to the State Plan from the Central sector have been incorporated in the plan proposals.

Economic Plantation:—

54.2. About 25 per cent of our exploitable forests are covered with miscellaneous species of uneconomic value. Under the increased demand for industrial and fuel woods

it is considered expedient to increase the potential by raising plantations of economic species like teak, semul, sisu, etc. in 20,000 hect. at a cost of Rs. 1 crore.

Quick growing species:—

54.3. A sum of Rs. 85 lakhs has been provided for the plantation of quick growing species in 17,000 hect. The raw material will be utilised mostly in the three Paper Mills within the State and two paper mills at Calcutta.

Farm Forestry:—

54.4. During the past several years there has been rapid depreciation of village forests on account of its unrestrained use. In order to cater to the needs of the villages it is proposed to plant small patches of land of less than 40 hect. under this scheme. It is proposed to plant 2,000 hect. of village waste lands at a cost of Rs. 10 lakhs.

Working plans:—

54.5. This new scheme was introduced during 1966-67. Care has been taken to provide Rs. 17.50 lakhs for completion of the 8 major working plan schemes and to take up 12 more new schemes during the plan period.

54.6. Necessary provision has also been made for strengthening the staff position, building of forest roads and rest-sheds and research works. Necessary encouragement are also being given for development of minor forest products like Sabaigrass, Kendu leaf, etc., which has a remarkable potential in the State. Steps have been taken to increase the tempo of planting mostly economic plants like Cadamum, Sandle-wood, etc., at a cost of Rs. 12 lakhs. The infrastructure required to execute different schemes has already been set up in the previous plan periods and there will be no difficulty in achieving the physical targets as contemplated for the plan.

Fisheries:—

55.1. An outlay of Rs. 3 crores has been provided for various schemes for development of inland and marine fisheries resources. Some of the important schemes in view for the 4th plan period are given below:—

Spawn collection:—

55.2. During 1968-69, 25 crores of spawn have been collected and by intensifying the collection drive it is estimated that during the plan period spawns can be collected at the rate of 20,000 cups which comes to 100 crores per annum by the end of the plan period.

Assistance to Grampanchayats, Co-operatives and private Fish farms:

55.3. The Grampanchayats, Co-operatives and private fish farms will be financed loans for development of pisciculture in their areas. It is envisaged to introduce a P. L. Account under the Director of Fisheries so that the loans advanced will rotate from year to year.

55.4. The variety of spawns available in the Orissa coast has excellent export potential and so such steps are being taken for intensifying their export outside. Due emphasis is being given for encouraging fishery development in private sector so that the products from inland schemes may be considerably increased. Necessary technical know how and results of fishery research works will be disseminated to the private fish farmers.

Fishing by mechanised boats:

55.5. This scheme was being operated through the Orissa Fisheries Development Corporation as the private enterprise is still lacking in the State for marine fisheries development. For the 4th plan period this will be operated on a more vigorous way on a semi-commercial basis by bringing into operation of fleet consisting of 4 steel imported trallors and 6 short-ranged wooden trallors in the off-shores of Paradeep major port. It is proposed that a fish meal plant will be established to utilise all the uneconomical fish for production of fish-meal. The additional fish production under this scheme is estimated at 10,000 metric tonnes with an annual production of 2,100 metric tonnes a years of the 4th Plan onwards. out of Rs. 28.22 lakhs proposed to be spent on this scheme. Rs. 9.44 lakhs will be capital investment and Rs. 12.75 lakhs on establishment.

Marketing of Fish and Bye-products :

55-6. A fish marketing organisation will be set up in the State to handle the catches available from marine and inland sources. This organisation will handle 12,000 metric tonnes of marine fish, 2,000 metric tonnes of inland fish and 20,000 spawn cups annually during the 4th plan period. The scheme will also look to the marketing of bye-products like fish-meal, fish-manure produced from other schemes so that it can run on a commercial basis.

Central Carp Breeding Farm :—

55-7. It is proposed under the scheme to establish a Centrally located fish breeding station with adequate number of stocking ponds where a minimum stock of 10,000 to 30,000 female to male breed fish will be reared. A portion of the abandoned reservoir near Chiplima Power House in the district of Sambalpur has been selected for the location of the fish breeding station at a cost of Rs. 40 lakhs during the last part of the 4th plan period. The economic of the scheme have been fully worked out.

Applied Research in Marine Fishing :—

56-8. Experimental and exploratory fishing operations have been conducted in the past. A systematic research and survey will be undertaken in the Fourth Plan period near the Paradeep Port at a cost of nearly Rs. 17 lakhs which will be manned by a team of scientific and technical personnel.

Fishery in irrigation and fresh water lakes :—

56-9. In the State there are a large number of major, medium and minor irrigation reservoirs covering an area of nearly 200 sq. miles where the pisciculture operations can be implemented besides the major reservoirs at Hirakud, Mandira and Balimela which have large potential. During the 4th plan it is aimed to take up intensive pisciculture in all such irrigation reservoirs by remodelling them. Necessary provision are also being made to excavate fingerling tanks in and around the reservoirs. The exploitation will mostly through local fishermen on share basis or on lease. On account of operation of these schemes the additional production will be in the order of about 376 metric tonnes

with a total outlay of Rs. 29.06 lakhs out of which the capital outlay is about Rs. 20 lakhs and the rest for recurring expenditure on staff, etc.

Ware Housing and Marketing :—

57.1. As against the target for 32 Regulated markets only 30 such markets could be established till 1968-69. During the 4th Plan period it is proposed to establish 9 more regulated markets in a phased manner. For the existing ones also additional investments are proposed to develop market yards, approach roads, godown buildings etc. All the Regulated markets will be also provided with grading units.

57.2. To popularise sale of Agmark consumer products one Agmark Emporium is continuing at Bhubaneswar and it is proposed to organise 3 more Agark Emporiums at other important places.

57.3. The State Warehousing Corporation needs more financial assistance for which Rs. 5 lakhs will be contributed by State Government towards its share capital so that the Corporation will be in a position to strengthen and increase more nos. of warehouses at Mandi centres and railheads.

Co-operation :—

58.1. An outlay of Rs. 4.70 crores has been provided under this head of development for various schemes envisaged under the plan schemes.

Agricultural Credit :—

58.2. Out of 8925 co-operative societies existing in the year 1966-67 it was contemplated to recognise and limit the numbers to 3,500 societies only which would cover all the villages by co-terminating the area of operation of societies with the area of Grama Panchayats with a population coverage of 4000 to 6000 each. Later, after the re-organisation of Grama Panchayats it is envisaged that during the 4th plan the total number of such primary credit co-operative societies will be in order of 3666.

(a) Medium and Short-term Loan

At present the level of investment of short and medium term loans has come up to Rs. 21 crores. In consideration of the trend increase of these loans for the accelerated

agricultural productions schemes the target has been fixed at about Rs. 35 crores by the end of 4th plan period, which also includes grain credit of Rs. 2 crores.

(b) Long term credit

At present the annual investment is in the order of Rs. 400 lakhs. Taking into account the built up of infrastructure and high potentials created on account of increased irrigation facilities and availability of loans from the institutional agencies, the 4th plan target has been kent at Rs. 26.90 crores which includes the investment under the special section of Agriculture Refinance Corporation to the tune of Rs. 1.95 crores. For this purpose a debenture programme of Rs. 22.50 crores will have to be taken up. A sum of Rs. 45 lakhs has been provided as contribution of the State Government towards debenture programme. Necessary assistance in this regard is also kept in view. In the Co-operative Sector schemes have been drawn up for the area development projects by obtaining financial assistance from the Agriculture Refinance Corporation pertaining to Lift Irrigation, plantation and other such permissible schemes.

Marketing

58.3. Schemes have been worked out to open 17 more such Societies during the 4th plan period. The share capital of existing societies and future societies to be organised have been provided along with specific provisions for construction of godowns and purchase of trucks and vehicles for the marketing of agricultural outputs and inputs.

58.4. During the 3rd plan 39 units of rice-cum-oil mills were sanctioned out of which two were in the State sector and the rest were financed by the N.C.D.C. Since most of the existing units will be completed in the 4th plan period, one new unit has been proposed to be set up during the 4th plan. Steps are being taken to revitalise and strengthen the production capacity in the existing fields. 45 Rice mills under the co-operative sector will be commissioned at the end of 1970-71. Two sugar factories have been financed at Aska and Bargarh. The Bargarh sugar factory will be commissioned for production by 1970-71 whereas the Aska factory has started production since last two years.

Co-operative Farming

58.5. Till now 105 co-operative farming societies have been organised out of which 32 such societies are being revitalised during the 4th plan period.

Labour Co-operatives

58.6. Till now 296 L.C.C.Ss., have been organised in addition to some District Labour Contract Unions functioning. No new society is envisaged in the 4th plan.

Consumer Co-operatives

58.7. In order to help the consumers in obtaining their daily necessities in fair prices, five Wholesale Co-operative Stores were established during the 3rd plan period and 3 more have been established during the last 2 years. Since the cources are very much limited in stead of encouraging further Whole-sale Co-operatives, efforts are being made to build up such facilities for the interest of the consumers through the existing Regional Co-operative Marketing Societies. Till now 81 Primary/branch stores have been opened and it is expected that by the end of the Plan period 100 such units will be functioned. Necessary funds have been provided for the construction of gadown and purchase of trucks, etc. Departmental Stores are proposed to be opened at Rourkela and Cuttack during the 4th Plan period in addition to the one recently opened at Bhubaneswar. Steps have been taken to provide suitable premises to the Departmental stores and wholesale stores. Funds have been provided for the construction of their business premises during the 4th plan period.

Cold-Storage

58.8. By the end of 1967-68, 13 cold-stores were decided to be set up out of which 7 have been commissioned and the rest will be commissioned during the 4th plan period.

Community Development

59.1. At the end of the 4th Plan period all the Stage I Blocks will revert to Stage II and a large number of Stage II Block will revert to post-tage II Blocks.

The phasing of Blocks are indicated below—

Stage of the Block	1969-70	1970-71	1971-72	1972-73	1973-74
(1)	(2)	(3)	(4)	(5)	(6)
Stage I ..	6½	..	..	..	..
Stoge II ..	167	150	125	75	43
Post Stage II	140½	164	189	239	271
Total	314	314	314	314	314

59.2. Taking into account the phasing of Stage I and Stage II Blocks during the 4th Plan period of the schematic requirement of funds comes to Rs. 575.60 lakhs as against which a provision of Rs. 575 lakhs has been made.

(a) For the implementation of development schemes of special nature relating to irrigation, agriculture extension, Animal husbandry, horticulture, drinking water and communication in the 7 backward districts of the Stage, a provision of Rs. 225 lakhs has been made.

Well construction programme

59.3. A provision of Rs. 25 lakhs has been made to be expended during the 4th plan period mostly in undeveloped areas.

Rural Manpower Programme

59.4. In view of chronic unemployment due to failure of crops and lessening of constructional activities in the rural areas there seems necessity for continuing the Rural Works Programme. A modest sum of Rs. 25 lakhs only has been provided to implement the scheme in the backward districts.

Panchayats

61.1. An outlay of Rs. 50.00 lakhs has been provided in the 4th Plan proposal which would be expended in giving grants to Gram Panchayats numbering 3829 for construction and remodelling of their storage sheds so as to accommodate agricultural inputs ; welfare programmes in villages and training of Gram Panchayats secretaries etc.

Major & Medium Irrigation

61.1. The gross potential from major and medium irrigation projects in Orissa at the end of 1968-69 would be of the order of 17.67 lakh acres (gross) besides 2 lakh acres irrigated in the pre-plan period. By execution of contemplated major and medium irrigation projects during the 4th Plan period, the gross utilisation is expected to be at Rs. 26.40 lakh acres.

61.2. An outlay of Rs. 38.75 crores has been provided out of which a sum of Rs. 13.07 crores will be spent on spill over schemes and research programmes. The balance amount of Rs. 25.68 crores will be utilised for taking up new schemes. On completion of all these projects, a gross area of 36.76 lakh acres (Khariiff 23.61 lakh acres and rabi 13.15 lakh acres) will be irrigated. Projects have been identified in undeveloped areas so as to reclaim lands for cultivation and irrigation of the rainfed areas by reducing regional imbalances.

61.3. It is proposed to take up construction of two major irrigation schemes namely Upper Indravati (Kalahandi) and Anandapur Barrage (Keonjhar, Balasore and Cuttack) keeping in view a perspective plan of long term development of water resources of the State and Development of river valley basins. In addition, it is proposed to take up 8 medium irrigation projects most of which have been fully investigated and detailed project reports with firm estimates of cost and benefit has been prepared. The add. C. C. A. from these new projects (i. e. 2 major and 8 medium) will be 7.12 lakh acres (net) utilising about 4mft. water. Thus on completion of these projects water potential to the extent of 12 mft. will be utilised out of 121 mft which will workout to about 10 per cent of the total water potential available in the State. All the continuing major and medium irrigation projects will be completed during the 1st and 2nd year of the 4th plan period.

61.4. An Institute of Engineering Research has since been set up in the State so as to study a number of schemes for conservation, utilisation and control of devasted flood water in the river flows. It is essential to bring economy in design, efficiency in execution and to ensure urgency in the maintenance. A sum of Rs. 1 crores has been suggested for expenditure during the plan period so that laboratories for hydraulic soil machines, structural engineering and workshops will be created.

61.5. The schemes provided for under this programme are as follows :—

Name of the Scheme	Outlay for the Fourth Plan	Expected physical Targets
(1)	(2)	(3)
<i>Continuing Scheme (Major)</i>		
1. Hirakud Stage Sambalpur, Bolangir	1,277.19	427
2. Mahandi Delta, Cuttack. Puri ..	513.81	1,608
3. Salandi Ealasore ..	34.28	153
<i>Medium</i>		
1. Salia, (Puri, Gadjam) ..	53.87	26.76
2. Salki, Phulbani ..	21.63	54.10
3. Budhabudhiani, Puri ..	1.25	9.20
4. Godahado, Ganjam ..	78.15	16
5. Dhanei, Ganjam ..	24.41	13
6, Derang, Dheakanal ..	42.69	24
7. Bahuda Stage I, Ganjam ..	83.29	22.50
8. Hiradharbati, Ganjam ..	0.18	13.11
9. Pitamahal, Sundargarh ..	76.00	12
Total continuing schemes ..	1,156.75	2,578.67

New Schemes (Major)—

1. Upper Indravati, Kalahandi ..	945·00	..
2. Anandapur Barrage, Keonjhar, Cuttack and Balosore.	700·00	150

Medium—

1. Uttei (Kalahandi) ..	83·20	28
2. Ong. Bolangir ..	200·00	..
3. Bagh. Phulbani ..	100·00	10
4. Salchua Tangna, Mayurbhanj ..	150·00	17·40
5. Dadaraghati, Dhenkanal ..	66·00	4·50
6. Mahanadi—Chitropala, Mahanadi— Paika, Paika and Chitropala, Cuttack.	200·00	50
7. Bagua, Ganjam ..	65·00	10·00
8. Dahuka, Puri ..	59·00	11·50
Total New Schemes ..	2,568·20	..
Total, Continuing and New Schemes.	3,724·95	2,860·07
Reserch ..	50·00	..
Institute ..	100·00	..
Total Irrigation ..	3,874·95	..

Flood Control

62·1. Previously a no. of works were taken up at a time according to the Master Plan but most of them have remained incomplete for inadequate allotment of funds. Therefore during the 4th Plan few selected works on priority basis are being taken up and are proposed to be completed during the Fourth Plan period besides completing some of the Spillver project. A provision of Rs. 3 crores has been made in the Fourth Plan.

Power

63·1. An outlay of Rs. 68·50 crores has been provided during the 4th Plan period for this programme. At the end of 1968-69, the installed capacity will be 560 M.W. with the addition of 4 more units 62·5 M.W. each under Talcher

Thermal Station. By the end of the Fourth Plan, i.e. 1973-74 additional generation from Balimela will be 360 M.W. (6 units of 60 M.W. each). Thus the installed capacity at the end of the Fourth Plan will be 920 M.W. In formulating the proposal for the new generation scheme in the Fourth Plan the Power requirements as assessed by the 5th Annual Power Survey Committee of the Ministry of Irrigation and Power Government of India have been kept in view.

62.2. It is estimated that at the end of the Fourth Plan the peak load will be 627 M.W. and the capability 795.5 M.W. with a surplus of 168.5 M.W. There will be a marginal surplus of 11.75 M.W. after allowing for a margin of 25 per cent as reserve. But there will be power shortage by 1975-76. Since it takes normally 4 to 5 years to commission a hydro-power project it is proposed to take up to power generation schemes towards the later part of the 4th plan namely, Upper Kolab (160 MW.) and Upper Indravati (600 M.W.) hydro-electric projects. It is felt that the Upper Kolab project would take shortest time to yield benefits. It is, therefore, proposed to take up this projects during the middle of the Fourth Plan. Since however, the quantum of power to the available Upper Kolab Project is limited, it is considered essential that another project should be taken up if the growing demands of power are to be met effectively. Hence, the Indravati Project will be started towards the later part of the Fourth Plan.

Transmission and Distribution

63.3. Under Transmission and Distribution Scheme about 1,218 miles will be completed by 1968-69. The Talcher Transmission line is almost completed and the balance work is likely to be completed during the first year of the 4th Plan. Upper Balimela Transmission Scheme 80 per cent of the stuberection work has been completed and some towers have been erected. During the Fourth Plan about 500Km. of 200K.V. of double circuit line and 50Km. of 132 K.V. line will be completed.

63.4. The new transmission and distribution lines for the State have to be planned broadly under two categories, firstly, those required for reinforcing the existing lines and for ensuring continuity of supply and secondly those required to extend supply to new areas. Under the new scheme

it is proposed to construct about 10 miles of 220 K.V. line and 200 miles of 132 K.V. lines, 9 miles of 66 K.V. lines and 723 miles of 33 K. V. lines. The 220 K.V. line from Joda to Orissa border to a length of 10 miles is proposed to be taken up for inter-connecting Orissa with Bihar grid. It is expected that this will be financed in the Central sector outside the State Plan. It is proposed to draw 132 K.V. lines from Chainpal of Talcher Industrial Complex for a distance of 2 miles and from Choudwar to Paradeep via Kendrapara for a distance of 65 miles to feed additional load for the port and the ancilliary industries likely to develop in that area. Besides it is proposed to extend 66 K.V. line from Joda to Balani for a distance of 9 miles to meet the load coming up in that area. In addition, net work of 33 K.V. lines extension for about 723 miles, is proposed to be taken up all over the State to cater to the industrial, agricultural and domestic loads. Attention has also been given to improving the carrier and tele-communication system. An outlay of Rs. 18 crores will be necessary for the completion of this programme. But in view of the limited resources it is proposed to limit the outlay to Rs. 9.50 crores for transmission and distribution schemes during the Fourth plan.

Rural Electrification

63.5. Under the Rural Electrification Programme priority has been given to energisation of Lift Irrigation points to accelerate agriculture production programme. The performance in Orissa has been poor compared to other States mainly due to inadequacy of transmission lines and inadequacy of funds. It is, therefore, proposed to expand and strengthen the Transmission and Distribution lines and provide more funds under Rural Electrification Programme during the Fourth Plan for energisation of the Lift Irrigation points.

63.6. During the Fourth Plan a provision of Rs. 2 crores has been made to energise 2,000 Lift Irrigation points and electricy 1,500 villages where Lift Irrigation points will also be energised. In addition 3,000 Lift Irrigation tube-wells and 5,000 dug wells in the private sector will be energised in the Fourth Plan.

63·7. The names of the schemes provided in the Fourth plan are indicated below:—

Name of the Schemes (1)	Outlay for the Fourth Plan (Rs. in lakhs) (2)
<i>Continuing Schemes</i>	
<i>Generation Schemes</i>	
1. Balimela Power ..	1,769·54
2. Balimela Dam ..	842·26
3. Talcher Thermal ..	243·95
4. Hirakud Stage-II ..	83·43
<i>Transmission Schemes</i>	
1. Balimela Transmission ..	836·93
2. Talcher Transmission ..	45·52
3. Transmission and Distribution ..	123·00
<i>R. E. Schemes</i>	
New Scheme ..	55·00
<i>Generation Schemes</i>	
1. Upper Kolab ..	400·00
2. Upper Indrabati ..	200·00
<i>Transmission Schemes</i>	
1. T. and D. Schemes ..	950·00
2. R. E, Schemes ..	1,200·00
Investigation ..	100·00
Total ..	6,849·63

Large & Medium Industries

64.1. A total outlay of Rs. 30.45 crores has been proposed under this head to take up the following programmes during the Fourth Plan period :—

Programmes of I.D.C.

64.2. No new project will be taken up by the I.D.C. The entire requirement of funds for the Industrial Development Corporation during the Fourth Plan period will be for spill over work only. The total spill over amount and the requirement of funds during the different years of the Fourth Plan period will be as follows:—

Serial No.	Name of the Spill over Scheme	Estimated spill over to Fourth Plan	Year-wise phasing of the Spill over amount					Total Fourth Plan requirement
			1969-70	1970-71	1971-72	1972-73	1973-74	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Rs.	Rs.	Rs.				Rs.
1.	Hirakud Ind. Works	25.39	15.25	10.14	..	..	..	25.39
2.	Kalinga Iron Works	410.85	350.00	60.86	..	..	..	410.85
3.	Cement Project	7.95	7.95	..	..	..	..	7.95
4.	Cable Project	9.30	9.30	..	..	..	..	9.30
5.	Re-rolling	49.81	49.81	..	..	..	..	49.81
6.	Ferro-chrome	369.50	301.50	..	..	..	..	301.50
7.	Salt Project	20.19	10.19	10.00	..	..	..	20.19
Total		813.39	744.00	81.00	..	..	..	825.00

Talcher Industrial Complex

64.3. On the suggestion of the Central Fuel Research Institute, Dhanbad to set up a Coal Chemical Complex based on coal, an investigation was conducted for locating a

Fertilizer Pig Iron Complex in Talcher. On the basis of elaborate test conducted in the Central Fuel Research Institute and the Council of Scientific and Industrial Research, a detailed project report was prepared for production of 1,38,600 tonnes of Urea and 1,68,300 tonnes of Low Phosphorous Pig Iron per annum, besides other by products like Road Tar, Benzene, etc. This project would be the demand of various precision fabrication Industries of the country. The project has the advantage of getting raw materials at short distances coal from Talcher coal fields, iron and manganese ores from the mines in Keonjhar district, lime stone from Biramitrapur in Sundargarh District and power from the 250 M.W. Talcher Thermal Station.

64.4. As early as 27th April 1964, the Ministry of Industry had issued a "Letter of Intent" for the project. The detailed Project Report prepared in collaboration with the Central Fuel Research Institute, Planning & Development Division of Fertilizer Corporation of India, National Metallurgical Laboratory and Heavy Engineering Corporation was submitted to the Government of India in December, 1964. The Report was processed in the Ministries of Mines and Metals and Finance. The Planning Commission had also appointed an Appraisal Committee to go into the details of the economic viability of the Project. In their report, the Appraisal Committee have concluded that the proposed Complex is a sound project. The project now awaits the approval of the Cabinet Sub-Committee to whom the matter has been referred by the Production Committee of Secretaries.

64.5. The estimated cost of this project is Rs. 46.80 crores. This is an important scheme which needs immediate implementation. The best course would, of course, be to have the project under the Central Sector. However, pending decision on that issue, the scheme is being included in the State Plan with an outlay of Rs. 20 crores.

Establishment of Development Areas

64.6. The estimated expenditure for Rourkela developed area alone is of the order of Rs. 1,20 lakhs towards which during the current financial year there is a provision of Rs. 6 lakhs and, therefore, for the completion of this work during the Fourth Plan period a sum of Rs. 1.14

lakhs will be required. After meeting the estimated expenditure for the Rourkela developed area (Rs. 1,14 lakhs) a balance of Rs. 16 lakhs only will be left over from out of Rs. 1,30 lakhs. It is proposed to spend this balance amount in acquiring 1,667 acres of land at Paradeep and to raise the level of the selected site by means of sand filling and to provide some roads if possible.

Financial Assistance to Large & medium Industries

64.7. In the Fourth Plan period it is proposed to give loans to as many large scale industries as possible, as are found deserving. These loans will be given strictly under the terms and conditions prescribed under the State Aid to Industries Act. To cater to the needs of deserving industries, a sum of Rs. 60 lakhs has been provided towards financial assistance in form of loan and share capital investment to large and medium industries.

Subsidy For Project Report

64.8. It is common experience that adequate technical know-how is not available to the entrepreneurs for establishment of industries. Many of the projects need elaborate study and analysis for preparation of the feasibility study and project report. The entrepreneurs are not in a position to spend substantial amounts of money for preparation of these reports. For this reason, the State Government have decided to contribute up to fifty per cent of the cost of preparation of feasibility study of Project Report, provided it is done through an agency approved by them. If the Project is not implemented within the period specified in each case on merits, the study report will become the property of the State Government. If the Project is implemented, the Government's contribution towards the preparation of the report will be converted as Government's contribution towards share capital of the Project. The issue of the policy resolution and the circulation of literature on the Industrial Potential of the State have created an awareness in concerned quarters and it is expected that many industrialists will come forward to establish industries in the State. They are also expected to ask for help in preparing the project reports. Hence the provision of Rs. 10 lakhs has been suggested in the Fourth Plan

Subsidy for Concessional Rate of Power and Sales Tax

64.9. In order to encourage the growth of industries in the State, Government propose to give concessions to the industries in the supply of power and collection of sales tax. A sum of Rs. 10 lakhs has been provided towards payment of subsidy on power and a sum of Rs. 10 lakhs has been provided for payment of subsidy on sales tax during the Fourth Plan period.

Mineral Development

65.1. Total outlay of Rs. 500 lakhs has been provided under this head in the Fourth Plan. Out of this, an amount of Rs. 1.50 lakhs is intended for the programmes of the Directorate of Mines and Rs. 3.50 lakhs for the programmes of the Orissa Mining Corporation.

65.2. Under the programmes of the Directorate of Mines, 15 schemes are included. The important schemes are indicated below:—

(a) *Re-assessment of iron reserves*—A provision of Rs. 16.60 lakhs has been made for this scheme in the Fourth Plan. The scheme comprises of survey and examination of the workings of different mines in the Keonjhar-Bonai region, examination of data pertaining to assessment of reserves, disposition of ore, quantum of fines produced in mines for the purpose of reassessment of reserves in the existing working mines besides proving an additional reserve of at least 200 million tonnes iron ore in the Keonjhar-Bonai region in collaboration with the private mine-owners (non-captive mines) and I. B. M. The provision of Rs. 16.60 lakhs made for the scheme also includes cost of four drilling machines and accessories among others.

(b) *Reorganisation of the circle administration and strengthening of the headquarters organisation*—The activities in the field of mineral development will be increased during the Fourth Plan period. Unless the organisation is suitably expanded, it may not be possible to cope with the quantum of work. Therefore a

provision of Rs. 13.56 lakhs has been made in the Plan for reorganising the field administration and Rs. 7.90 lakhs for strengthening the headquarters organisation of the Mining Directorate.

(c) *Building Projects*—Although there are 9 circle offices in the State, more than 50 per cent of staff attached to these circle offices have not been provided with residential quarters. The staff working in the check-posts in mining areas have also not been provided with quarters. Construction of buildings for accommodation of circle offices and laboratory has also been keenly felt. A provision of Rs. 17 lakhs has therefore been proposed in the Plan to set up two circle offices and laboratory buildings and staff quarters.

(d) *Development of roads in mining areas*—Lack of transport facilities in the mining areas stands on the way of speedy exploitation of mineral resources. Many of the rich mineral areas are considered un-economic at present due to transport difficulties. Emphasis has therefore been given to develop certain roads in the important mining areas in the Fourth Plan with a provision of Rs. 50 lakhs.

(e) Besides the programmes mentioned above, provision has also been made in the Plan for the following schemes with the provision against each to continue the work on survey and investment of deposits, quality tests etc.

(Rs. in lakhs)

1. Survey and Assessment of deposits by geochemical prospecting.	4.90
2. Survey and Assessment of deposits by Geophysical prospecting.	7.64
3. Minerological research ..	6.10
4. Commercial laboratory and quality control.	7.60

5. Examination of Laterites	..	4'40
6. Reorganisation of zonal survey	..	7'10
7. Creation of a Development Cell	..	5'00
8. Training of Technical personnel	..	1'10
9. Organisation of mining and geology gallery of State Museum.		1'10

65.3. During the Third Plan the Orissa Mining Corporation took up mainly 3 projects namely exploitation of iron ore reserves of Daitari mines, exploitation of limestone deposits from During mine and construction of a Dam to supply water to Daitari iron ore project area. The spill-over expenditure on account of these projects has been provided in the Fourth Plan. Besides, the new project for exploitation of iron ore deposits from the Malangtoli Block in Keonjhar and Sundargarh districts will be taken up by the O. M. C. during the Fourth Plan. The details of the schemes and the provision suggested under each are indicated below:—

- (a) *Daitari Iron Ore Project*—This project has a reserve of 48.59 million tons of iron ore. The total outlay of the project will be of the order of Rs. 9,33.21 lakhs. Expenditure till February 1968 has been to the tune of Rs. 7.00 lakhs out of which the State Government have contributed Rs. 4,24.38 lakhs as share capital to O. M. C. The spill-over expenditure of this project provided in the Plan is Rs. 1.20 lakhs and the balance will be met by the Corporation from their own resources.
- (b) *Dunguri Limestone Project*—This project has a reserve of 28.6 million tons. The total outlay of this project is Rs. 1.68 lakhs. Till now only Rs. 33 lakhs have been spent. This project has been supplying limestone to Baragarh Cement Factory. According to the requirement of the Cement Plant, the capacity of the project is to be increased to 2,400 Metric tonnes per day from 1,000 tonnes per day at present. In order to complete this project

soon it has been proposed to provide in the Plan a sum of Rs. 1,00 lakhs for investment in the O. M. C. either in shape of loan or in shape of share capital.

- (c) Permanent dam in Daitari : This project is meant to supply water to Daitari Iron Ore Project area. The revised estimate of this project is Rs. 36.81 lakhs. The O. M. C. is executing this project, on behalf of the State Government. Therefore the State Government have advanced an amount of Rs. 6 lakhs for the project and the balance of Rs. 30 lakhs will be reimbursed by Government during the Fourth Plan period.
- (d) Exploitation of Malangtoly deposits : Detailed investigation of the iron deposits in the Malangtoly Block in Keonjhar and Sundargarh districts was undertaken by the G. S. I. in March 1963 with a view to prove the reserves of about 150 million tons of high grade (63 per cent and above) lump iron ore for exploitation for export through Paradeep-Nayagarh rail link. As a result of detailed investigation, it has been estimated that there is a total reserve of about 322 million tons of iron ore of all grades including fines and lumps, out of which about 162 million tons of lump ore are likely to be recovered. It is proposed to exploit this rich iron ore region through the O. M. C. during the Fourth Plan and for the scheme the minimum requirement of Rs. 100 lakhs has been provided in the Fourth Plan.

Village and Small Industries

66.1. Outlay of Rs. 567 lakhs has been proposed in the 4th Plan under this head and its break-up is indicated below :—

		(Rs. in lakhs)
1. Small Scale Industries	..	247.32
2. Purchasing Organisation	..	30.00
3. Industrial Estates	..	83.70
3. Handicrafts	..	34.25
5. Coir	..	1.50
6. Village Industries	..	10.00

7. Handlooms	..	124·71
8. Power Looms	..	20·11
9. Sericulture	..	15·00

Total —566·54 or say Rs. 567 lakhs

66·2 Small Scale Industries :—As a promotional measure for development of Small Scale Industries, it is proposed to continue the scheme of giving loan assistance to industrial concerns and private parties on liberalised terms and conditions under the State-Aid to Industries Act. Loans will be given for establishment of new industries and expansion of existing ones. Provision of Rs. 40 lakhs has been suggested for the scheme in the fourth plan. A provision of Rs. 8 lakhs has been suggested in the plan to provide share capital and working capital loan to 25 Industrial Co-operatives. A sum of Rs.1 lakhs has been provided in the plan for payment of power subsidy to 300 Small Industries. The Agro and Small Scale Industries Corporation has hitherto been dealing with only raw materials allotted to the State for small industries but now it has been directed to stock iron and steel materials to meet the requirements of the Industries for which heavy capital is necessary. Provision of Rs. 10 lakhs is therefore proposed in the 4th plan for investment in this Corporation and Rs. 10 lakhs for payment of commission for services by it. As a measure to give relief to the Co-operative industries, Central Financing agencies will be subsidised in respect of interests, payable by Industrial Co-operatives and under this scheme, a sum of Rs. 10 lakhs has been proposed for popularising the industrial products and finding new markets for them, the scheme of participating in important trade and industries fairs and exhibitions at different important places will be continued and a provision of Rs. 2·50 lakhs has been proposed. For development of ancillary industries around the large and medium industries, necessary staff is being maintained and for enabling such industries to buy and possess certain precision items of plants and machinery to produce standard goods, a Common Facility Centre and Tool Rooms has been established at Rourkela. This scheme will be expanded and run in

the 4th plan and a provision of Rs. 32.57 lakhs has been suggested. For construction of a Tunnel Kiln in the reorganised Pottery Development Centre, now manufacturing insulators as a commercial unit, a provision of Rs. 6 lakhs has been suggested. Expansion of the Government Shoes factories at Cuttack and Jharsuguda will be taken up with an outlay of Rs. 4.50 lakhs. The Planning and Design Cell created for making detailed Techno-economic survey of this State, compiling and analysing the relevant data for promotion of industries, preparation of feasibility reports, will be continued with an outlay of Rs. 5 lakhs. A sum of Rs. 80 lakhs will be contributed to the share capital of the Orissa State Financial Co-operation for expanding its activities and to make sufficient profits to pay guaranteed dividend. A sum of Rs. 10 lakhs has been provided to meet the requirement of the Board of Scientific and Industrial Research which has been helping research works in various technical institutions of the State. For share capital investment in small scale industries including pilot projects and Panchayat Industries, a provision of Rs. 25 lakhs and for the staff meant for internal audit of industrial co-operatives a sum of Rs. 7 lakhs have been proposed.

Purchasing Organisation

66.3 With the provision of Rs. 30 lakhs suggested under this head, the programmes of work to be taken up are completion of Quality Testing Laboratory at Cuttack and establishment of a new laboratory at Rourkela (Rs. 5 lakhs); continuance of the Export Promotion Cell (Rs. 7 lakhs); continuance of the scheme for collection and dissemination of industrial intelligence (Rs. 77,000); construction of a Show house, participation in international fairs and expenditure on staff etc., under the Scheme 'Marketing assistance to local industries' (Rs. 13.73 lakhs); continuance of the Central Store purchase scheme (Rs. 2.50 lakhs); and establishment of an Export House (Rs. 1 lakh) in order to assist the industries in business abroad besides giving managerial and technical help etc.

Industrial Estates

66.4. It has been proposed to expand the existing industrial estates at Cuttack and Rourkela consisting of 12 'B' type and 10 'C' type buildings and to set up new industrial estates at Cuttack (Jagatpur) Rourkela, Talcher,

Sunabeda and Paradeep consisting of 35 'B' type and 27 'C' type buildings in the Fourth Plan for which a sum of Rs. 83.70 lakhs has been provided.

Handicrafts

66.5. Provision has been made mainly for investment in Brass and Bell Metal industrial Co-operatives, Co-operative silver filigree works Ltd., Horn and Ivory Co-operative Society at Cuttack and Paralakimedi, Applique Co-operative Society at Pipil, Orissa Co-operative Handicrafts Corporation. Provision has also been proposed for participation in exhibitions, International Trade and fairs and for payment of the balance cost of this land allocated by the Government of India for construction of Handicrafts Emporium building at New Delhi.

Coir

66.6 The existing Training-cum-Production Centre will be strengthened by providing requisite workshed, machinery, staff, etc. The production programme will be carried through the existing Co-operative Societies and two new Co-operatives will be set up. Provision has been made for giving financial assistance in shape of working capital loan, share capital loan, subsidy for managerial expenses, godowns and implements.

Development of Khadi and Village Industries

66.7. The working of the Khadi & Village Industries Board was not found satisfactory and hence it has been dissolved from 13th March 1968. The State Government has now to carry on the scheme for development of village industries in the State. A modest provision of Rs. 10 lakhs has therefore been proposed in the plan on this account.

Handlooms

66.8 Provision included in this programme are mainly related to (a) Share Capital loan to W. C. S. (Rs. 5 lakhs) (b) Rebate (Rs. 16 lakhs) (c) Funds for working staff subsidy expansion of the Co-operative Spining Mills (Rs. 28.04 lakhs) (d) Organisational expenses (Rs. 10.47 lakhs) (e) interest subsidy on R. B. I. loans (Rs. 3.50 lakhs) (f) Working Capital loan to W. C. S. (Rs. 5 lakhs) and (g) Loan and subsidy to W. C. S. for godowns (Rs. 8.00 lakhs).

Powerlooms

66.9 The amount of Rs. 20.11 lakhs provided in the Plan is intended for giving financial assistance to six Powerlooms Weavers' Co-operatives Societies.

66.10 Sericulture schemes will be continued and expanded in the 4th Plan with an outlay of Rs. 15 lakhs. The proposed programme mainly includes Rs. 2.15 lakhs for headquarters staff for administration of sericulture, Rs. 5.22 lakhs for strengthening of staff for supervision of T. R. C. S. and Rs. 4.03 lakhs for subsidy to State Tasar Co-operative Societies Ltd.

Roads

67.1 The communication system in the State is still in an undeveloped stage. An amount of Rs. 22.50 crores has been provided for development of communications in Orissa during the 4th Plan period out of which an amount of Rs. 12.75 crores has been ear-marked for P. W. D. roads, Rs. 8.5 crores for Rural roads both under P. W. D. and R. E. O. Rs. 50 lakhs for Panchayat Samiti roads and Rs. 75 lakhs for urban roads. Under the programme the following physical targets are envisaged during the Fourth Plan period :—

1. Metalling of roads	..	826 Miles
2. Black-to-opping of roads	..	629 Miles
3. New Construction of roads	..	107 Miles
4. Construction of bridges	..	296 Miles
5. Extension and improvement of air-strips.		9 Miles
6. Gravelling the rural roads	..	657 Miles
7. Improvement of Rural roads	..	384 Kms.
8. Construction of O. D. R. standard roads.		158 Kms.
9. Development of Municipality roads	..	600 Kms.

Road Transport

68-1. The Transport set up in the State has been re-organised. Regional Transport officers have been appointed in different districts under the State Transport Authority. This branch is incharge of collection of motor vehicle taxes, grant of permits and licences, etc. The creation of a planning and development cell is envisaged for which a sum of Rs. 10 lakhs has been provided under the plan schemes.

68-2. In order to render proper servicing facilities for the transport fleets operating in the inter-State routes and other major roads of the State it is proposed to provide a sum of Rs. 10 lakhs for the establishment of truck terminals so that truck operators, drivers and labourers engaged in long distance roads can be given facilities for rest and other such amenities. In the truck terminals near the high-ways suitable parking places will be established with facilities for repair and servicing to the vehicles. Participation of private sector in the establishment and operation of truck terminals is expected.

State Transport Service

68-3. An outlay of Rs. 2 crores has been proposed for the State Transport services out of which a sum of Rs. 110 lakhs will be spent for purchase of new buses, Rs. 70 lakhs for lands and buildings and Rs. 20 lakhs for tools and plants.

Ore Transport

69-1. This scheme was taken up during the Third Plan period. The Commercial Transport Corporation utilised an additional sum of Rs. 1.10 crores for the purchase of trucks, over and above the revised outlay of Rs. 3 crores. On the whole a sum of Rs. 4.10 crores has since been spent in this scheme. For the Fourth Plan period a sum of Rs. 1 crore has been provided for transportation of mineral ores from the mining areas to Paradeep port.

Inland Water Transport

70-1. An outlay of Rs. 10 lakhs only has been provided to develop the Taldanda Canal which connects Cuttack with Paradeep and suitable for transport of ores and markatable commodities to and from villages on the canal route ending with Paradeep.

Tourism

71.1. An outlay of Rs. 54 lakhs has been provided to develop the places of archeological and historical monument sites of Udayagiri, Lalitigiri and Ratnagiri; to provide recreational facilities to the tourists in the Chilka Lake area; expansion of Puri sea beach and a marine drive from Konark to Puri. Besides, a few approach roads and tourist bungalows will be taken up during the 4th plan period. The archeological spots at Bhubaneswar will also be developed in line with the scheme for Capital development. Steps have been taken for provision of funds for the tourist vehicles, guides and tourist literature.

Education

72.1. This State has not yet been able to catch up with the advanced stage in the field of extension of education facilities on account of limited resources. The percentage of enrolment in primary, higher primary and secondary education are at 71.0, 23.3 and 10.8 respectively, by the end of 1968-69. Seven out of 13 Districts of Orissa are inhabited by scheduled tribes and scheduled caste and they constitute 44 per cent of the total population. Expansion at the Primary stage to achieve the objective of compulsory free primary education has been kept in view. Special measures have been provided for increased education facilities to the back ward areas and weaker sections of the society.

Primary Education

72.2. The target for enrolment has been fixed at 87.5 per cent of the total population in the age group 6—11 as against the present level of 71 per cent at the end of 1968-69.

Secondary Education

72.3. Programme for expansion at this stage has been kept to the minimum by making provision for inescapable expansion. Special emphasis has been laid on the location of high schools in the rural and backward areas.

Higher Education

Considerable restraint has been established in opening of new College for Universities during the plan period. Provision has been made to adopt the regional language at the University stage in a phased manner to be completed by the middle of the Fourth Plan. Development of post-graduate education and research has been given due emphasis and attempt has been made to raise the standard of Ravenshaw College and other two Post-graduate College. Care, has been taken for continuing the schemes for adult education and other such types of education.

72.5. It is proposed to open 10 new C. T. Schools and upgrade 30 Elementary Training Schools from the existing 37 schools in order to improve teaching in the Primary Schools of the State. This will not be adequate as there will be a back log of untrained Matriculates teachers of 16,712 at the end of Fourth Plan. Similarly, there will be a back log of 2,629 untrained graduate teachers. It is necessary to open two new Training Colleges with a capacity of 120 each and to increase the capacity to 132 each in the existing colleges in order to clear the back log to the extent of 1,388. It is not possible to open new Colleges due to constraint in State resources.

72.6. Refreshers course for the teachers, vocational training for the higher primary schools, improvement of science education, special scheme for girl's education and nationalisation of text books have been kept in view in the plan programme.

72.7. A total outlay of Rs. 23.77 crores has been provided to be expended during the 4th plan period and the details of the scheme and expansions are mentioned in the Statement II annexed herewith.

Technical Education

73.1. An outlay of Rs. 2.47 crores has been provided for scheme on expansion of vocational training at different levels. The scheme envisaged relate to grant-in-aid to Engineering College at Burla and other technical schools and institutions ; training of technical teachers . In addition to the existing two technical schools at Chowdwar and Aska it is contemplated to start 2 more such schools during the plan period. It is also proposed to start a polytechnic

for women under the management of D. A. V. Trust. The Mining School at Keonjhar will be reorganised by introduction of new subjects e.g. Surveying and Applied geology. There is a scheme also to impart higher specialised training in industrial management and cost Accountancy in the Cost and Works Accountancy training centre at Cuttack. It has also been contemplated to introduce post-graduate courses at Rourkela Regional Engineering College and to upgrade it to the standard of R. T. I. of all India pattern.

Cultural Development

74-1. Works relating to expansion of Museum, protection of archeological sites and monuments, collection of old records and their preservation, financial aid to cultural associations, engaged in dance, drama and music inside the State are included in the various activities of this sector. Necessary financial aid are also being given to Sport and Gymnastic Institutions. The work of revision of District Gazetteers is also being undertaken.

74-2. Out of the total outlay of Rs. 55 lakhs provided for the cultural activities of the State during the Fourth Plan period, a sum of Rs. 10 lakhs has been ear-marked for revision of District Gazetteers and the balance of Rs. 45 lakhs will be expended for schemes for expansion of the State Museum and collection of antiquities, preservation of archeological interest and preservation of valuable old records for which sums of Rs. 18 lakhs, Rs. 4 lakhs and Rs. 9.45 lakhs respectively have been ear-marked. For giving financial aid and grants to the Orissa Sangeet Natak Akademi, Orissa Sahitya Akademi and other miscellaneous purposes Rs. 21 lakhs has been ear-marked out of the total outlay.

Revision of District Gazetteers

74-3. The scheme for Revision of District Gazetteers proposes to bring out up-to-date gazetteers for the 13 districts of Orissa. So far, Gazetteers for districts of Mayurbhanj and Koraput have been printed and the printing relating to the gazetteer for the district of Bolangir is nearing completion.

74-4. Preliminary compilation in respect of gazetteers for districts of Balasore, Cuttack, Keonjhar, Phulbani, Sambalpur, Ganjam, Sundargarh and Kalahandi have

already been completed. In respect of the gazetteer for districts of Puri and Dhenkanal, Government of India's approval has already been obtained. However the final processing of the materials in respect of the 8 districts and certain revisions considered necessary for the later 2 districts will take some time and it is expected that the printing of 10 volumes will be completed by the end of the Fourth Five-Year Plan period, taking on the average 2 volumes per year. The total estimated requirement has been put at Rs. 10.00 lakhs for the entire Fourth Plan period.

Health

75.1. An outlay of Rs. 13.00 crores has been provided for this head of development.

75.2. The main difficulty faced in execution of health scheme was due to shortage of medical and paramedical personnel. At present, 3 medical colleges are continuing with 400 annual admissions. Post-graduate medical facilities have since been extended by upgrinding various departments in the Medical Colleges. Training facilities for nurses, auxiliary nurse midwives, pharmacists sanitary Inspectors, Laboratory Assistants and Radiographers have been extensively expanded.

75.3. In the Fourth Plan it is contemplated to provide 900 additional beds besides the increase in specialised beds. There is a proposal to establish one children hospital, 3 I. D. hospitals and one mental hospital during the Fourth Plan period. Steps are being taken to improve Subdivisional hospitals and District headquarters hospitals and other important hospitals by providing referral services. Besides, 10 x-ray sets and 10 Ambulance services will be provided to 10 important hospitals. A full fledged cancer Institute is also kept in view by developing the cancer wing of S. C. B. Medical College, Cuttack.

P. H. C. Programme:—

75.4. The State has been divided into 314 Blocks and Block will be provided with primary health centre by end of 1968-69. But only 143 P. H. C. buildings have so far been completed. The remaining buildings will be completed during the Fourth Plan period.

Communicable Diseases

75.5. The whole of Orissa was highly malarious. By the sustained efforts of N. M. E. P. substantial check could be effected and the scheme will be continued during the Fourth Plan period.

75.6. Filariasis has a high incidence in the State. During the Fourth Plan it is proposed to establish 20 urban and 20 rural Filariasis Control Units and a State Bureau of Filariasis will be established to guide the Filariasis Control Programme in the State. Steps have also been taken for provision of schemes for prevention and treatment of Leprosy, T. B., Cholera and Small-pox cases.

Ayurvedic and Homoeopathy

75.7. Special care has been taken to encourage Ayurvedic and Homoeopathic treatments. It is proposed to establish two Ayurvedic Hospitals in the State during the Fourth Plan period. In respect of Homoeopathy, it is proposed to establish one Homoeopathic College with a 30-bedded hospital attached to it at the State headquarters.

Family Planning

75.8. This is a Centrally sponsored scheme. It has been proposed to extend its activities to a great extent in the densely populated areas and 26 mobile I. U. C. D. Units are being opened in the Fourth Plan period besides the 13 units already in existence. It is also proposed to open Rural Family Planning Organisation in at least 25 more P. H. Cs. besides the existing 231 such organisations.

Urban Water Supply

76.1. An outlay of Rs. 9.33 crores has been provided for supply of protected water in urban and rural areas and sewerage and drainage schemes in urban areas. The incomplete 17 schemes will be completed during the Fourth Plan period. During the Plan period it is proposed to spend Rs. 377 lakhs for completion of the schemes.

Sewerage Scheme

76.2. Sewerage schemes are being taken up simultaneously with the lay down of water supply schemes lest the full benefits of clean water supply may not be available.

to the people. For the first time the sewerage scheme was taken up in Cuttack, the biggest and the only city in Orissa. The estimated cost has gone up to Rs. 549·00 lakhs. Instead of diverting the additional resources to any other areas it is proposed to spend an amount of Rs. 481 lakhs on the sewerage scheme of Cuttack town during the Fourth Plan period so as to complete the main scheme.

Rural Water Supply

76·3. It is essential to provide drinking water facilities in the rural areas and a Master Plan has been drawn up for each district for providing the minimum facilities according to the population coverage. The Panchayat Samitis are implementing the Master Plan and necessary funds are being provided from the budgets of C. D., Rural Welfare and National Water Supply and Sanitation Scheme. Only 88 villages have so far been covered under provision of tube-wells under National Water Supply scheme. It has been proposed to cover 463 villages by provision of tube-wells under National Water Supply Scheme. Only 88 villages have so far been covered under this programme. A large number of villages in the State are either hyperindemic. During the Fourth Plan, a total sum of Rs. 75 lakhs has been proposed for expenditure against these schemes.

Housing

77·1. An outlay of Rs. 225·00 lakhs has been provided to take up housing works under Integrated Subsidised Housing Scheme, Low Income Group Housing Scheme and Village Housing Project Schemes. Under the Integrated Subsidised Housing Scheme Government themselves take up construction whereas under the L. I. G. H. Scheme and V. H. P. Scheme loan assistance are sanctioned to private persons. Besides a provision of Rs. 10 lakhs has been made for contribution to the newly set up State Housing Board during the Fourth Plan period. A Housing Statistical Cell is proposed to be opened in the Department for collection and analysis of Housing Statistics, for which a provision of Re. 0·50 lakhs has been made.

77·2. The Slum clearance scheme is also being executed through local bodies. It is proposed to construct 390 more tenements during the Fourth Plan period.

Urban Development

78.1. Under this head of development an outlay of Rs. 75 lakhs has been provided during the Fourth Plan period. The amount provided will be expended on town Planning, grant to local bodies and expenditure on some non-remunerative works like establishment of libraries, reading rooms, town halls, school buildings and other works of social nature.

78.2. Schemes will be taken under "Town Planning"

- | | |
|---|--|
| 1. Preparation of Urban Development plans | Balasora, Bhadrak, Baripada, Telcher. Industrial complex, Joypure, Bhawanipatna, Bolangir and Baragarh town. |
| 2. Preparation of Development Plans for Agro-Industrial Town | Kendrapara, Jaleswar, Khurda, Jatni, Banki, Soroda, Parlakhemedi, Rayagada, Soro and Sonepur, |
| 3. Preparation of Development Plans for rapidly growing districts | Cuttack |
| 4. Preparation of Demonstration village Plans | Boriguma, Baripada and Jajpur |

78.3. The municipalities and N. A. Cs., are given loans and grants for various remunerative works such as renovation of tanks for pisciculture, street lighting, construction of market building, which will fetch income to supplement the resources of concerned local bodies. A sum of Rs. 40 lakhs has been provided under this head.

78.4. The said local bodies will also be given grants for non-remunerative schemes as stated above for which a sum of Rs. 10 lakhs has been provided during the Plan period.

Welfare of Backward Classes

79.1. The welfare schemes under this head are meant for the welfare of Scheduled Castes and Scheduled Tribes. These are categorised in 3 groups namely Educational, Economic & Health Housing and other schemes. A total

plan outlay of Rs. 5 crores has been provided for the schemes under the main broad heads as indicated below:—

Name of the group	Scheduled Tribes	Percentage of the total outlay	Scheduled castes	Percentage of the total outlay	Total	Percentage of the total outlay
Education ..	259.75	51.95	76.25	15.25	336.00	67.20
Economic Uplift ..	63.50	12.70	7.50	1.50	71.00	14.20
Health Housing and Other Schemes	61.00	12.20	32.00	6.40	93.00	18.60
	384.25	76.85	115.75	23.15	500.00	100.00

Education

79.2. Provision has been for the important schemes like distribution of scholarships, construction of hostels, Sevashrams, Residential Primary Schools and Up-gradation of existing Bidyalayas into High Schools, besides continuance of the existing schemes.

2. Economic Uplift

79.3. Schemes for the settlement of shifting cultivators, subsidy for Cottage Industries, Poultry, Fishery, Piggery and Goat breeding and rural communication are taken up for the economic upliftment of the tribal and scheduled caste people. A number of colonies have been established without adequate provision of irrigation facilities. Hence it is proposed to invest about Rs. 15 lakhs. A sum of Rs. 30 lakhs has been provided for the development of major roads in the tribal areas. An outlay of Rs. 2 lakhs has been provided to eliminate the existing Bondage labour system (Goti system) as it is considered to be very much unsocial to continue with the said serf system.

Health, Housing and other schemes

79.4. Important schemes under this group are—Aids to unofficial organisations for anti-Leprosy and anti-T. B. control in tribal areas, legal aid, quarters for field staff, replacement of vehicles, subsidy for housing, electrification of Adivasi and Harijan villages and institutions etc. In order to facilitate treatment of scheduled tribe people in T. B.

Sanatorium and other hospitals and to control Leprosy which is rampant in the tribals, necessary provision has been made for reservation of seats in the Sanatorium and hospitals.

79.5. A provision of Rs. 7 lakhs has been made for electrification of certain selected areas which should go towards the peoples' contribution for expanding electric lines.

Social Welfare

80.1. A total outlay of Rs. 31.50 lakhs has been made to be expended broadly on the following schemes during the Fourth Plan period :—

	(Rs in lakhs)
1. Women Welfare ..	1.25
2. Child Welfare ..	1.50
3. Social defence ..	20.25
4. Education of handicapped children.	6.00
5. Grant to Voluntary Organisations.	2.50
Total ..	31.50

Construction of a Women Hostel

80.2. This hostel will be constructed at Bhubaneswar the State Capital to facilitate accommodation provision for a large number of lady workers engaged in various fields. A provision of Rs. 1.25 lakhs has been made for this purpose.

Child Welfare Centres

80.3. It is aimed to open 20 Child Welfare Centres at the rate of 2 centres in 10 districts at a total cost of Rs. 1.50 lakhs. Through these centres care of Children would be taken in pre-school stage.

Probation Hostel at Angul

80.4 A building has since been constructed at Angul but for running it in the Fourth Plan a sum of Rs. 2.00 lakhs has been ear-marked.

Remand School at Berhampur

80-5. The main building has been constructed. A provision of Rs. 2-55 lakhs has been made for construction of staff quarters.

Welfare Services in Prisons

80-6. A sum of Rs. 2-70 lakhs has been made for the welfare activities of prisoners to lessen their inner habits.

80-7. To meet the cost of Probation services at a probation hostel a sum of Rs. 1-00 lakh has been provided.

Certified School

80-8. In order to aggregate youthful offenders and to impart them training, this school is being proposed to be established at Angul at a cost of Rs. 3 lakhs during the Fourth Plan.

80-9. Building for After Care Offices

80-10. A sum of Rs. 4 lakhs has been earmarked for the building programme and Rs. 1-50 lakhs has been earmarked for staff expenditure.

80-11. In order to encourage institutions for After Care Shelters Rs. 0-50 lakhs has been earmarked.

80-12. For handicapped children, a number of schemes have been suggested by the State Council for Child Welfare. A sum of Rs. 6-00 lakhs has been provided.

80-13. In order to encourage the activities of voluntary social welfare organisations Rs. 2-50 lakhs has been earmarked.

Labour Welfare

81-1. The main object of this scheme is to strengthen the labour machinery so as to ensure effective implementation of Labour Laws. Besides, labour welfare schemes like opening of Multipurpose Labour Welfare Centres and Reading Room-cum-Recreation Centres and conducting Labour seminars, etc., have been taken up. During the

Fourth Plan it has been proposed to spend Rs. 7.16 lakhs. Under this head of development, the following schemes are also under operation.

Employees State Insurance Schemes

81.2. This scheme for providing medical facilities to industrial workers is implemented with 7th/8th contribution by E.S.I. Corporation. The State Government bears 1/8th of the expenditure. Till 1967-68 one 12 bedded T. B. Ward at Choudwar and 12 dispensaries in different industrial belts of the State have been opened and 3,20,000 insured persons along with their family members have been covered with the scheme. During the year 1968-69, it has been proposed to open 3 more E. S. I. dispensaries. During the Fourth Plan period it is proposed to establish six hospitals with 230 beds and extension of the scheme to new industrial areas by opening 8 more E. S. I. dispensaries. Out of the estimated cost of Rs. 63.20 lakhs, the State share will be Rs. 7.90 lakhs.

Employment Scheme

81.3. The problem of unemployment in the State has assumed serious concern. With a view to finding out employment for 15.23 lakhs persons Employment Exchanges will have to be geared up besides vocational guidance and collection of Employment Market Information, etc. A sum of Rs. 11.94 lakhs has been earmarked for this purpose.

Craftsman Training

82.1. The outlay of Rs. 2.03 crores has been provided to run the craftsman training programmes. Necessary vocational training facilities have been accorded at the existing ten I. T. Is. Proposals have been incorporated to set up two new I. T. Is. for women at Rourkela and Bhubaneswar. The total admission capacity of the training institutes is 3,740. Steps have been taken to abolish the unpopular trades and introduce new trades which have demand in the employment market. Provisions have also been made for establishment of two training institutes of Government of India approved pattern to impart trainings to local artisans.

82.2. The State council for training in vocational trades is conducting various trade tests.

Public Co-operation

83.1. The head of development 'Public Co-operation' includes two schemes, viz., (1) Organisation of Planning Forums, (2) Lokakaryakhetra Programme. Activities undertaken by the Planning Forums include Plan Week, Debates and Seminars, etc., so as to rouse consciousness in the minds of the Public about the plan programmes implemented in phased manner. Taking up of studies of the local problems in rural areas was one of the remarkable programmes implemented by the Forums.

83.2. During the year 1968-59 the execution of Lokakaryakhetra Programme has not been done pending final instruction of Government of India. But it is expected that during the Fourth Plan period some such programme will be undertaken by voluntary organisations.

83.3. Keeping the above two programmes in view an amount of Rs. 3 lakhs has been provided in the Plan as against Rs. 2 lakhs expended during the Third Plan period.

Statistics

84.1. Keeping in view the recommendation of the Planning Commission and Working Group on Statistics of the C. S. O., an outlay of Rs. 50 lakhs has been proposed for implementation of the following schemes during the Fourth Plan period. The activities of this Department have expended for implementation of various statistical work undertaken at the instance of the State Government, Central Statistical Organisation and Ministry of Food and Agriculture, Government of India. As the District Statistical Offices are being held on rented houses and the officials concerned are going without staff quarters necessary provision has been made for the construction of their offices and quarters.

Schemes	Outlay (Rs. in lakhs)
1. Strengthening of B. S. E. for Research Study ..	6.00
2. Agronomic and Agro-Economic Studies ..	2.00
3. Surveys and Studies on Labour and Employment	2.70
4. Construction of office buildings in 8 districts ..	5.50
5. Setting up of Statistical Training Institute ..	7.20
6. Survey of Small Scale and Cottage Industries ..	3.50

7. Integrated Sample Survey for estimation of acreage under rice crops and yield rate of 14 important crops.		10.50
8. Unit for Statistics of Resources Planning	..	2.50
9. Demographic Studies	..	3.00
10. Improvement of State Income Estimates	..	2.00
11. Improvement of Irrigation statistics	..	3.00
12. Other miscellaneous schemes	..	2.10
	Total	50.00

Publicity

85.1. An outlay of Rs. 75 lakhs has been provided for the Fourth Plan period to meet the expenditure in connection with mobile units for audio-visual and purchase of modern film equipments, photographic equipments, exhibitions, strengthening of District Information Centres, community-listening scheme and expansion of radio rural forums. Provision has also been made for production of publicity literature relating to developmental activities of various departments including plan publicity.

State Capital Project

86.1. More construction of official buildings, residential quarters, extension of water supply, sewerage and lighting facilities to different Units in the New Capital are pressing problems as many departmental offices are being shifted from Cuttack to Bhubaneswar. Even the main Secretariat building warrants immediate expansion and a large number of offices and departments are yet to shift from Cuttack. Till the end of the Third Five Year Plan a sum of Rs. 10.14 crores has been spent. The allocation in the last two annual plans was limited to Rs. 1.50 crores only which was utterly inadequate for the Capital Construction Project.

86.2. The dire need of the Capital is to quickly provide residential accommodation to the Government employees. So far only 5, 276 quarters were constructed and the present deficit runs to nearly 6,000 quarters of different types. The extension of water supply and lighting facilities are yet to be provided to 4 more Units.

86.3. Therefore schemes have been prepared for the expansion of Secretariat building, construction residential quarters and office buildings and extension of water supply,

sewerage and lighting facilities for which an outlay of Rs. 6.56 crores has been provided. This includes an amount Rs. 50.00 lakhs for water supply and sewerage.

Government Press

87.1. The only plan scheme, i.e., reorganisation and expansion of Government Press has been kept in view for which an outlay of Rs. 80 lakhs has been provided during the Fourth Plan period. The intention is to equip the Government Press in modern lines, mechanical composition, Photo composition, Type and stripping, costing machines, printing and binding machines.

87.2. On account of increase of developmental activities, pressing work in shape of reports, souvenir, periodicals, publications and forms, etc., increased numerously. It is not possible to quantify the production capacity of the Press by the end of the Plan period. However, it may be stated here that the production capacity of the Press is now 15,92,07,639 in terms of impression by providing employment opportunities for 2,383 persons. The Press has now become very unwidely and it is contemplated to remove certain sections of the Press to Bhubaneswar and to take up construction of some buildings in future. The proposed outlay will only meet the cost of machinevics and equipments.

State Evaluation Organisation

88.1. An outlay of Rs. 5 lakhs has been provided for the Fourth Plan Period.

88.2. This unit is conducting Evaluation Surveys in order to make an assement of progress of Plan schemes and to analyse the reasons for success or failure and to suggest remedial measures for the implementation of programmes.

89.3. During 1967-68 five studies pertaining to Rural Works Programme, Consumer Co-operative and Idicator of Economic Development, etc., were conducted. During the year 1968-69 seven such studies have been proposed, and for 1969-70 it proposes to take up 9 studies on varied subjects.

STATEMENT I

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement I

Outlays and Expenditure

(Rupees in lakhs)

Serial No.	Head/Sub-Head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9

1 *Agricultural & Allied Programme.*

(i) *Agricultural Production*

1	Improved Seed Programme ..	10.84	9.24	19.09	7.23	14.57	9.57	
2	Manures and Fertilisers ..	11.55	3.98	5.30	0.25	2.75	2.75	
	Plant Protection ..	28.52	14.87	28.26	11.98	13.11	12.11	
4	Agricultural Implements ..	38.14	15.47	21.17	22.51	7.22	11.22	
5	Commercial Crops ..	28.54	6.73	0.07	10.30	27.63	19.63	
6	Agricultural Education ..	16.46	9.20	14.37	2.34	3.50	3.50	

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Outlays and Expenditure

(Rupees in lakhs)

Serial No.	Head/Sub-Head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
7	Agricultural Research ..	8.74	4.95	9.63	3.65	13.09	11.09	
8	Extension Training & Farmer's Education.	21.40	17.24	17.67	14.00	12.62	12.62	
9	Agricultural Statistics ..	2.71	0.36	..	..	1.54	1.54	
10	Intensive Cultivation Programme (IADP, IAAP, & HVP).	58.81	38.06	111.40	26.00	67.36	55.36	
11	Land Development ..	26.00	13.59	15.30	10.12	24.00	24.00	
12	Consolidation of Holdings ..	..	..	..	..	..	..
13	Others—							
	(a) Improved Agricultural Practices.	33.59	20.20	24.61	11.94	12.83	12.83	

(b) Horticultural Development.	10.30	5.00	16.68	5.68	10.00	9.00
(c) Vegetable and Potato Seed Production Programme.	34.93	29.39	29.68	35.50	29.59	29.59
(d) Development of Plantation Crops.	4.59	..	2.22	0.39	2.62	2.62
(e) Commercial Utilisation of fruits and vegetables preservation.	4.53	0.66	2.76	0.20	1.29	1.29
(f) Information Service..	1.27	0.88	1.19	0.82	2.35	2.35
(g) Extension Organisation and Staff.	4.36	5.28	11.98	0.57	1.29	1.29
14 Ayacut Development Programme.	..	..	4.92	0.71	3.00	3.00
Total - Agricultural Production	345.26	195.10	336.30	164.19	250.26	224.36

DRAFT FOURTH-FIVE-YEAR PLAN (1969—74)

Annexure II

Statement I

Outlays and Expenditure, 1966 to 1969 (Rs. in lakhs)

Sl. No.	Head/Sub-Head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
<i>Agricultural Production</i>							
1	Minor Irrigation (Flow)	232	176	200	173.04	58	58

DRAFT FOURTH-FIVE-YEAR PLAN (1969—74)

Annexure II

Statement I

Outlays and Expenditure, 1966 to 1969

(Rs. in lakhs)

Sl. No.	Head/Sub-Head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated Expenditure
1	2	3	4	5	6	7	8
1	Lift Irrigation	73.00	84.53	67.00	52.93	32.00	32.00

APPENDIX A

Annexure II

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Outlays and expenditure 1966—69

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
<i>Agricultural Production</i>							
1	Soil Conservation ..	29.71	19.01	25.00	17.47	15.00	15.00

DRAFT FOURTH FIVE-YEAR PLAN

Annexure II

Statement I

(Figure in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure un-verified	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
1	Animal Husbandry	91.30	56.71	76.31	60.97	44.05	44.05
2	Dairying & Milk supply	4.00	1.18	6.23	4.21	5.95	5.95
Total—Animal Husbandry and Dairying & Milk Supply.		95.30	57.89	82.54	65.18	50.00	50.00

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Outlay and expenditure 1966 to 1969

Annexure II
(Rupees in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Actual expenditure
1	2	3	4	5	6	7	8
1	I—Agricultural and allied programme.						
	(i) 13—Forest ..	70.00	61.00	68.00	68.00	50.00	67.00
							(Inclusive of quick-growing species and Farm Forestry).

MEMORANDUM

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Annexure I

Statement I

Fisheries Development—Fourth Plan—Orissa State

Outlays and expenditure 1966-1969

(Rupees in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
1	D. No. 32—31—Agri. Fisheries	55.20	33.55	43.20	19.89	25.00	25.00

DRAFT FOURTH FIVE-YEAR PLAN (1969-73)

Annexure II

Statement I

Outlays and expenditure 1966 to 1969

(Rupees in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
<i>Agricultural Programme Warehousing and Marketing</i>							
1	Regulation of Markets ..	3.80	3.60	3.00	1.45	0.92	0.92
2	Grading and Standardisation ..	0.40	Nil	0.80	0.10	0.31	0.31
3	Training of personnel ..	0.02	0.02	0.10	0.02	0.05	0.05
4	Market Survey and Research ..	Nil	Nil	0.60	.	0.32	0.32
5	Share Capital Contribution to State Warehousing Corporation.	Nil	Nil	..	..	..	..
6	Market Intelligence ..	1.00	0.25	0.90	0.40	0.40	0.90
	Total ..	5.22	3.87	5.40	1.97	2.00	2.50

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement II

Outlays and expenditure 1966 to 1969

(Rupees in lakhs)

Sl. No.	Head/Sub-heads	1966-67		1967-68		1968-69	
		Approved Outlay	Actual expenditure	Approved Outlay	Actual expenditure	Approved Outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
<i>Co-operation</i>							
1	Credit ..	22.00	17.68	36.59	25.43	15.98	15.98
2	Marketing ..	22.00	27.01	9.61	16.17	2.73	2.73
3	Processing other than Sugar Factory and large Processing Units.	12.00	0.05	1.00	..	..	..
4	Co-operative Sugar Factory ..	7.00	15.50	10.00	15.00	..	..
5	Co-operative Farming ..	4.00	0.41	..	0.34	0.11	0.11
6	Co-operative Training and Education ..	7.00	5.71	6.47	6.28	5.90	5.90
7	Administration ..	4.72	2.28	8.74	3.42	16.92	16.92
8	Others ..	1.00	1.57	4.09	1.22	0.34	0.34
	Tctal ..	79.72	70.51	76.50	67.86	41.98	41.98

DRAFT FOURTH FIVE YEAR-PLAN (1969—70)

Statement I

Outlays and expenditure 1966—69

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69		Remarks
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
<i>Co-operation & C. D.</i>								
1	Community Development.	240.00	*249.02	179.50	*182.77	90.00	90.00	*Includes expenditure for A.N.P.—Original outlay
2	Care	..	..	23.00	27.00	6.00	6.00	
3	Applied Nutrition Programme.	..	..	..	..	4.00	4.00	
Total—Community Development.		240.00	249.02	202.50	209.77	100.00	100.00	
4	Rural manpower programme.	25.00	20.92	28.88	14.91	16.71	16.71	
5	Well Construction Programme.	..	..	12.00	12.00	..	..	**The scheme has been kept in abeyance by Government of India, C. D. Ministry.
6	Public Co-operation, L. K. K.	0.50	0.43	0.45	0.20	0.11	**	

Statement I

Outlays and expenditure 1966-67 to 1968-69

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved out lay	Expenditure
1	2	3	4	5	6	7	7
1	Remunerative Scheme ..	2.00	0.82	1.00	0.70	1.50	1.50
2	Initial Grant ..	1.75	..	1.48	1.48	..	..
3	Construction of Graingo'la ..	1.00	0.15	0.15	0.08	0.13	0.13
4	Augmenting and upgrading the cadre of G. P. Secretaries. ..	..	..	1.07	..	..	..
5	Printing of P. R. Journal ..	..	0.18	0.15	0.22	0.16	0.16
6	Training of G. P. Secretaries ..	0.25	0.62	0.90	0.68	0.69	0.69
7	Training Reserve ..	..	..	0.40	..	..	..
8	Training of non-officials ..	..	..	3.63	0.55	0.40	0.40
9	Panchayat Ghar ..	..	..	..	..	1.00	1.00
10	Staff Quarters ..	..	..	..	..	1.00	1.00
	Total ..	5.00	1.77	5.83	3.71	4.88	4.88

DRAFT FOURTH FIVE-YEAR PLAN (1967-74)
Statement I—Major & Medium Irrigation Flood Control Schemes
Outlay and Expenditure, 1966 to 1969

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure (provisional)	Approved outlay	Actual anticipated expenditure
1	2	3	4	5	6	7	8
1	Irrigation						
	(a) Continuing	7,54.45	7,28.47	6.40.50	5,77.37	**6,15.00	6,15.00
	(b) New	1.63	0.37	24.00	†15.00	8.00	8.00
2	Flood Control Drainage Anti-water logging and Anti-sea eroision.	50.03	44.16	45.00	30.00	25.00	25.00
3	Investigation and Research	7.35	10.49	24.00	14.06	21.00	21.00
	Total	8,13.46	7,83.51	7,33.50	6,36.43	6,69.00	6,99.00

**Includes Rs. 200 lakhs additional accelocated assistance for Mahanadi Delta Project

†Share capital to Orissa Construction Corporation

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Annexure II

Statement I

Outlays and Expenditure, 1966 to 1969

(Rupees in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
1	Generation ..	6,41.46	5,37.84	7,15.20	717.79	2,70.00	7,68.00
2	Transmission and Distribution ..	4,01.00	4,80.35	2,55.00	241.12	3,10.00	3,03.80
	(a) Inter-State Links						
	(b) Trunk Transmission Lines						
	(c) Others						
3	Rural Electrification ..	1,10.00	1,10.05	88.00	90.64	70.00	70.00
4	Investigations ..	15.00	23.84	20.00	16.49	15.00	17.00
5	Miscellaneous						
	Total ..	11,67.46	11,52.08	10,78.20	10,65.04	6,65.00	11,58.80

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Annexure II

Statement I

(Outlays and Expenditure, 1966 to 1969)

(Rs. in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlays	Actual expenditure	Approved outlays	Actual expenditure	Approved outlays	Anticipated expenditure
3	2	3	4	5	6	7	8
1	<i>Large & Medium Industries</i>	248·00	233·00	307·90	264·90	290·00	300·00

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Annexure II

Statement I

(Outlays & Expenditure 1966 to 1969)

(Rs. in lakhs)

Serial No.	Head/Sub-head	1966 67		1967-68		1968-69	
		Approved outlay	Actual Expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
<i>Mineral Development</i>							
1	Reorganisation of Directorate of Mines.	10.13	9.22	14.07	10.13	13.96	13.96
2	Assaying and Analytical Laboratory.	0.65	0.36	0.93	0.34	1.04	1.03
3	Purchase of share in Orissa Mining Corporation, Ltd.	195.50	195.50	*127.50	53.50	†90.00	39.00
4	Water Supply in Daitari Area.	8.00	..	..	..	..	..
		214.28	205.08	142.50	63.97	105.00	53.99

*This includes Rs. 74.00 lakhs towards internal resources

†This includes Rs. 51.00 lakhs towards internal resources

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Annexure II

Statement I

(Outlays and expenditure 1966 to 1969)

(Rs. in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
2	<i>Village & Small-Scale Industries</i>						
	(a) Handlooms ..	14.57	14.65	13.50	10.90	10.88	10.88
	(b) Powerlooms ..	1.27	0.95	6.00	2.58	3.50	3.50
	(c) Small Scale Industries ..	24.91	24.01	28.50	17.16	23.33	26.66
	(d) Director of S. P. O. ..	1.00	0.04	2.50	2.08	5.34	5.34
	(e) Industrial Estates—						
	(i) Rural	} 17.22	11.40	14.50	3.39	10.00	10.00
	(ii) Semi-urban						
	(iii) Urban						
	(f) Handicrafts ..	2.01	2.26	2.60	2.15	6.50	6.50
	(g) Sericulture ..	1.74	1.23	2.00	1.52	2.00	2.00
	(h) Coir ..	..	..	0.30	0.02	0.30	0.30
	(i) Khadi & Village Industries ..	1.50	1.50	1.50	1.50	..	..
	Total Village & Small-Scale	64.22	56.14	71.40	41.30	61.85	45.18

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Outlays and Expenditure 1966 to 1969

(Rupees in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
1	Roads (P. W. D.) ..	481.80	477.79	299.60	499.60	223.00	223.00
2	Urban Roads ..	5.00	5.00	4.23	3.85	6.20	6.20
3	Rural Engineering Organisation Road. ..	..	..	20.97	9.85	20.80	20.80
	Total ..	486.80	482.79	324.80	513.30	250.00	250.00

DRAFT FOURTH FIVE-YEAR PLAN (1969 -74)

Statement I

Annexure II

Outlays and expenditure 1966 to 1969

(Rs. in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
i	Road Transport	40.00	33.17	27.00	9.83	24.00	24.00

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Annexure II

Statement I

Outlays and expenditure 1966 to 1969

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
<i>State Plan Scheme</i>							
1	Ore Transport	.. 90.00	239.00	112.50	112.50	105.00	105.00
2	Inland Water Transport	.. ..	..	..	..	..	..

DRAFT FOURTH PLAN (1969—74)

Statement I

Out earns and expenditure 1966 to 1968 to 1969

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Actual expenditure
1	2	3	4	5	6	7	8
1	Tourism ..	6.00	1.88	7.00	1.71	3.00	3.00
	Total ..	6.00	1.88	7.00	1.71	3.00	3.00

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Annexure II
(Rs. in lakhs)

Statement I

Sl. No.	Head/Sub-Head	19. 6-67		1967-68		1968 69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2		4	5	6	7	8
<i>General Education—</i>							
1	Elementary Education ..	55.05	29.12	97.13	90.70	114.79	114.79
2	Secondary Education ..	29.57	31.39	44.62	41.67	46.72	46.72
3	University Education ..	25.48	33.86	59.43	51.45	43.97	43.97
4	Teachers' Training—						
	(a) Elementary Education ..	21.15	10.39	11.37	10.70	10.01	10.01
	(b) Secondary Education ..	1.01	1.92	1.41	1.34	0.87	0.87
5	Social Education ..	0.85	0.54	0.55	0.30	0.34	0.34
6	Other Educational programme ..	2.35	1.72	1.49	1.05	2.30	2.30
7	Development of M. I. L., Physical Education and sports.	0.80	0.64	3.51	1.78	5.00	5.00
	Total ..	136.26	109.51	219.51	198.99	224.00	224.00

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Annexure II

Statement I

(Outlays and Expenditure 1966 to 1969)

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlays	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
1	Technical Education	43.69	37.32	32.30	17.63	22.00	22.00

Statement I

(Outlays and expenditure 1966 to 1969)

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Actual expenditure
1	2	3	4	5	6	7	8
1	V-General Education ..	4.94	3.67	16.49	7.34	13.25	13.25
	7-Cultural Programme						
	District Gazetteer ..	1.26	1.25	2.06	1.37	2.00	2.00
	Total ..	6.20	4.92	18.55	8.71	15.25	15.25

DRAFT OF FOURTH FIVE-YEAR PLAN (1969—74)

Annexure II

Statement-1

Outlay and expenditures 1966—69

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Actual expenditure
1	2	3	4	5	6	7	8

(Preliminary)

1	Medical Education ..	94.94 (—)8.65	86.05 (—)4.03	78.77 (—)14.12	49.30 (—)3.01	57.82 (—)16.03	57.82 (—)16.03
		<u>86.29</u>	<u>82.02</u>	<u>64.65</u>	<u>46.29</u>	<u>41.79</u>	<u>41.79</u>
2	Training Programme ..	9.24	7.89	5.42	3.99	5.10	5.10
3	Hospital and Dispensaries.	3.49	3.56	18.35	9.95	15.40	15.40
4	Primary Health Centre Programme.	15.61	10.28	37.51	23.69	28.38	28.38
5	Control of Communicable Diseases.	85.96	95.66	109.96 (—)19.75	143.79 (—)51.39	94.82 (—)20.00	94.82 (—)20.00
				<u>90.21</u>	<u>92.40</u>	<u>74.82</u>	<u>74.82</u>

6	Indegenous System of Medicine.	0.20 <u>(-)0.05</u> 0.15	0.10	3.99 <u>(-)0.18</u> 3.81	2.80	4.13 <u>(-)0.18</u> 3.95	4.13 <u>(-)0.18</u> 3.95
7	Other Programme ..	0.72 <u>(-)0.06</u> 0.66	0.09 <u>(-)0.05</u> 0.04	4.03 <u>(-)0.82</u> 3.26	0.39 <u>(-)0.13</u> 0.26	3.76 <u>(-)0.70</u> 3.06	3.76 <u>(-)0.70</u> 3.06
8	Family Planning ..	97.65 <u>(-)94.91</u> 2.74	72.47 <u>(-)70.00</u> 2.47	186.61 <u>(-)178.52</u> 8.09	101.12 <u>(-)95.98</u> 5.14	152.87 <u>(-)145.83</u> 7.44	152.87 <u>(-)145.83</u> 7.44
Total ..		307.81 <u>(-)103.67</u> 204.14	276.10 <u>(-)74.08</u> 202.02	444.69 <u>(-)213.39</u> 231.30	335.03 <u>(-)150.51</u> 184.52	362.28 <u>(-)182.34</u> 179.94	362.28 <u>(-)182.34</u> 179.94

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)
Statement I

Outlay and Expenditure from 1966—69

(Rs in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual Expenditure	Approved outlay	Actual Expenditure	Approved outlay	Anticipated Expenditure
1	2	3	4	5	6	7	8
<i>Family Planning</i>							
(a)	Urban Family Welfare Planning Centres.	0.90 (—)0.81	1.36 (—)1.25	6.22 (—)5.65	4.69 (—)4.22	9.00 (—)8.15	9.00 (—)8.15
		0.09	0.11	0.57	0.47	0.85	0.85
(b)	Rural Family Welfare Planning Centres.	57.18 (—)55.24	41.02 (—)39.12	94.33 (—)87.88	40.22 (—)36.78	60.05 (—)55.07	60.05 (—)55.07
		1.94	1.90	6.45	3.44	4.98	4.98
(c)	Sub-Centres.	.. Included in the Rural Family Welfare Planning Centres against Item (b)					
(d)	Personnel Trained in Family Planning.	0.91 (—)0.91	0.60 (—)0.60	17.77 (—)17.77	4.18 (—)4.18	15.37 (—)15.36	15.37 (—)15.36
		Nil	Nil	Nil	Nil	0.01	0.01

(e) Sterilisation ..	23.11 <u>(-)23.11</u>	16.65 <u>(-)16.65</u>	22.37 <u>(-)22.37</u>	25.46 <u>(-)25.46</u>	32.08 <u>(-)32.08</u>	32.08 <u>(-)32.08</u>
	Nil	Nil	Nil	Nil	Nil	Nil
(f) Intra-Uterine Contraceptive Device.	0.05 <u>(-)0.05</u>	4.26 <u>(-)4.26</u>	10.78 <u>(-)10.76</u>	4.92 <u>(-)1.92</u>	6.10 <u>(-)6.10</u>	6.10 <u>(-)6.10</u>
	Nil	Nil	0.02	Nil	Nil	Nil
<hr/>						
Total ..	15.28 <u>(-)80.12</u>	63.89 <u>(-)61.88</u>	151.47 <u>(-)144.43</u>	79.47 <u>(-)75.56</u>	122.60 <u>(-)116.76</u>	122.60 <u>(-)116.76</u>
	2.03	2.01	7.04	3.91	5.84	5.84

DRAFT FOURTH FIVE YEAR PLAN (1968—74)

Statement—I

Outlay and expenditure, 1966 to 1969

(Rs. in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69	
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure
1	2	3	4	5	6	7	8
VII—Water Supply and Sanitation							
	1. Urban						
	(a) Water-Supply ..	51.00	42.00	52.00	52.00	58.00	43.00
	(b) Sewerage and Drainage ..	4.00	3.00	5.00	5.00	5.00	2.00
	2. Rural ..	15.00	15.00	6.00	6.00	5.00	5.00
	(a) Piped ..	..	..	..	..	..	..
	(b) Wells ..	..	..	..	..	..	..

Statement—I

Outlay and expenditure, 1966—1969

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1966-67		1967-68		1968-69		
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	
VIII—Housing								
1	Subsidised Industrial Housing	..	12.00	5.39	6.10	3.54	3.20	3.20
2	Low Income Group Housing	..	7.00	6.73	8.00	6.89	4.00	4.00
3	Village Housing Projects	..	2.00	2.00	3.00	2.89	2.10	2.10
4	Slum clearance							
	(a) State share	..	2.50	2.49	0.75	0.66	2.70	2.70
	(b) Central share	..	7.50	7.49	5.25	4.63	Allocation order from Government of India not yet received.	

DRAFT FOURTH FIVE-YEAR PLAN (1968—74)

Statement I

Annexure II

Outlay and Expenditure 1966 to 1969

(Rs. in lakhs)

Serial No.	Head Sub-head	1966-67		1967-68		1968-69		Remarks
		Approved out-lay	Actual Expenditure	Approved out-lay	Actual Expenditure	Approved out-lay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
	IX. Town Planning and Urban Development							
	1. Town Planning							
	(a) State Sector	1·50	1·22	1·32	1·28	2·07	2·07	
	(b) Central Sector	4·69	3·35	14·52	4·12	6·27	6·27	
	2. Urban Development							
	(a) Remunerative	8·00	8·00	6·50	6·15	4·46	4·46	
	(b) Non-Remunerative	2·00	..	1·50	1·02	1·54	1·54	

DRAFT FOURTH FIVE-YEAR PLAN (1969 - 74)

Statement I

Annexure II

Outlays and expenditure from 1966 to 1969 (Rs. in lakhs) State sector

Serial No.	Head/Sub head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
	Welfare of Backward classes							
1	Scheduled Tribes							
	(a) Education ..	31.75	28.85	34.49	26.74	31.09	31.09	Expenditure figures shown in column 6 are provisional and are subject to further verification.
	(b) Economic uplift ..	9.81	7.79	5.39	4.99	1.57	1.57	
	(c) Health, Housing and other schemes	9.49	8.88	4.12	3.40	1.60	1.50	
	Total—Scheduled Tribes ..	51.05	45.52	44.00	35.13	34.26	34.26	
2	Scheduled Castes							
	(a) Education ..	8.10	7.97	9.70	8.22	8.29	8.29	Expenditure figures shown in column 6 are provisional and are subject to further verification.
	(b) Economic Uplift ..	0.62	0.42	..	..	0.02	0.02
	(c) Health, Housing and other schemes	2.73	2.68	3.00	3.00	2.43	2.43	
	Total—Scheduled Castes ..	11.45	11.07	12.70	11.22	10.74	10.74	
	Total—State Sector ..	62.50	56.59	56.70	46.35	45.00	45.00	

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement I

Annexure II

Outlays and expenditure 1966 to 1969 (Rupees in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-78		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
1. Social Welfare								
1	Family and Child Welfare Projects ..	1.16	0.64	1.00	0.252	0.90	0.90	
2	Women Welfare ..	..	..	..	..	..	..
3	Child Welfare ..	..	..	..	..	..	..
4	Social (Defence care ..	1.02	0.62	1.15	1.05	1.60	1.55	
5	Education of Handicapped ..	..	..	..	..	..	..
6	Grants-in-aid to voluntary Organisation	0.55	0.11	0.55	0.10	0.50	0.50	
	Total ..	2.73	1.37	2.70	1.402	3.00	2.95	

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Annexure II

Outlays and expenditure 1966 69 (Rs. in lakhs)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	
1	2	3	4	5	6	7	8	9
XII—Craftsmen—Training and Labour Welfare								
5	Employment Service Schemes (State Share).	0.47	Nil	0.27	0.10	0.26	0.26	
6	Labour Welfare/Administration ..	1.16	0.24	1.59	1.32	2.07	2.07	
7	Employees' State Insurance Scheme (State Share).	0.55	0.23	0.84	0.12	0.64	0.64	
Total ..		2.18	0.47	2.70	1.54	2.97	2.97	

DRAFT FOURTH FIVE-YEAR PLAN (1967—94)

Statement I

Annexure II

Outlays and expenditure from 1966 (Rs. in lakhs) State sector

Serial No.	Head/Sub-head	1966-67		1967-68		1868-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual outlay	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
	Craftsman Training	(—)11.64	7.90	13.19	14.36	7.50	7.50	(—)State share

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Annexure II

Outlays and expenditure from 1966 to 1969 (Rs. in lakhs) State sector

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
	Public Co-operation	0.30	0.22	0.45	0.21	0.29	0.11	

DRAFT FOURTH FIVE -YEAR PLAN (1969—74

Statement I

Annexure II

Outlays and expenditure from 1966 to 1969 (Rs. in lakhs) State sector

Serial No.	Head/Sub head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
1	Miscellaneous Statistics	7.00	0.82	7.20	1.79	2.50	2.50	

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Annexure II

Outlays and expenditure from 1966 to 1969 (Rs. in lakhs, State sector)

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
	Publicity	10.08	5.80	6.30	2.60	5.20	5.20	
	Total	10.08	5.80	6.30	2.60	5.20	5.20	

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Annexure II

Outlays and expenditure from 1966 to 1969 (Rs. in lakhs) (State sector)

Serial No.	Head/Sub-head	1966-57		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
	Demand No. 60—103—Capital outlay. New Capital Project.	60·11	48·06	90·00	55·65	17·00	17·00	

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Annexure II

Outlays and expenditure from 1966 to 1969 (Rs. in lakhs) State sector

Seri No.	Head/Sub-head	1966-67		1967-68		1968-69		REMA
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
1	Demand No. 4-71 Miscellaneous—Development Scheme—State Sector (b) Miscellaneous and unforeseen charges—State Evaluation Organisation.	..	..	0.45	Nil	0.45	0.45	

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement I

Annexure II

Outlays and expenditure from 1966 to 1969 (Rs. in lakhs) State sector

Serial No.	Head/Sub-head	1966-67		1967-68		1968-69		REMARKS
		Approved outlay	Actual expenditure	Approved outlay	Actual expenditure	Approved outlay	Anticipated expenditure	
1	2	3	4	5	6	7	8	9
1	VII—Miscellaneous Government Press..	10.00	6.31	9.00	6.25	7.00	7.00	

STATEMENT II

DRAFT
Statement
Proposed plant

Sl. No.	Head of Department	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange.	Total	Capital	Foreign Exchange.	Total	Capital	Foreign Exchange.
1	2	3	4	5	6	7	8	9	10	11
Agricultural Production Programme—										
1	Improved Seeds ..	20.95	20.75	..	21.95	21.75	..	19.60	19.20	..
2	Fertilisers & manures	43.38	0.72	..	43.45	0.72	..	37.86	..	..
3	Plant Protection ..	24.86	5.79	..	13.64	4.51	..	17.95	3.80	..
4	Improved Agricultural Implement.	79.85	8.50	..	72.19	9.66	..	76.03	7.48	..
5	Development Commercial crops.	41.43	10.35	..	32.36	..88	..	27.27	0.38	..
6	Agricultural Education	10.00	..	..	10.00	..	..	10.00	..	..
7	Agricultural Research	15.61	..	..	15.74	..	..	10.03	..	..
8	Agricultural Extension and Training and farmers education.	1.95	1.20	..	3.10	2.35	..	1.78	1.00	..
9	Agricultural Statistics	2.64	..	..	4.78	2.70	..	2.14	..	..
10	Special production programme (I.A.D.P., IAAP and H. V. P.)	63.19	4.13	..	53.74	28.30	..	58.94	27.25	..
11	Land Development	24.59	16.00	..	56.42	12.00	..	63.39	6.89	..
12	Improved Agricultural practices.	70.43	1.24	..	30.08	0.36	..	30.06	..	..
	(b) Horticulture Development.	43.18	9.05	..	33.68	5.14	..	32.28	2.18	..
	(b) Potato Vegetable production.	42.18	4.26	..	38.37	..	..	30.35	..	..
	(d) Development of plantation crops.	2.74	0.10	..	3.37	0.20	..	3.97	0.10	..
	(e) Fruit preservation.	44.88	..	..	4.25	..	..	2.67	..	..
	(f) Information Service.	5.70	1.00	..	5.80	1.00	..	7.06	1.00	..
	(g) Extension organisation and staff.	88.33	33.33	..	109.65	44.65	..	134.38	54.38	..
13	Ayacut Development.	40.79	22.88	..	41.90	22.20	..	33.58	21.46	..
Total Agricultural Production.		626.66	179.30	..	594.47	158.42	..	609.34	145.12	..

FOURTH FIVE-YEAR PLAN

II

outlays

Annexure-II

(Rs. in lakhs)

1972-73			1973-74			Total Fourth Plan			Remarks
Total	Capital	Foreign Ex- change	Total	Capital	Foreign Ex- change	Total	Capital	Foreign Ex- change.	
12	13	14	15	16	17	18	19	20	21
19.30	18.70	..	17.00	16.40	..	98.80	96.00	..	
37.87	..	..	32.88	..	..	195.44	1.44	..	
16.98	2.80	..	12.01	2.80	..	85.44	19.70	..	
75.79	..	..	71.14	..	..	375.00	25.61	..	
26.92	..	..	27.01	..	..	154.90	13.61	..	
10.00	..	..	10.00	..	..	50.00	..	..
10.37	..	..	8.23	..	..	59.98	..	..
1.29	0.50	..	0.80	..	..	8.92	5.05	..	
2.20	..	..	2.26	..	..	14.02	2.70	..	
53.15	19.05	..	54.43	18.17	..	283.45	136.90	..	
90.32	6.00	..	145.28	6.00	..	380.00	46.89	..	
10.07	..	..	10.21	..	..	150.85	1.60	..	
32.43	1.37	..	32.63	1.82	..	174.20	19.56	..	
26.40	..	..	26.70	..	..	164.00	4.26	..	
4.67	0.10	..	5.28	..	..	20.00	0.50	..	
1.61	..	..	1.61	..	..	15.00	..	..
6.22	1.00	..	5.22	1.00	..	30.00	5.00	..	
130.98	45.98	..	110.34	20.34	..	573.68	198.68	..	
35.41	16.30	..	37.58	17.55	..	199.26	100.39	..	
591.98	111.80	..	610.58	84.08	..	3033.03	678.72	..	

DRAFT
Statement
Proposed plan

Serial No.	Name of the Scheme	1969-70			19 0-71			1971-72		
		Total	Capital	Foreign Ex- change	Total	Capital	Foreign Ex- change	Total	Capital	Foreign Ex- change
1	2	3	4	5	6	7	8	9	10	11
		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	
	1. Improved Seeds—									
1	Development of existing Seed Farms (Reclamation Layout, Irrigation, fencing and cost of Land).	15.00	15.00	..	15.00	15.00	..	14.20	14.20	..
2	Construction of Farm Building. (Seed store and Electrification).	4.00	4.00	..	4.00	4.00	..	3.00	3.00	..
3	Seed processing equipments.	0.75	0.75	..	0.75	0.75	..	..	..	..
4	Establishment of new large sized farms including staff.	1.20	1.00	..	2.20	2.00	..	2.40	2.00	..
	Total—1	20.95	20.75	..	21.95	21.75	..	19.60	19.20	..
	2. Fertiliser and Manures									
1	Production of Compost	2.00	..	..	2.00	..	..	2.00	..	..
2	Production of Bonemeal	1.00	0.72	..	1.06	0.72	..	0.46	..	..
3	Quality control of Fertilisers.	0.38	..	..	0.39	..	..	0.40	..	..
4	Working Capital for Co-operative Marketing Society for purchase of fertiliser.	40.00	..	..	40.00	..	..	35.00	..	..
	Total—2	43.38	0.72	..	43.45	0.72	..	37.86	..	..
	3. Plant Protection—									
1	Strengthening of plant protection unit and supply of pesticides powers sprayers for control of diseases.	21.68	3.50	..	11.70	3.50	..	16.01	2.80	..
2	Plant Protection training.	3.18	2.29	..	1.94	1.01	..	1.94	1.00	..
	Total	24.86	5.79	..	13.64	4.51	..	17.95	3.80	..

FOURTH FIVE-YEAR PLAN

II

outlays

Annexure II

1972-73			1973-74			Total	Fourth	Plan	Remarks
Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	
12	13	14	15	16	17	18	19	20	21
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
13.20	13.20	..	13.40	13.40	..	70.80	70.80	..	
3.00	3.00	..	3.00	3.00	..	17.00	17.00	..	
..	..	..	..	..	..	1.50	1.50	..	
3.10	2.50	..	0.60	..	..	0.60	7.58	..	
19.20	18.70	..	17.00	16.40	..	98.80	96.80	..	
2.00	..	..	2.00	..	..	10.00	..	..
0.46	..	..	0.46	..	..	3.44	1.44	..	
0.41	..	..	0.42	..	..	2.00	..	..
35.00	..	..	30.00	..	..	180.00	..	..
37.87	..	..	32.88	..	..	195.44	1.44	..	
16.02	2.80	..	11.03	2.80	..	76.44	15.40	..	
0.96	..	..	0.98	..	..	9.00	4.30	..	
16.98	2.80	..	12.01	2.80	..	85.44	19.70	..	

1	2	3	4	5	6	7	8	9	10	11	
		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
4. Improved Agricultural Implement—											
1	Zonal Service Station and Training Centre.	18·00	6·50	..	12·00	7·00	..	6·70	7·48	..	
2	Demonstration and supply of Agricultural Implements.	2·24	..	..	2·88	..	..	2·94	..	..
3	Research testing and Training Centre in improved Agricultural Implements.	0·60	..	..	0·60	..	..	0·62	..	..
4	Central workshop-cum-Implement production centre.	0·53	..	..	0·52	..	..	0·51	..	..
5	Re-organisation supervision and field staff for Agricultural engineering section.	8·48	2·00	..	6·18	2·66	..	5·26	..	..
6	Debentures for Land Mortgage Bank and Agricultural Re-finance Corporation schemes.	50·00	..	..	50·00	..	..	0·00	..	..
Total 4		..	79·85	8·50	..	72·19	9·66	..	76·03	7·48	..
5 Development of Commercial Crops—											
1	Development of Jute and Ramie.	4·27	0·40	..	4·18	0·40	..	3·88	..	..
2	Development of Oilseeds	26·87	4·97	..	20·64	0·38	..	17·82	0·38	..	
3	Development of Sugarcane.	9·29	4·98	..	6·54	2·10	..	4·57	..	..
4	Development of Sisal cultivation.	1·00	..	..	1·00	..	..	1·00	..	..
Total—5		..	41·43	10·35	..	32·35	2·88	..	27·27	0·38	..
6 Agricultural Education—											
1	Grant-in-aid to Orissa University of Agriculture and Technology.	10·00	..	..	10·00	..	..	10·00	..	..
Total		..	10·00	10·00	10·00

12	13	14	15	16	17	18	19	20	21
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
6.30	6.50	..	..	49.50	20.98	..	
3.04	1	14.10	..	..	..	..
0.63	3.10	..	..
0.50	0.50	..	..	2.56	..	..
5.36		..	5.46	..	..	30.74	4.66	..	
60.00	55.00	..	..	275.00	..	..
75.79	71.14	..	..	375.00	25.64	..	
3.88	3.79	..	..	20.00	0.80	..	
17.28	17.39	..	..	100.00*	5.73	..	*Include P. L. Accoun Rs. 0.00 lakhs.
4.76	4.83	..	..	29.99	7.08	..	
1.00	1.00	..	..	5.00	..	..
26.92	27.01	..	..	154.99	13.61	..	
10.00	10.00	..	..	50.00	..	..
10.00	10.00	..	..	50.00	..	..

1	2	3	4	5	6	7	8	9	10	11
		Rs.			Rs.			Rs.		
7	Agricultural Research—									
1	Research on Oilseed ..	1.22	..	..	0.95	..	..	0.97	..	..
2	Research on Sugarcane..	3.32	..	..	2.02	..	..	1.76	..	..
3	Soil Testing Scheme ..	4.75	..	..	4.06	..	..	1.17	..	..
4	Botanical Garden ..	3.53	..	..	5.80	..	..	2.95	..	..
5	Cocoonut Research ..	0.48	..	..	0.53	..	..	0.60	..	..
6	Pulse Research ..	0.95	..	..	0.97	..	..	1.01	..	..
7	Bacterial Inoculation Laboratory.	0.39	..	..	0.40	..	..	0.40	..	..
8	Spices Development ..	0.97	..	..	1.01	..	..	1.17	..	..
	Total—7 ..	15.61	..	..	15.74	..	..	10.03	..	..
8	Agricultural Extension and Training.									
1	Training of A. S. O.'s and F.M.Ds.	1.30	1.20	..	1.80	1.70	..	1.11	1.00	..
2	Training programme for riceo production and Technology.	0.65	..	..	1.30	0.65	..	0.67	..	..
	Total ..	1.95	1.20	..	3.10	2.35	..	1.78	1.00	..
9	Agricultural Statistics—									
1	Evaluation, Administration, Intelligency and Estimation of cost of cultivation and yard sticks of additional Food grain production.	2.64	..	..	4.78	2.70	..	2.14	..	..
	Total—9 ..	2.64	..	..	4.78	2.70	..	2.14	..	..
1,	Special Production Programme.									
1.	Intensive Agricultural District Programme. (Package.)	6.94	..	..	7.20	..	..	5.85	..	..
2.	Intensive Agricultural area Programme.	4.76	..	..	8.50	..	..	13.96	..	..
3.	High Yielding Varieties Programme.	51.49	44.13	..	38.04	28.30	..	39.13	27.25	..
	Total ..	63.19	44.13	..	53.74	28.30	..	58.94	27.25	..

12	13	14	15	16	17	18	19	20	21
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
1-00	..	..	1-03	..	..	5-17	..	..
1-78	..	..	1-12	..	..	10-00	..	..
1-18	..	..	0-89	..	..	12-05	..	..
3-23	..	..	1-88	..	..	17-39	..	..
0-66	..	..	0-73	..	..	3-00	..	..
1-03	..	..	1-05	..	..	5-01	..	..
0-40	..	..	0-41	..	..	2-00	..	..
1-09	..	..	1-12	..	..	5-36	..	..
10-37	..	..	8-23	..	..	59-93	..	..
0-62	0-50	..	0-12	..	..	4-95	4-40	..	
0-67	..	..	0-68	..	..	3-97	0-65	..	
1-29	0-50	..	0-80	..	..	8-92	5-05	..	
2-20	..	..	2-26	..	..	14-02	2-70	..	
2-20	..	..	2-26	..	..	14-02	2-70	..	
5-76	..	..	5-46	..	..	31-20	..	..
15-90	..	..	17-75	..	..	60-87	..	..
31-50	19-05	..	31-22	18-17	..	191-38	136-90	..	
53-15	19-05	..	54-43	18-17	..	283-45	136-90	..	

1	2	3	4	5	6	7	8	9	10	11	
		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
11. Land Development—											
1	Land Reclamation and Hiring of heavy machinery.	10.77	10.00	..	11.90	6.00	..	11.95	3.69	..	
2	Tractorisation (Tractor Hiring Centre).	11.82	6.00	..	12.52	6.00	..	4.44	3.20	..	
3	Land Reforms	..	..	..	30.60	..	..	45.00	..	..
4	Settlement of land less labourers.	2.00	..	..	2.00	..	..	2.00	..	..
Total—11		..	24.59	16.00	..	56.42	12.00	..	63.39	6.89	..

12. Others

(a) Improved Agriculture

Practices.

1	Diversification of cropping pattern introduction of Short demonstration and subsidy on improved seeds.	5.45	..	..	5.95	..	..	6.05	..	..
2	Pilot project for demonstration of improved Agriculture practices in Hirakud and Salandi irrigated area.	1.15	..	..	1.05	..	..	1.07	..	..
3	Scheme for Crop competition.	1.00	..	..	1.00	..	..	1.00	..	..
4	Wheat Seed multiplication programme.	2.83	1.24	..	2.08	0.36	..	1.94	..	..
5	Advance P. L. Account for purchase of seeds.	66.00	..	..	20.00	..	..	20.00	..	..
Total 12(a)		..	70.43	1.24	..	30.08	0.36	..	30.06

12	13	14	15	16	17	18	19	20	21
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
4.59	3.50	..	4.52	3.50	..	43.73	26.69	..	
3.73	2.50	..	3.76	2.50	..	36.27	20.20	..	
80.00	..	..	135.00	..	..	290.00	..	..
2.00	..	..	2.00	..	..	10.00	..	..
90.32	6.00	..	145.28	6.00	..	380.00	46.89	..	
6.14	..	..	6.24	..	..	29.63	..	..
1.09	..	..	1.10	..	..	5.46	..	..
1.00	..	..	1.00	..	..	5.00	..	..
1.84	..	..	1.87	..	..	10.56	1.60	..	
..	..	..	..	..	..	10.00	..	..
110.07	..	..	10.21	..	..	150.85	1.60	..	

1	2	3	4	5	6	7	8	9	10	11	
12	(b) Horticulture Development.										
1	Production of quality planting materials.										
(a)	Strengthening existing progeny orchards and Fruit nurseries.	1.99	..	..	2.01	0.70	..	2.00	0.50	..
(b)	Establishment of base orchards.	2.69	0.60	..	0.85	..	..	0.85	..	..
(c)	Dev of Model orchard	2.61	0.70	..	1.19	0.30	..	1.25	..	..
(d)	Banana Sucker production centre.	3.06	1.00	..	1.59	..	..	2.10	..	..
2	Intensification of fruit production in special area.										
(a)	Horticulture Development in Niyam giri hills.	1.36	0.40	..	1.45	0.55	..	1.00	0.20	..	
(b)	Horticulture Development in Similpal hills.	1.91	0.68	..	1.00	0.18	..	1.10	0.25	..	
(c)	Intensification of fruit production in township.	2.00	..	..	1.09	..	..	2.49	..	..
3	Pilot Demonstration for fruit production.	3.50	..	..	3.00	..	..	2.98	..	..
4	Applied Nutrition Programme.	1.31	..	..	1.29	..	..	1.34	..	..
5	Pilot project for testing new varieties.	2.87	0.60	..	1.51	..	..	1.25	..	..
6	Reorganisation and Supervisory staff.	6.27	0.24	..	6.54	0.40	..	4.75	..	..
7	Training of Gardenters.	3.52	2.35	..	0.66	..	..	0.66	..	..
8	Development of Banana and Pine Development for export promotion—										
(a)	B a n a n a Development.	6.36	2.18	..	6.00	1.61	..	6.00	0.66	..	
(b)	Pineapple Development including purchase and supply of pine a p p l e sucker	2.93	0.30	..	3.60	1.40	..	3.51	0.57	..	
(c)	Pineapple Development under soil conservation wing.	1.00	..	..	1.00	..	..	1.00	..	..
	Total—12	..	43.18	9.05	..	33.68	5.14	..	32.28	2.18	..

12	13	14	15	16	17	18	19	20	21
2:00	0:30	..	2:00	0:30	..	10:00	1:80	..	
0:85	..	..	0:87	..	..	5:91	0:60	..	
1:30	0:25	..	1:34	0:07	..	7:69	1:50	..	
2:44	..	..	2:55	..	..	11:74	1:00	..	
0:90	..	..	0:90	..	..	5:61	1:15	..	
1:25	0:25	..	1:30	0:20	..	6:56	1:56	..	
2:50	..	..	3:00	..	..	11:98	..	..
2:49	..	..	2:00	..	..	13:97	..	..
1:35	..	..	1:35	..	..	6:64	..	..
1:30	..	..	1:35	..	..	8:28	0:60	..	
4:77	..	..	4:82	..	..	27:15	0:64	..	
0:67	..	..	0:68	..	..	6:19	2:35	..	
6:10	..	..	5:92	0:50	..	30:38	4:95	..	
3:51	0:57	..	3:55	0:57	..	17:10	3:41	..	
1:00	..	..	1:00	..	..	5:00	..	..
32:43	1:87	..	32:63	1:82	..	174:20	19:56	..	

1	2	3	4	5	6	7	8	9	10	11
12	(c) Potato and Vegetable production.									
	(a) Potato and Vegetable seed production.	28.18	4.26	..	23.37	..	..	24.35	..	..
	(b) P. L. Acc. unt for cold storage.	14.00	..	..	15.00	..	..	6.00	..	..
	Total	..	42.18	4.26	..	38.37	..	..	6.00	..
12	(d) Development of plantation crop.									
1	Development of Coconut including plantation.	2.74	0.10	..	3.37	0.20	..	3.97	0.10	..
	Total 12 (d)	..	2.74	0.10	..	3.37	0.20	..	3.97	0.10
12	(e) Fruit preservation									
1	Commercial utilisation of Fruit and vegetable,	4.86	..	..	4.25	..	..	2.67	..	..
	Total 12 (e)	..	4.86	..	..	4.25	..	..	2.67	..
	12 (F) Information service									
1	Agricultural Information service.	3.70	1.00	..	3.80	1.00	..	5.06	1.00	..
2	Grants to Krushak Samaj	2.00	..	..	2.00	..	..	2.00	..	..
	Total 12(F)	..	5.70	1.00	..	5.80	1.00	..	7.06	1.00
	12(G) Extension Organisation and staff.									
1	Strengthening of Administration Machinery in the State, District region and Block Level including Buildings.	55.00	..	..	65.00	..	..	80.00	..	..
2	Staff quarter and office buildings.	22.58	22.58	..	29.62	29.62	..	33.53	33.53	..
3	Godown	..	10.75	10.75	..	15.03	15.03	..	20.85	20.85
	Total 12(g)	..	88.33	33.33	..	110.65	44.65	..	134.38	54.38

12	13	14	15	16	17	18	19	20	21	22
26.40	..	..	26.70	..	..	129.00	4.26	..	..	..
..	..	..	..	..	..	35.00	..	..	..	..
26.40	..	..	26.70	..	..	164.00	4.26	..	..	..
4.67	0.10	..	6.25	..	..	20.00	0.50	..	..	..
4.67	0.10	..	5.25	..	..	20.00	0.50	..	..	..
1.61	..	..	1.61	..	..	15.00	..	..	..	..
1.61	..	..	1.61	..	..	15.00	..	..	..	..
4.22	1.00	..	3.22	1.00	..	20.00	5.00	..	..	..
2.00	..	..	2.00	..	..	10.00	..	..	..	..
6.22	1.00	..	5.22	1.00	..	30.00	5.00	..	..	..
85.00	..	..	90.00	..	..	375.00	..	..	..	..
29.03	29.03	..	10.47	10.47	..	125.23	125.23	..	..	..
16.95	16.95	..	9.87	9.87	..	73.45	73.45	..	..	..
130.93	45.98	..	110.34	20.34	..	573.68	198.68	..	..	..

1	2	3	4	5	6	7	8	9	10	11	
		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		
13. Ayacut Development—											
1 (a)	Scheme for Salandi Irrigation Project.	15.80	6.96	..	11.43	6.03	..	9.52	4.41	..	
(b)	Ayacut Development in Delta Irrigation.	11.63	5.02	..	17.11	5.27	..	21.16	6.15	..	
(c)	Scheme for Development of Ayacut and Pilot Demonstration Cropping pattern.	13.3	10.90	..	13.36	10.90	..	12.90	10.90	..	
	Total	..	40.79	22.88	..	41.90	22.20	..	43.58	21.46	..

12	13	14	15	16	17	18	49	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
5:31	..	..	5:35	..	..	47:51	17:40	..	
17:20	5:40	..	19:33	6:65	..	86:43	28:49	..	
12:90	10:90	..	12:90	10:90	..	65:42	54:50	..	
35:41	16:30	..	37:58	17:55	..	199:26	100:39	..	

ANNEXURE II
DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement II
Proposed plan outlays

(Rs. lakhs)

Sl. No.	Head/sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
1	Agricultural Programme (ii) Minor irrigation (5) (Flow)	200	200	..	200	200	..	250	250	..
		1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
		12	13	14	15	16	17	18	19	20
		250	250	..	200	200	..	1,100	1,100	.

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement II
Proposed Plan Outlay

(Rupees in lakhs)

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11
	(a) Spill over Schemes ..	15·00	15·00	..	3·00	3·00	..	3·00	3·00	..
	(b) Scheme for Groundwater Survey and Investigation.	3·00	3·00	..	3·00	3·00	..	3·00	3·00	..
	A—NEW SCHEMES (Departmental)									
	Lift Irrigation from Streams, Reservoirs, etc., (300 Nos.).	32·00	32·00	..	33·00	33·00	..	30·00	30·00	..
	Electrical pumpsets									
	(ii) Deep Tubewells (100 Nos.) ..	8·00	8·00	..	8·00	8·00	..	8·00	8·00	..
	(iii) Shallow Tubewells (100 Nos.) ..	4·00	4·00	..	4·00	4·00	..	4·00	4·00	..
	(iv) Dugwells (500 Nos.) ..	4·00	4·00	..	4·00	4·00	..	4·00	4·00	..
	B—PRIVATE LIFT IRRIGATION WORKS									
	(a) Subsidy for 3,000 Tubewells and 5,000 Dugwells.	9·50	9·50	..	15·00	15·00	..	18·50	18·50	..
	(b) L. T. Lines ..	4·00	4·00	..	5·00	5·00	..	6·00	6·00	..
	OTHERS									
	Investigation (Departmental) ..	5·00	5·00	..	5·00	5·00	..	5·00	5·00	..
	Groundwater Investigation by E. T. O. ...	2·00	2·00	..	6·00	6·00	..	6·00	6·00	..
	Demonstration-cum-Publicity ..	2·00	2·00	..	2·00	2·00	..	2·00	2·00	..
	Tools and Plant ..	10·00	10·00	..	10·00	10·00	..	10·00	10·00	..
	Repairs and Servicing ..	2·00	2·00	..	2·00	2·00	..	2·00	2·00	..
	Buildings ..	2·00	2·00	..	2·00	2·00	..	2·00	2·00	..

DRAFT FOURTH FIVE-YEAR PLAN (1969 -74) - conclud.

Sl. No.	Head/Sub-head	1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	12	13	14	15	16	17	18	19	20
1	(a) Spill over Schemes ..	..	..	..	..	..	..	15.00	15.00	..
	(b) Scheme for Groundwater Survey and Investigation.	3.00	3.00	..	3.00	3.00	..	15.00	15.00	..
2	A--NEW SCHEMES (Departmental)									
	Lift Irrigation from Streams, Reservoirs, etc., (300 Nos.)	25.00	25.00	..	30.00	30.00	..	150.00	150.00	..
	Electrical pumpsets									
	(ii) Deep Tubewells (100 Nos.) ..	6.00	6.00	..	10.00	10.00	..	40.00	40.00	..
	(iii) Shallow Tubewells (100 Nos.) ..	4.00	4.00	..	4.00	4.00	..	20.00	20.00	..
	(iv) Dugwells (500 Nos.) ..	4.00	4.00	..	4.00	4.00	..	20.00	20.00	..
	Γ--PRIVATE LIFT IRRIGATION WORKS									
	(a) Subsidy for 3,000 Tubewells and 5,000 Dugwells .	23.50	23.50	..	23.50	23.50	..	90.00	90.00	..
	(b) L. T. Lines ..	7.50	7.50	..	7.50	7.50	..	30.00	30.00	..
3	OTHERS									
	Investigation (Departmental) ..	5.00	5.00	..	5.00	5.00	..	25.00	25.00	..
	Groundwater Investigation by E. T. O. . .	6.00	6.00	..	..	..	..	20.00	20.00	..
	Demonstration-cum-Publicity ..	2.00	2.00	..	2.00	2.00	..	10.00	10.00	..
	Tools and Plant ..	10.00	10.00	..	5.00	5.00	..	45.00	45.00	..
	Repairs and Servicing ..	2.00	2.00	..	2.00	2.00	..	10.00	10.00	..
	Buildings ..	2.00	2.00	..	2.00	2.00	..	10.00	10.00	..

APPENDIX D

DRAFT, FOURTH FIVE-YEAR PLAN (1969-74)

Statement II

Proposed Plan Outlays

Annexure II

Rupees in lakhs

Head/Sub-head	1969-70			1970-71			1971-72			1972-73			1973-74			4th Plan Outlay		
	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

Agricultural Production

Soil Conservation

State Sector .. 38.00 5.00 .. 45.00 10.00 .. 45.00 10.00 .. 37.00 35.00 2.00 00 25.00 ..

DRAFT, FOURTH FIVE-YEAR PLAN (1969-74)

Statement II

Proposed Plan Outlay

Annexure II

Sl. No.	Head Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
1	Animal Husbandry ..	85.15	31.27	..	98.54	31.20	..	1,10.61	22.93	..
2	Dairying and milk supply ..	6.85	3.50	..	16.75	9.50	..	20.80	8.40	..
Total—Animal Husbandry and milk supp'y		92.00	34.77	..	1,15.29	40.70	..	1,31.41	31.33	..
1972-73			1973-74			Fourth Plan Only				
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange		
12	13	14	15	16	17	18	19	20		
117.27	14.45	..	113.43	2.65	..	525.00	102.00	..		
17.40	1.90	..	13.20	0.20	..	75.00	23.50	..		
134.67	16.35	..	126.63	2.85	..	600.00	126.50	..		

ANNEXURE
BREAK UP OF THE PROPOSED 4TH PLAN OUTLAY
Statement-II

Serial No.	Name of the Scheme	1969-70		1970-71		1971-72		1972-73		1973-74		4th Plan Outlay	
		Total	Capital	Total	Capital	Total	Capital	Total	Capital	Total	Capital	Total	Capital
1	2	3	4	5	6	7	8	9	10	11	12	13	14
FOREST													
1	Economic plantation ..	18.00	18.00	19.00	19.00	20.00	20.00	21.00	21.00	22.00	22.00	100.00	100.00
2	Rehabilitation of degraded Forests ..	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	6.00	6.00	25.00	25.00
3	Development of Minor Forest Produce ..	2.00	2.00	2.00	2.00	2.00	2.00	3.00	3.00	3.00	3.00	12.00	12.00
4	Communication ..	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	6.00	6.00	25.00	25.00
5	Forest Development consolidation ..	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	10.00	10.00
6	Nature Conservation ..	4.00	4.00	4.00	4.00	5.00	5.00	5.00	5.00	5.00	5.00	23.00	23.00
7	Training of Staff ..	4.00	4.00	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	22.00	22.00
8	Forest Research ..	1.00	1.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	7.00	7.00
9	Working Plans ..	3.50	2.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	17.50	17.50
10	Forest Protection ..	2.50	2.50	2.50	2.50	3.00	3.30	3.50	3.50	3.70	3.70	15.50	15.50
11	Forest Publicity ..	0.02	0.20	0.55	0.55	0.25	0.25	0.25	0.25	0.25	0.25	1.50	1.50
12	Planning and Statistical Cell ..	0.50	0.50	0.60	0.60	0.60	0.60	0.60	0.60	0.70	0.70	3.00	3.00
13	Construction of Buildings ..	2.50	2.50	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	14.50	14.50
14	Intensification of Forest Management ..	3.00	3.00	3.00	3.00	3.50	3.50	4.00	4.00	4.00	4.00	17.50	17.50
15	Cultural operation ..	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	10.00	10.00
16	Amenities of labour ..	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.50	0.50
17	Development of Pasture grazing ..	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	1.00	1.00
18	Quick Growing Species ..	14.50	14.50	16.55	16.55	17.55	17.65	17.85	17.85	18.55	18.55	85.00	85.00
19	Fram Forestry ..	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	10.00	10.00

**FISHERIES DEVELOPMENT—FOURTH PLAN—ORISSA STATE
DRAFT FOURTH FIVE-YEAR PLAN (1969-74)**

ANNEXURE II

Statement No. II

Proposed Plan Outlay

(Rupees in Lakhs) Rs. 300 00 Memorandum

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital cost	Foreign exchange	Total	Capital cost	Foreign exchange	Total	Capital cost	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
1	Fisheries ..	48.87	16.47	..	97.83	67.69	9.54	81.30	51.77	5.50
1972-73		1973-74			Fourth plan out lay					
Total	Capital cost	Foreign exchange	Total	Capital cost	Foreign exchange	Total	Capital cost	Foreign exchange		
12	13	14	15	16	17	18	19	20		
37.49	9.41	..	34.51	7.50	..	300 00	152.85	15.04		

PROPOSED PLAN OUTLAYS

Statement—II

(Rupees in Lakhs)

Serial No.	Head/Sub-head	1969-0			1970-1971			1971-1972			1972-1973			1973-1974			Fourth	
		Total	Capital.	Foreign Ex-change	Total	Capital	Foreign Ex-change	Total	Capital	Foreign Ex-change	Total	Capital	Foreign Ex-change.	Total	Capital	Foreign Ex-change	Total	Capital
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<p>AGRICULTURAL PROGRAMME WAREHOUSING & MARKING</p>																		
1	Regulation of Markets	1.05	1.05	Nil	1.50	1.45	Nil	1.15	1.00	Nil	1.20	1.00	Nil	1.20	1.00	Nil	8.10	
2	Grading and Standardisation ..	1.05	..	..	1.05	..	..	1.09	..	..	0.83	..	..	1.12	..	..	5.15	
3	Training of Personnel ..	0.12	..	..	0.10	..	..	0.07	..	..	0.04	..	..	0.07	..	..	0.40	
4	Research & Survey ..	0.40	..	..	1.35	..	..	1.45	..	..	1.00	..	..	1.70	..	..	5.00	
5	Marketing Extension ..	0.65	..	..	0.27	..	..	0.29	..	..	0.31	..	..	0.33	..	..	1.85	
6	Share Capital Contribution to State Warehousing Corporation.	1.00	1.00	..	1.00	1.00	..	1.00	1.00	..	1.00	1.00	..	1.00	1.00	..	5.00	
7	Market Intelligence ..	0.90	..	..	0.95	..	..	1.00	..	..	1.05	..	..	0.10	..	..	5.00	
	Total ..	5.17	2.05	Nil	6.22,500	2.45	Nil	6.05,500	2.00	Nil	6.03	2.00	Nil	6.52	2.00	Nil	30.00	

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement II

Proposed Plan Outlays (Rs. in lakhs)

ANNEXURE II

Serial No.	Head/Sub-Heads	1969-70			1970-71			1971-72			1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Co-operation																			
1	Credit ..	23.85	..	..	25.36	..	..	24.80	..	..	27.19	..	..	26.91	..	..	127.11	..	..
2	Marketing ..	18.15	9.75	..	21.02	8.00	..	23.75	6.25	..	18.55	3.75	..	19.55	3.75	..	101.02	31.50	..
3	Processing other than Sugar Factory and Large Processing Units.	19.95	19.00	..	19.16	12.00	..	13.42	4.00	..	5.45	4.00	..	..	..	..	57.98	39.00	..
4	Co-operative Sugar Factory.	8.00	8.00	..	3.00	3.00	..	15.00	..	..	..	..	..	..	..	..	26.00	11.00	..
5	Co-operative Farming.	1.02	..	..	1.38	..	..	1.51	..	..	1.69	..	..	1.22	..	..	6.82	..	..
6	Co-operative Training and Education.	6.68	..	..	6.68	..	..	6.68	..	..	6.98	..	..	6.98	..	..	34.00	..	..
7	Administration ..	1.63	..	..	2.87	..	..	4.41	..	..	5.79	..	..	10.30	..	..	25.00	..	..
8	Others ..	5.08	3.55	..	5.59	2.80	..	2.73	1.45	..	2.71	1.45	..	2.40	1.35	..	18.51	10.60	..
9	Urban Consumers	13.53	4.44	..	18.34	6.62	..	14.10	4.58	..	11.48	2.57	..	10.55	1.49	..	68.00	19.70	..
10	Rural Consumers	2.75	1.40	..	1.88	1.15	..	0.36	0.20	..	0.19	..	..	0.20	..	..	5.38	2.75	..
	Total ..	100.54	46.14	..	105.28	33.57	..	106.76	16.48	..	80.03	11.77	..	77.11	6.59	..	469.82	114.55	..

DRAFT FOURTH FIVE YEAR PLANS (1969-74)

Statement II

Proposed plan outlays

Rupees in lakhs

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11

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Co-operation and Community Development.

1	Community Development ..	182.60	40.27	..	150.00	31.50	..	125.00	26.25	..
	Special schemes for seven Backward Districts.	45.00	..	..	45.00	..	..	45.00	..	..
2	Rural manpower ..	5.00	..	..	5.00	..	..	5.00	..	..
3	Well construction programme ..	5.00	..	..	5.00	..	..	5.00	..	..

DRAFT FOURTH FIVE YEAR PLAN (1969-74) Concl'd.

Sl. No.	Head/Sub-head	1972-73			1973-74			Fourth Plan outlay		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	12	13	14	15	16	17	18	19	20

Co operation and Community Development.

1	Community Development ..	75.00	15.75	..	43.00	9.03	..	575.60	122.80	..
	Special schemes for seven Backward Districts.	45.00	..	..	45.00	..	..	225.00	..	..
2	Rural manpower ..	5.00	..	..	5.00	..	..	25.00	..	..
3	Well construction programme ..	5.00	..	..	5.00	..	..	25.00	..	..

ANNEXURE II
DRAFT FOURTH FIVE-YEAR PLAN 1969—74)

Statement II
Proposed Plan Outlays

(Rupees in lakhs)

Serial No.	Head and Sub-head	1969-70			1970-71			1971-72			1972-73			1973-74			Fourth plan outlay		
		Total	Capital	Foreign ex- change.	Total	Capital	Foreign ex- change.	Total	Capital	Foreign ex- change.	Total	Capital	Foreign ex- change.	Total	Capital	Foreign ex- change.	Total	Capital	Foreign ex- change.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Village Panchayat																			
1	Remunerative Scheme ..	5.60	5.60	..	5.60	5.60	..	5.60	5.60	..	5.60	5.60	..	5.60	5.60	..	28.00	28.00	..
2	Facilities for storage ..	0.40	0.40	..	0.40	0.40	..	0.40	0.40	..	0.40	0.40	..	0.40	0.40	..	2.00	2.00	..
3	Development grant ..	2.15	..	..	2.15	..	..	2.15	..	..	2.15	..	..	2.15	..	..	10.75	..	..
4	Matching grant ..	0.50	..	..	0.50	..	..	0.50	..	..	0.50	..	..	0.50	..	..	2.50	..	..
5	Panchayati Raj Journal	0.20	..	..	0.20	..	..	0.20	..	..	0.20	..	..	0.20	..	..	1.00	..	..
6	Training Programme ..	0.50	..	..	0.50	..	..	0.50	..	..	0.50	..	..	0.50	..	..	2.50	..	..
7	Construction of staff quarters.	0.65	0.65	..	0.65	0.65	..	0.65	0.65	..	0.65	0.65	..	0.65	0.65	..	3.25	3.25	..
Total ..		10.00	6.65	..	10.00	6.65	..	10.00	6.65	..	10.00	6.65	..	10.00	6.65	..	50.00	33.25	..

FOURTH FIVE-YEAR PLAN (1969-74)

Stament II

Proposed Plan Outlays

Rs. in lakhs

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
Irrigation										
	(a) Continuing ..	648.31	648.31	5.00	315.25	315.25	..	140.00	140.00	..
	(b) New ..	95.00	95.00	10.00	431.00	431.00	80.00	606.00	606.00	47.00
2	Flood and Drainage water logging and an isea erosion.	60.00	60.00	..	60.00	60.00	..	60.00	60.00	..
3	Investigation & Research ..	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
	Total	833.31	833.31	18.00	836.25	836.25	23.00	886.00	836.00	50.00

FOURTH FIVE-YEAR PLAN (1969-74)

Stament II

Proposed Plan Outlays

Rs. in lakhs

Sl. No.	Head/Sub-head	1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign ex-change	Total	Capital	Foreign ex-change	Total	Capital	Foreign ex-change
1	2	12	13	14	15	16	17	18	19	20
	Irrigation									
	(a) Continuing ..	43.19	43.19	..	10.00	10.00	..	1,156.75	1,156.75	5.00
	(b) New ..	702.20	702.20	400.00	73.00	734.00	40.00	2,568.20	2,568.20	1,570.00
2	Flood and Drainage water logging and antisea erosion.	60.00	60.00	..	60.00	60.00	..	300.00	300.00	..
3	Investigation & Research ..	30.00	30.00	3.00	30.00	30.00	3.00	150.00	150.00	15.00
	Total ..	835.39	835.39	43.00	834.00	834.00	43.00	4174.95	4174.95	77.00

DRAFT FOURTH FIVE-YEAR

Annexure

Statement

Proposed Plan

(Rs. in

Sl. No.	Head/Subhead	1969-70		
		Total	Capital	Foreign Exchange
1	2	3	4	5
	(ii) Power			
1	Generation ..	989.96	989.96	312.39
2	Transmission and Distribution	385.52	385.52	51.00
	(a) Inter-State Link ..	..	..	..
	(b) Trunk transmission Lines.	..	..	..
	(c) Others ..	..	..	..
3	Rural Electrification ..	180.00	180.00	..
4	Investigation ..	8.00	8.00	..
5	Miscellaneous ..	..	..	..
	Total ..	1,363.48	1,363.48	363.39

1972-73			1973-74	
Total	Capital	Foreign Exchange	Total	Capital
12	13	14	15	16
454.44	454.44	13.40	515.74	515.74
400.00	400.00	20.00	826.93	826.93
..
..
300.00	300.00	..	350.00	350.00
26.00	26.00	..	36.00	36.00
1,180.44	1,180.44	33.40	1,228.67	1,228.67

PLAN (1969-74)

II

II

Outlays

(lakhs)

1970-71			1971-72		
Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
6	7	8	9	10	11
767.00	767.00	261.24	812.04	812.04	116.12
420.00	420.00	22.00	423.00	423.00	20.00
..
..
225.00	225.00	..	200.00	200.00	..
11.00	11.00	..	19.00	19.00	..
1,423.00	1,423.00	283.24	1,454.04	1,454.04	136.12

Foreign Exchange	Fourth Plan Outlay		
	Total	Capital	Foreign Exchange
17	18	19	20
2.24	3,539.18	3,539.18	703.39
18.00	1,955.45	1,955.45	131.00
..
..
..	1,255.00	1,255.00	..
..	100.00	100.00	..
20.24	6,849.63	6,849.63	836.39

**DRAFT FOURTH FIVE-YEAR
Statement-
Proposed Plan**

Sl. No.	Head/Sub-head	1969-70		
		Total	Capital	F. E.
1	2	3	4	5
Large and Medium Industries				
1	State Industrial Projects (Talcher)	200·00	200·00	..
2	Industrial areas	30·00	30·00	..
3	Investment of share capital loan to I. D. C.	744·00	744·00	26·36
4	Others	21·00	17·00	..
Total Large and Medium Industries.		995·00	991·00	26·36
<hr/>				
1972-73			1973-74	
Total	Capital	F. E.	Total	Capital
12	13	14	15	16
400·00	400·00	200·00	200·00	200·00
30·00	30·00	..	10·00	10·00
..
16·00	12·00	..	16·00	12·00
<hr/>				
446·00	442·00	200·00	226·00	222·00

PLAN (1969-74)

II

Outlay

1970-71			1971-72		
Total	Capital	F. E.	Total	Capital	F. E.
6	7	8	9	10	11
600·00	600·00	200·00	600·00	600·00	200·00
30·00	30·00	..	30·00	30·00	..
81·00	81·00	..	..	..	..
21·00	17·00	..	16·00	12·00	..
732·00	728·00	200·00	646·00	642·00	200·00

Fourth Plan Outlay			Rs. in lakhs
F. E.	Total	Capital	Foreign Exchange
17	18	19	20
..	2000·00	2000·00	600·00
..	130·00	130·00	..
..	825·00	825·00	26·36
..	90·00	70·00	..
..	3045·00	3025·00	626·36

DRAFT FOURTH FIVE-YEAR

Statement

Proposed Plan

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1969-70		
		Total	Capital	Foreign exchange
1	2	3	4	5
Mineral Development				
1	Geophysical Prospecting ..	0.60	0.40	..
2	Geochemical Prospecting ..	0.45	0.25	..
3	Re-assessment of ore reserves ..	3.50	3.20	0.40
4	Minerological Research ..	0.40	0.20	..
5	Commercial Laboratory and Quality control.	1.00	0.60	..
6	Examination of Laerites ..	0.50	0.50	..
7	Re-organisation of Zonal Survey	0.80	0.50	..
8	Creation of Development cell ..	0.60	0.40	..
9	Training of Technical personnel..	0.20	..	0.10
10	Organisation of Mining and Geology gallery of State Meseum.	0.40	0.35	..

PLAN 1969--74

II

outlays

1970-71			1971-72		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
6	7	8	9	10	11
1.64	1.00	0.90	3.00	2.00	2.00
2.80	1.50	0.90	0.65	0.20	..
6.90	5.50	0.80	2.60	0.60	..
2.70	2.10	1.20	1.50	0.70	0.40
2.80	1.60	..	1.80	0.80	..
1.80	1.30	1.00	1.30	0.70	0.50
2.40	1.40	..	1.50	0.20	..
2.20	1.80	0.20	08.0	0.10	..
0.30	0.10	0.10	0.20	0.10	..
0.40	0.30	..	0.10	..	..

DRAFT FOURTH FIVE-YEAR

Statement

Proposed Plan

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1972-73		
		Total	Capital	Foreign exchange
1	2	12	13	14

Mineral Development

1	Geophysical Prospecting ..	1.20	..	..
2	Geochemical Prospecting ..	0.50	..	..
3	Re-assessment of ore reserves ..	1.80	..	..
4	Minerological Research ..	0.80	..	..
5	Commercial Laboratory and Quality control.	1.00	..	..
6	Examination of Latrites ..	0.40	..	..
7	Re-organisation of Zonal Survey	1.20	..	..
8	Creation of Development cell ..	0.70	..	..
9	Training of Technical personnel..	0.30	..	0.10
10	Organisation of Mining and Geology gallery of State Museum.	0.10	..	..

PLAN 1969—74)

II

outlays

1973-74			Further Plan Outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
15	16	17	18	19	20
1·20	..	.	7·64	3·60	2·90
0·50	4·90	1·95	0·90
1·80	16·60	9·30	1·20
0·70	6·16	3·00	1·60
1·00	7·60	3·00	..
0·40	4·40	2·50	1·50
1·20	7·10	2·10	..
0·70	5·00	2·30	0·20
0·10	..	.	1·10	0·20	0·30
0·10	1·10	0·65	--

DRAFTS FOURTH
State-
Proposed

Sl. No.	Head/Sub-Head	1969-70		
		Total	Capital	Foreign exchange
1	2	3	4	5
11	Re-organisation of Circle Administration.	2 50	1 20	..
12	Strengthening of the Headquarters Administration.	1 00	0 40	..
13	Building Projects ..	1 50	1 50	..
14	Development of Roads in Mining areas.	5 00	5 00	..
15	Building Projects ..	1 50	1 50	..
16	Daitari Iron Ore Projects ..	80 00	80 00	..
17	Dungri Limestone Project ..	50 00	50 00	..
18	Permanent Dam at Daitari ..	..	..	..
19	Exploitation of Iron Ore reserves in Malangutoli area.	3 00	3 03	..
Total..		152 95	149 00	3 50

FIVE-YEAR PLAN 1969-74

memn II

Plan outlays

(Rs. in Lakhs)

1970-71			1971-72		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
6	7	8	9	10	11
2.60	1.40	..	2.86	0.60	..
2.00	0.70	..	1.70	0.20	..
3.00	3.00	..	3.50	3.50	..
10.00	10.00	..	15.00	15.00	..
1.50	1.50	..	..	..	..
40.00	40.00	..	..	..	..
50.00	50.00	..	..	..	..
10.00	10.00	..	10.00	10.00	..
6.25	6.25	..	10.75	10.75	..
149.29	139.45	5.00	57.26	45.65	2.90

DRAFT FOURTH
State
Proposed

Sl. No.	Head/Sub-Head	1972-73		
		Total	Capital	Foreign exchange
1	2	12	13	14
11	Re-organisation of Circle Administration.	2.80	..	..
12	Strengthening of the Headquarters Administration.	1.60	..	..
13	Building Projects	3.50	3.53	..
14	Development of Roads in Mining areas.	10.00	10.00	..
15	Building Projects ..	..	..	..
16	Daitari Iron Ore Projects ..	..	..	..
17	Dungri Limestone Project ..	..	..	..
18	Permanent Dam at Daitari ..	10.00	10.00	..
19	Exploitation of Iron Ore reserves in Malangutoti area.	50.00	50.00	..
	Total ..	85.90	73.50	00.10

FIVE-YEAR PLAN 1969—74

ment II

Plan Outlay

(Rs. in lakhs)

1973-74			Fourth Plan Outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
15	16	17	18	19	20
2·80	..	..	13·56	3·20	..
1·60	..	..	7·90	1·30	..
2·50	2·50	..	14·00	14·00	..
10·00	10·00	..	50·00	50·00	..
..	..	..	3·00	3·00	..
..	..	..	120·00	120·00	..
..	..	..	100·00	100·00	..
..	..	..	30·00	30·00	..
30·00	30·00	..	100·00	100·00	..
54·60	42·50	..	500·00	450·10	8·60

DRAFTS FOURTH FIVE YEAR PLAN 1969—74

Statement II

Proposed Plan Outlay

Village & Small-Scale Industries

Ruppees in lakhs

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11
1	Handloom ..	43·03	20·44	..	17·58	3·85	..	17·43	3·20	..
2	Powerloom ..	14·31	13·00	..	1·37	..	..	1·42	..	..
3	Small Scale Industries	68·05	46·00	0·50	57·90	38·00	1·00	52·37	35·55	..
4	Industrial Estate ..	15·00	15·00	..	20·00	20·00	..	20·70	20·70	..
5	Handicrafts ..	8·88	1·00	..	7·71	1·00	..	6·20	1·00	..
6	Sericulture ..	3·40	..	..	3·14	..	..	2·97	..	..
7	Coir Industry ..	0·50	0·12	..	0·30	0·12	..	0·25	0·12	..
8	Khadi & Village Industries Board.	2·00	..	..	2·00	..	..	2·00	..	..
	Total ..	155·17	95·56	0·50	110·00	62·97	1·00	103·34	60·57	..

Statement II—Concl'd.

Sl. No.	Head/Sub-head	1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	12	13	14	15	16	17	18	19	20
1	Handloom ..	18.13	3.20	..	28.54	10.34	..	124.71	38.80	..
2	Powerloom ..	1.48	..	..	1.53	..	..	20.11	13.00	..
3	Small-Scale Industries	49.24	33.00	..	49.76	33.00	..	277.32	190.55	1.50
4	Industrial Estate ..	15.00	15.00	..	13.00	13.00	..	83.70	83.70	..
5	Handicrafts ..	5.70	1.00	..	5.76	1.00	..	34.25	5.00	..
6	Sericulture ..	2.82	..	..	2.61	..	..	15.00	..	..
7	Coir Industry ..	0.25	0.12	..	0.20	0.12	..	1.50	0.60	..
8	Khadi & Village Industries Board.	2.00	..	..	2.00	..	..	10.00	..	..
	Total ..	94.62	52.32	..	103.46	57.46	..	565.59	331.65	1.50

ANNEXURE II

Draft Fourth Five-Year Plan (1969—74)

STATEMENT II

Proposed plan outlay

(Rupees in lakhs)

Serial No.	Head/subhead	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
IV. ROADS (P.W.D.)										
1	Spillover ..	3,40,00,000	3,40,00,000	..	3,40,00,000	3,40,00,000	..	2,72,10,400	2,72,10,400	..
2	New Scheme ..	50,00,000	50,00,000	..	50,00,000	50,00,000	..	1,22,71,100	1,22,71,100	..
3	Total of which ..	3,90,00,000	3,90,00,000	..	3,90,00,000	3,90,00,000	..	3,94,81,500	3,94,81,500	..
4	Rural roads ..	1,37,50,000	1,37,50,000	..	1,37,50,000	1,37,50,000	..	1,55,74,000	1,55,74,000	..
5	Others ..	2,52,50,000	2,52,50,000	..	2,52,50,000	2,52,50,000	..	2,39,07,500	2,39,07,500	..
6	Total IV ..	3,90,00,000	3,90,00,000	..	3,90,00,000	3,90,00,000	..	3,94,81,500	3,94,81,500	..
7	Air strips ..	4,00,000	4,00,000	..	4,00,000	4,00,000	..	4,00,000	4,00,000	..
	Total ..	3,94,00,000	3,94,00,000	..	3,94,00,000	3,94,00,000	..	3,98,81,500	3,98,81,500	..
	R. E. O. Roads ..	40,00,000	40,00,000	..	40,00,000	40,00,000	..	40,00,000	40,00,000	..
	Urban Roads ..	15,00,000	15,00,000	..	15,00,000	15,00,000	..	15,00,000	15,00,000	..
	Panchayat Samiti roads ..	10,00,000	10,00,000	..	10,00,000	10,00,000	..	10,00,000	10,00,300	..
	Grand Total ..	4,59,00,000	4,59,00,000	..	4,59,00,000	4,59,00,000	..	4,63,81,500	4,63,81,500	..

Draft Fourth Five-Year Plan (1969—74)

STATEMENT II

Proposed plan outlay

(Rupees in lakhs)

Serial No.	Head/sub-head	1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	12	13	14	15	16	17	18	19	20
1	Spillover	.. 1,00,00,000	1,00,00,000	..	1,00,00,000	1,00,00,000	..	11,52,10,400	11,52,10,400	..
2	New Scheme	.. 2,65,00,000	2,65,00,000	..	2,65,18,500	2,65,18,500	..	7,52,89,600	7,52,89,600	..
3	Total of which	.. 3,65,00,000	3,65,00,000	..	3,65,18,500	3,65,18,500	..	19,05,00,000	19,05,00,000	..
4	Rural roads	.. 1,10,00,000	1,10,00,000	..	1,10,33,000	1,10,33,000	..	6,51,07,000	6,51,07,000	..
5	Others	.. 2,55,00,000	2,55,00,000	..	2,54,85,500	2,54,85,500	..	12,53,93,000	12,53,93,000	..
6	Total IV	.. 3,65,00,000	3,65,00,000	..	3,65,18,500	3,65,18,500	..	19,05,00,000	19,05,00,000	..
7	Air strips	.. 4,00,000	4,00,000	..	4,00,000	4,00,000	..	20,00,000	20,00,000	..
	Total	.. 3,69,00,000	3,69,00,000	..	3,69,18,500	3,69,18,500	..	19,25,00,000	19,25,00,050	..
	R. E. O. Roads	.. 40,00,000	40,00,000	..	40,00,000	40,00,000	..	2,00,00,000	2,00,00,000	..
	Urban Roads	.. 15,00,000	15,00,000	..	15,00,000	15,00,000	..	75,00,000	75,00,000	..
	Panchayat Samiti roads	10,00,000	10,00,000	..	10,00,000	10,00,000	..	50,00,000	50,00,000	..
	Grand Total	.. 4,34,00,000	4,34,00,000	..	4,34,18,500	4,34,18,500	..	22,50,00,000	22,50,00,000	..

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

ANNEXURE II

Statement II

Proposed Plan Outlays

(Rupees in lakhs)

Sl. No.	Head/Sub-head *	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
1	Road Transport ..	30.00	30.00	..	39.00	39.00	..	50.00	50.00	..
2	Planning & Development Cell, under State Transport Authority.	1.16	1.16	..	0.96	0.96	..	0.96	0.96	..
3	Establishment of Truck Terminals under State Transport Authority.	3.22	3.22	..	3.44	3.44	..	3.66	3.66	..
1972-73			1973-74			Fourth Plan Outlay				
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange		
12	13	14	15	16	17	18	19	20		
44.00	44.00	..	37.00	37.00	..	2.00.00	2.00.00	..		
0.96	0.96	..	0.96	0.96	..	5.00	5.00	..		
3.88	3.88	..	0.80	0.80	..	15.00	15.00	..		

* As indicated in the enclosure

ANNEXURE II
DRAFTS FOURTH FIVE YEAR PLAN (1969-74)

Statement-II
Proposed Plan outlay

(Rupees in lakhs)

Sl. No.	Head\Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11
STATE SECTOR										
1	Ore Transport ..	100.00	100.00	..	..	..	..	..	..	..
2	Inland water Transport ..	2.00	2.00	..	2.00	2.00	..	2.00	2.00	..
		1972-73			1973-74			1974-75		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
		12	13	14	15	16	17	18	19	20
		..	..	..	..	..	..	100.00	10.00	..
		2.00	2.00	..	2.00	2.00	..	10.00	10.00	..

DRAFT 4TH FIVE-YEAR PLAN (1969—74)

Statement II

Proposed Plan Out-Lay

(Rs. in lakhs)

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72			
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	
1	2	3	4	5	6	7	8	9	10	11	
1	Tourism										
	Part II	..	7.50	7.50	..	13.25	13.25	..	6.75	6.75	..
	Part III	..	2.95	2.00	..	4.95	3.70	..	5.60	3.90	..
	Total	..	10.45	9.50	..	18.20	16.95	..	12.35	10.65	..

Sl. No.	Head/Sub-head	1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	12	13	14	15	16	17	18	19	20
1	Tourism									
	Part II	6.00	6.00	..	2.50	2.50	..	36.00	36.00	..
	Part III	2.55	0.40	..	1.95	..	..	18.00	10.00	..
	Total	8.55	6.40	..	4.45	2.50	..	54.00	46.00	..

ANNEXTURE II
Draft Fourth Five Year Plan (1969-74)
STATEMENT-II

(Rs. in lakhs)

Prased plan outlays

Serial No.	Head/Sub-Head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
GENERAL EDUCATION										
1	Elementary Education	70.52	20.08	..	117.54	25.31	..	165.38	28.95	..
2	Secondary Education ..	60.50	23.94	..	89.31	25.35	..	113.67	26.94	..
3	University Education ..	121.05	40.18	0.50	126.97	36.62	1.00	137.82	38.97	1.50
4	Teachers Training									
	(a) Elementary Education	6.80	2.51	..	9.32	1.70	..	10.92	1.00	..
	(b) Secondary Education	6.39	0.95	..	6.09	..	..	6.29	..	..
5	Social Education ..	1.00	..	..	1.50	..	..	2.00	..	..
6	Other Educational Programme.	5.60	1.00	..	8.70	1.50	..	12.00	1.70	..
7	Development of M. I. L., Physical Education and sports.	5.00	..	..	5.00	..	..	5.00	..	..
	Total General Education	276.86	88.66	0.50	364.43	90.48	1.00	453.08	97.56	1.50

Fourth Plan Outlay

Serial No.	Head/Sub-Head	1972-73			1973-74			Total	Capital	Foreign exchange
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange			
1	2	12	13	14	15	16	17	18	19	20
1	Elementary Education	221.55	32.48	..	291.40	36.08	..	866.39	142.90	..
2	Secondary Education ..	156.45	28.74	..	212.73	32.51	..	632.66	137.48	..
3	University Education ..	151.61	43.68	2.00	163.50	48.48	2.00	700.95	207.93	7.00
4	Teachers Training									
	(a) Elementary Education	11.77	1.00	..	11.78	1.00	..	50.59	7.21	..
	(b) Secondary Education	6.50	..	..	6.80	..	..	32.07	0.95	..
5	Social Education ..	2.50	..	..	3.00	..	..	10.00	..	..
6	Other Educational Programme.	15.30	1.90	..	18.40	2.40	..	60.00	8.50	..
7	Development of M. I. L., Physical Education and sports.	5.00	..	..	5.00	..	..	5.00	..	..
	Total General Education	570.68	107.80	2.00	712.61	120.47	2.00	2377.66	504.97	7.00

DRAFT FOURTH FIVE-YEAR PLAN 1969-74

Statement II

Proposed Plan Outlay

(Rupees in lakhs)

Serial No.	Head and Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
1	Technical education ..	52.75	41.75	..	66.25	55.25	..	57.25	44.75	..

1972-73			1973-74			Fourth plan outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
12	13	14	15	16	17	18	19	20
42.25	27.75	..	28.50	13.00	..	247.00	182.50	..

ANNEXURE

Draft Fourth Five Year Plan (1969—74)

STATEMENT II

Proposed plan outlay

Serial No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
L.V—Gen. Education										
	7—Cultural ..	12.57	6.20	..	13.38	6.80	..	10.64	3.90	..
	Programme ..	(—)2.15	1.05	..	2.20	1.12	..	2.30	1.20	..
	Dist. Gazeteer ..	2.00	..	..	2.00	..	..	2.00	..	..
		12.42	5.15	..	13.18	5.70	..	10.34	2.70	..

Serial No.	Head/Sub-head	1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	12	13	14	15	16	17	18	19	20

L. V-Gen Education

7—Cultural Programme	..	10.51	3.40	..	9.40	2.20	..	56.50	22.50	..
	..	(—)2.33	1.20		2.55	1.45	..	11.50	6.00	..
Dist. Gazeteer	..	2.00	..	..	2.00		..	10.00	..	..
		10.21	2.20		8.85	0.75	..	55.00	16.50	..

ANNESURE II
DRAFT FOURTH FIVE YEAR PLAN 1969--74

Statement II
Proposed Plan outlays

(Rupees in lakhs)

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11
(State Sector Scheme)										
1	Medical Education	79.10	46.59	..	74.10	33.41	..	48.50	18.00	..
2	Engineering Programme ..	5.35	4.00	..	3.40	1.00	..	2.50	..	..
3	Hospitals & Dispensaries	53.70	43.00	..	81.00	31.00	..	93.23	28.00	..
4	Public Health Centers ..	70.30	64.50	..	65.00	56.30	..	75.00	53.40	..
5	Control of Communicable Diseases.	5.00	1.00	..	6.00	1.00	..	7.00	1.00	..
6	Indigenous system of Medicine.	36.00	27.45	..	31.59	20.35	..	25.65	8.50	..
7	Other Programme ..	3.10	..	..	12.10	5.00	..	22.65	8.00	..
Total—Health Family Planning.		252.85	186.54	..	273.19	148.06	..	274.53	116.90	..

Statement II

Sl. No.	Head/Sub-head	1972-73			1973-74			Fourth Plan Outlay		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	12	13	14	15	16	17	18	19	20
1	Medical Education ..	36·65	9·00	..	36·40	5·00	..	274·75	112·00	..
2	Engineering Programm ..	2·70	..	..	3·05	..	..	17·00	5·00	..
3	Hospitals & Dispensaries	84·46	20·00	..	66·26	5·00	..	378·75	127·00	..
4	Public Health Centers ..	70·00	42·60	..	85·00	47·50	..	365·30	264·30	..
5	Control of Communi- cable Diseases.	7·50	..	..	8·00	..	..	33·50	3·00	..
6	Indigencous system of Medicine.	24·46	4·00	..	25·00	2·00	..	143·00	62·30	..
7	Other Programme ..	24·10	8·00	..	25·85	7·00	..	87·70	28·00	..
Total Health Family Planning.		249·87	83·60	..	249·56	66·50	..	1,300·00	601·60	..

DRAFT FOURTH FIVE-YEAR PLAN 1969—74

Statement II

Proposed Plan Outlay

(Rupees in lakhs)

Sl. No.	Head/Sub-heads	1969-70			1970-71			1971-72			
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	
1	2	3	4	5	6	7	8	9	10	11	
	Family Planning										
1	Urban F. W. P. Centres.	9.00	..	..	9.22	..	..	9.45	..	..
2	Rural F. W. P. Centres.	76.60	17.00	..	75.15	13.00	..	76.70	13.00	..	
3	Sub-Centres	..	Included in the Rural F. W. P. Centre against item (b)								
4	Personnel Trained in Family Planning.	12.42	3.00	..	6.49	..	..	6.54	..	..
5	Sterilisation	36.35	2.00	..	44.01	1.00	..	44.17	..	..
6	Contraceptives devices.	6.20	..	..	5.50	..	..	6.50	..	..
	Total	140.57	22.00	..	141.37	14.00	..	143.36	13.00	..	

DRAFT FOURTH FIVE YEAR PLAN 1969-74

Sl. No.	Head/Sub-heads	1972-73			1973-74			1974-75		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	12	13	14	15	16	17	18	19	20
	Family Planning									
1	Urban F. W. P. Centres.	9.69	..	..	9.93	..	..	47.29	..	..
2	Rural F. W. P. Centres.	78.27	12.00	..	79.87	10.00	..	386.59	65.00	..
3	Sub-Centres ..									
4	Personnel Trained in Family Planning.	6.59	..	..	6.71	..	..	38.75	3.00	..
5	Sterilisation ..	44.34	..	..	44.51	..	..	213.38	3.00	..
6	Contraceptives devices.	6.50	..	..	6.50	..	..	32.20	..	..
	Total ..	145.39	12.00	..	147.52	10.00	..	718.21	71.00	..

STATEMENT II

DRAFT FOURTH FIVE-
Statement
Proposed Plan

Serial No.	Head/Sub-Head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
1	Urban									
	(a) Water Supply	146.16	146.16	..	105.21	105.21	..	75.58	75.58	..
	(b) Sewerage & drainage.	100.00	100.00	..	100.00	100.00	..	100.00	100.00	..
2	Rural									
	(a) Piped ..	23.00	23.00	..	22.00	22.00	..	10.00	10.00	..
	(b) Well ..	..	..	..	..	..	..	..	..	..
	Total ..	269.16	269.16	..	227.21	227.21	..	185.58	185.58	..

YEAR PLAN (1969-74)

Annexure II

No. II

outlay

(Rs. in lakhs)

1972-73			1973-74			Fourth Plan out lay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
12	13	14	15	16	17	18	19	20
49.74	49.74	..	..	..	..	376.69 Say 377.00 lakhs	376.69 Say 377.00 lakhs	..
100.00	100.00	..	81.00	81.00	..	481.00	481.00	..
10.00	10.00	..	10.00	10.00	..	75.00	75.00	..
..
159.74	159.74	..	91.00	91.00	..	932.69 Say 933.00 lakhs	932.69 Say 933.00 lakhs	..

DRAFT FOURTH

Statement

Proposed Plan

Sl. No.	Head/Sub-head	1969-70			1970-71		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8

Subsidised—

1	Industrial Housing ..	7.92	7.92	..	12.90	12.90	..
2	Low Income Group Housing	8.00	8.00	..	12.00	12.00	..
3	Village Housing Projects ..	4.00	2.87	..	5.00	3.84	..
4	Assistant to Orissa Housing Board.	2.00	..	..	2.00	..	..
5	Housing Statistical Cell ..	0.08	..	..	0.10	..	..
6	Slum Clearance ..	4.00	4.00	..	4.00	4.40	..
		26.00	22.79	..	36.00	32.74	..

FIVE-YEAR PLAN (1969-74)

Annexure II

II

Outlays

(Rs. in lakhs)

1971-72			1972-73			1973-74			Fourth Plan Outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
9	10	11	12	13	14	15	16	17	18	19	20
17.90	17.90	..	20.89	20.89	..	24.89	24.89	..	84.50	84.50	..
15.00	15.00	..	20.00	20.00	..	20.00	20.00	..	75.00	75.00	..
7.00	5.80	..	9.00	7.76	..	10.00	8.73	..	35.00	29.00	..
2.00	..	..	2.00	..	..	2.00	..	..	10.00	..	..
0.10	..	..	0.11	..	..	0.11	..	..	0.50	..	..
4.00	4.00	..	4.00	4.00	..	4.00	4.00	..	20.00	20.00	..
46.00	42.70	..	56.00	52.65	..	61.00	57.62	..	225.00	208.50	..

DRAFT FOURTH
Statement
Proposed Plan

Serial No.	Head/Sub-head	1969-70			1970-71		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8

IX Town Planning & Urban Development.

(1) Town Planning—

(a) State Sector	..	5.00	..	..	5.00	..	..
(b) Central Sector	..	6.00	..	..	6.00	..	..

IX Town Planning & Urban Development.

(2) Urban Development—

(a) Remunerative	..	8.00	8.00	..	8.00	8.00	..
(b) Non-Remunerative	..	2.00	..	..	2.00	..	..

FIVE-YEAR PLAN (1969—74)

Annexure II

II

outlays

(Rs. in lakhs)

1971-72			1972-73			1973-74			Fourth plan outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
9	10	11	12	13	14	15	16	17	18	19	20
5·00	..	..	5·00	..	..	5·00	..	..	25·00	..	..
6·00	..	..	6·00	..	..	6·00	..	..	30·00	..	..
8·00	8·00	..	8·00	8·00	..	8·00	8·00	..	4·00	40·00	..
2·00	..	..	2·00	..	..	2·00	..	..	10·00	..	..

FOURTH FIVE YEAR
Statement
Proposed Plan Outlay—

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
Welfare of Backward										
Share of Backward										
<i>Schedule Tribes</i>										
(a)	Education ..	44.75	..	..	43.05	..	..	52.75	..	..
(b)	Economic Uplift	12.70	..	..	13.50	..	..	13.50	..	..
(c)	Health Housing and other Schemes.	12.40	..	..	9.90	..	..	11.60	..	..
	Total Schedule Tribes.	69.85	..	..	66.45	..	..	77.85	..	..
<i>Schedule Castes</i>										
(a)	Education ..	13.35	..	..	14.40	..	..	15.95	..	..
(b)	Economic Uplift	1.30	..	..	1.35	..	..	1.40	..	..
(c)	Health Housing and other Schemes.	4.10	..	..	5.10	..	..	6.60	..	..
	Total Schedule Castes.	18.75	..	..	20.85	..	..	23.95	..	..
	Total State Sector	88.60	..	..	87.30	..	..	101.80	..	..

PLAN (1969-74)

Annexure I

II

State Sector

(Rs. in lakhs)

1972-73			1973-74			1974-75		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Fourth Plan outlay		
						Total	Capital	Foreign exchange
12	13	14	15	16	17	18	19	20
55.00	64.20	..	..	259.75	..	..
11.90	11.90	..	..	63.50	..	..
12.60	14.50	..	..	61.00	..	..
79.50	90.60	..	..	384.25	..	..
16.00	16.55	..	..	76.25	..	..
1.45	2.00	..	..	7.50	..	..
7.60	8.60	..	..	32.00	..	..
25.05	27.15	..	..	115.75	..	..
104.55	117.75	..	..	500.00	..	..

DRAFT FOURTH
Statement
Proposed Plan

Sl. No.	Head/Sub-head	1969-70			1970-71		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8
Social Welfare—							
1	Woman Welfare	.. 0.50	0.50	..	0.60	0.50	..
2	Child Welfare	.. 0.50	0.40	..	0.55	0.40	..
3	Social Defence	.. 2.62	0.25	..	3.58	1.25	..
4	Education of Handicapped	.. 0.39	0.04	..	0.43	0.04	..
5	Grant-in-aid to Voluntary Organisations.	0.50	..	..	..	0.50	..
		4.51	1.19	..	5.66	2.19	..

FIVE-YEAR PLAN (1969—74)

II

Annexure II

Outlays

1971-72			1972-73			1973-74			Fourth Plan Outlay		
Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
9	10	11	12	13	14	15	16	17	18	19	20
0.05	..	..	0.05	..	..	0.05	..	..	1.25	1.00	..
0.15	..	..	0.15	..	..	0.15	..	..	1.50	0.80	..
5.42	1.50	..	4.76	..	..	3.87	..	..	20.25	3.00	..
0.44	..	..	2.49	2.00	..	2.25	1.85	..	6.00	3.93	..
0.50	..	..	0.50	..	..	0.50	..	..	2.50	..	..
6.56	1.50	..	7.95	2.00	..	6.82	1.85	..	31.50	8.73	..

DRAFT FOURTH FIVE-
Statement
Proposed Plan

Sl. No.	Head/Sub Head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11
I Craftsmen Training and Labour Welfare										
1	Employment Service Scheme.	0.92	..	..	2.55	1.00	..	3.65	1.50	..
2	Labour Welfare	1.58	..	..	1.89	..	..	1.22	..	..
3	Employees State Insurance Scheme.	0.14	..	..	1.49	..	..	2.14	..	..
Total ..		2.64	..	..	5.93	1.00	..	7.01	1.50	..

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
1	Craftsmen Training.	45.43	38.90	..	56.85	48.49	..	54.91	44.68	..

YEAR PLAN (1969-74)

Annexure II

II

outlays

(Rs. in lakhs)

1972-73			1973-74			Fourth Plan outlay		
Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
12	13	14	15	16	17	18	19	20
2.26	2.56	..	..	11.94	2.50	..
1.24	1.23	..	..	7.16	..	..
2.10	2.03	..	..	7.90	..	..
5.60	5.82	..	..	27.00	2.50	..

1972-73			1973-74			Fourth Plan outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
12	13	14	15	16	17	18	19	20
28.82	17.01	..	16.99	6.25	..	203.00	155.33	..

DRAFT FOURTH FIVE-

State-

Proposed Plan

Sl. No.	Head/Sub-head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11
		Rs. p.			Rs. p			Rs. p		
	Public Corporation	0.60			0.60			0.60		

Sl. No.	Head/ Sub-Head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11
1	Miscellaneous Statistics.	9.00	..	..	9.50	..	..	10.00	..	..

YEAR PLAN (1969-74)

ment II

outlay

1972-73			1973-74			Fourth Plan Outlay		
Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
12	13	14	15	16	17	18	19	20
Rs.			Rs.			Rs.		
0.60	0.60	..	..	3.00	..	..

(Rs. in lakhs)

1972-73			1973-74			Fourth Plan Outlay		
Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
12	13	14	15	16	17	18	19	20
10.50	11.00	..	..	50.00	..	..

DRAFT FOURTH FIVE-

State

Proposed plan

Sl. No.	Head/ Sub-Head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11

PUBLICITY

Publicity.. 18.03 4.78 .. 17.45 4.13 .. 13.50 1.14 ..

18.03 4.78 .. 17.45 4.13 .. 13.50 1.14 ..

Sl. No.	Head/Sub-Head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11
	New Capital project	200	200	..	190	188	2	140	140	..

YEAR PLAN (1969--74)

ment II

outlay

(Rs. in lakhs)

1972-73			1973-74			Fourth-Plan outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
12	13	14	15	16	17	18	19	20

13.24 0.98 .. 12.78 0.38 .. 75.00 11.41 ..

13.24 0.98 .. 12.78 0.38 .. 75.00 11.41 ..

1972-73			1973 74			Forth Plan Outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreing exchange	Total	Capital	Foreign exchange
12	13	14	15	16	17	18	19	20

70 70 .. 56 56 .. 656 654 2

DRAFT FOURTH FIVE

State

Proposed Plan

Sl. No.	Head/Sub-Head	1969-70			1970-71			1971-72		
		Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11

Evaluation
Organisation ..

1.00

..

..

1.00

..

..

1.00

..

..

Sl. No.	Head/ Sub-head*	1969-70			1970-71			1971-72		
		Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11

1

Government
Press.

16.00

16.00

1.00

16.00

16.00

1.00

16.00

16.00

1.00

YEAR PLAN (1969—74)

ment—II

outlays

(Rs. in lakhs)

1972-73			1973-74			Fourth Plan Outlay		
Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange	Total	Capital	Foreign Exchange
12	13	14	15	16	17	18	19	20
1.00	1.00	..	..	5.00	..	..

Annexure II
Rs. In Lakhs

1972-73			1973-74			Fourth Plan Outlay		
Total	Capital	Foreign exchange	Total	Capital	Foreign exchange	Total	Capital	Foreign exchange
12	13	14	15	16	17	18	19	20
16.00	16.00	1.00	16.00	16.00	1.00	80.00	80.00	5.00

DRAFT FOURTH FIVE-
Statement
(Important Projects costing)

Serial No.	Head of development	Total estimated cost	Total expenditure by Fourth Plan Outlay			
			The end of third plan	1968-69	Total	Foreign exchange
1	2	3	4	5	6	7
1	Hirakud Stage I	.. 6,781.94	6,531.94	6,554.75	227.19	..
2	Mahanadi Delta	.. 3,433.88	2,021.46	2,920.07	513.81	..
3	Salandi	.. 1,307.68	651.17	1,273.40	34.28	..
4	Upper Indravati	.. 2,419.18	..	..	945.00	92.00
5	Anandpur Barrage	.. 1,811.00	23.82	23.72	700.00	65.00

PLAN

III

Rs. 5 crore and above)

Rs. in lakhs

Outlay proposed									
1969-70		1970-71		1971-72		1972-73		1973-74	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
8	9	10	11	12	13	14	15	16	17
20.00	..	50.00	..	120.00	..	27.19	..	10.00	..
350.00	..	163.81	..	..	..	..	..	..	..
34.28
20.00	..	200.00	20.00	220.00	27.00	235.00	25.00	270.00	20.00
30.00	10.00	120.00	..	160.00	20.00	170.00	15.00	220.00	20.00

DRAFT FOURTH FIVE-
Statement
(Important Project costing Rs. 5

Sl. No.	Head of Development	Total estimated cost	Total expenditure	
			The end of 3rd Plan	1968-1969
1	2	3	4	5
CONTINUING SCHEMES				
Generation Scheme				
1	Balimela Power	.. 2,791.51	210.03	1,021.97
2	Balimela Dam	.. 1,678.62	547.36	836.36
		(representing 50 per cent Orissa share)		
3	Talcher Thermal	.. 2,967.00	1,854.16	2,723.05
4	Hirakud Stage-II	.. 1,495.00	1,357.77	1,411.44
Transmission Schemes				
1	Balimela Transmission	.. 1,420.00	240.85	583.07
2	Talcher Transmission	.. 513.00	260.98	467.48
3	Transmission and Distribution	.. 1,465.00	897.56	1,374.11
I	R. E. Scheme	.. 1,655.00	377.87	648.56
NEW SCHEMES				
Generation Schemes				
1	Upper Kolab	.. 2,277.60	..	..
2	Upper Indravati	.. 7,478.00	..	..
Transmission Schemes				
1	T. & D. Schemes	.. 1,854.00	..	..
2	R. E. Schemes	.. 1,200.00	..	..
	Investigation	.. 100.00	..	..
	Total	.. 26,894.73	5,746.58	9,066.04

YEAR PLAN

—III

crores and above)

(Rs. in lakhs)

Fourth Plan outlay		1969-70	
Total	Foreign exchange	Total	Foreign exchange
6	7	8	9
1,769.54	479.19	435.84	104.15
842.26	26.20	290.17	8.24
243.95	200.00	243.95	200.00
83.43	..	20.00	..
836.93	45.00	150.00	9.00
45.52	30.00	45.52	30.00
123.00	14.00	40.00	5.00
55.00	..	30.00	..
400.00	..	..	..
200.00	..	..	..
950.00	42.00	150.00	8.00
1,200.00	..	150.00	..
100.00	..	8.00	..
6,849.63	836.39	1,563.48	364.39

DRAFT FOURTH FIVE-
Statement

(Important Project costing Rs. 5

Sl. No.	Head of Development	1970-71		1971-72	
		Total	Foreign exchange	Total	Foreign exchange
1	2	10	11	12	13

CONTINUING SCHEMES

Generation Schemes

1	Balimela Power	.. 540.58	256.00	532.76	110.12
2	Balimela Dam	.. 206.42	425.24	209.28	6.00

3	Talcher Thermal	.. ..	..	..	..
4	Hirakud Stage-II	.. 20.00	..	20.00	..

Transmission Schemes

1	Balimela Transmission	.. 200.00	10.00	200.00	10.00
2	Talcher Transmission	.. ..	..	..	..
3	Transmission and Distribution	.. 40.00	5.00	43.00	4.00
I	R. E. Scheme	.. 25.00	..	..	..

NEW SCHEMES

Generation Schemes

1	Upper Kolab	.. ..	..	50.00	..
2	Upper Indravati	.. ..	..	..	..

Transmission Schemes

1	T. & D. Scheme	.. 180.00	8.00	180.00	8.00
2	R. E. Scheme	.. 200.00	..	200.00	..
	Investigation	.. 11.00	..	19.00	..

Total	.. 1,423.00	284.24	1,454.04	138.12
--------------	-------------	--------	----------	--------

YEAR PLAN

—III

crores and above)

(Rs. in lakhs)

1972-73		1973-74	
Total	Foreign exchange	Total	Foreign exchange
14	15	16	17
187.65	8.92	72.71	..
101.79	4.48	34.69	2.24
..
15.00	..	8.43	..
200.00	10.00	86.93	6.00
..
..
..
150.00	..	200.00	..
..	..	200.00	..
200.00	8.00	240.00	10.00
300.00	..	350.00	..
26.00	..	36.00	..
1,180.44	31.40	1,228.67	18.24

DRAFT FOURTH FIVE-
Statement-
(Important Project Costing

Serial No.	Head of Development	Total estimated cost	Total Expenditure by		Fourth Plan Outlay	
			the end of 3rd plan	1968-69	Total	Foreign exchange
1	2	3	4	5	6	7

		Rs.	Rs.	Rs.	Rs.	Rs.
Industrial Development Corporation of Orissa Ltd.						
1.	Kalinga Iron Works	.. 1,024.15	407.90	613.29	*410.86	..
2.	Cement Project	.. 739.41	425.47	617.54	*7.95	..
3.	Ferro-Chrome	.. 658.47	11.15	249.43	*301.50	26.36
4.	Talcher Indl. Complex	.. 4,686.00	..	20.00	2,000.00	600.00

	1969-70	1970-71	1971-72
	Foreign Exchange	Foreign Exchange	Foreign Exchange
1. Cement Project ..	24.24	15.17	14.43
2. Ferro Chrome .. ..	..	25.30	24.24

YEAR PLAN

III

Rs. 5 Crores and above)

OUTLAY PROPOSED

1969-70		1970-71		1971-72		1972-73		1973-74	
Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange
8	9	10	11	12	13	14	15	16	17
1. 350.00	..	60.86	..	..	..	..	..	..	..
2. 7.95	..	..	..	..	..	..	..	..	..
3. 301.50	26.36	..	..	..	..	..	..	..	..
4. 200.00	..	600.00	200.00	600.00	200.00	400.00	200.00	200.00	..

	1972-73	1973-74
	Foreign Exchange	Foreign Exchange
1.	13.69	12.94
2.	23.19	22.13

In addition to above, the following amounts will be required towards foreign exchange which is expected to be met from Corporation's own resources and this is not be included in the Corporation's Plan Outlay.

FOURTH FIVE-YEAR PLAN

Statement—III

Annexure—III

(Important Projects Costing Rs. 5.00 Crores and above)

(Rs. in lakhs)

Serial Number	Head of Development	Total estimated cost	Total expenditure by		Fourth Plan Outlay		1969-70		1970-71		1971-72		1972-73		1973-74	
			The end of 3rd Plan	1968-69	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1.	VII-Water Supply and Sanitation.															
1.	Urban—Sewerage	549.00	60.27	68.00	481.00	..	100.00	..	100.00	..	100.00	..	100.00	..	81.00	..

DRAFT FOURTH FIVE-YEAR PLAN

Statement—III

(Important project costing Rs. 5 crores and above)

(Rs. In Lakhs)

Serial No.	Head of Development	Total Estimated cost	Total expenditure by		Fourth Plan outlay		Outlays proposed									
			The end of 3rd plan	1968-69	Total	Foreign exchange	1969-70		1970-71		1971-72		1972-73		1973-74	
							Total	Foreign	Total	Foreign	Total	Foreign	Total	Foreign	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	Demand No. 60 103— Capital outly New Capital.	..	1014.54	120.71	656.00	..	200	..	190	..	140	..	70	..	56	..

DRAFT FOURTH FIVE-YEAR 1969-74

Statement IV

Check-List in respect of Principal project costing Rs. 5 crore and above

1. Name of project with brief description and location. Hirakud Dam Project
Stage 1 Location—9 miles upstream of Sambalpur Town on River Mahanadi
2. Gestation period in years—Construction work completed in 1957
3. Cost estimates and outlays : (Rs. round lakhs)
 - (a) Total estimated cost
 - (i) Total 6782
 - (ii) Foreign exchange
 - (b) Outlay and expenditure—

Expenditure up to 1968-69		Outlay proposed 1969-74		1969-70 Approved		1970-71 proposed		Three year total 71-74		Balance after 1973-74 if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12
6555	..	277	Nil	20	..	50	..	157	Nil	Nil	..

4. Programmed of output—

Benefits

Item	Unit	Progress upto 1968-69	Target for Fourth Plan	Phasing		
				1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7
Potential	000	600.00	627.00	6,157.00	627.00	627.00
Utilisation	acres	572.00	577.00	572.00	577.00	577.00

5. Training of technical and managerial personnel :—Nil

6. Employment (Man-year) 1966-67 1967-68 1968-69 Fourth Plan
Year by year.

I. Additional requirements—

Skilled—

(a) Technical	}	Not assessed.
(b) Non-technical		

Unskilled—

II. Staff required on continuing basis 1968-69 end of Fourth Plan

Skilled—

(a) Technical	}	Not assessed.
(b) Non-technical		

Unskilled. *N. B.*—Indicate norms or other basis adopted in calculating these estimates. For Major and Medium Irrigation Project, Benefits in terms of gross potential created and gross utilisation should be indicated in respect of only those schemes which are included in the plan.

DRAFT FOURTH FIVE YEAR-PLAN (1969-74)

Statement IV

Scheme-List in respect of Principal projects costing Rs. 5 crore and above

1. Name of project with brief description and locations Mahanadi Delta Irrigation Project Location—Lat 20°-28' longt 85°-45' (Head work) at Mundali 7 mile upstream from Cuttack.

2. Gestation period in years 15 years

3. Cost estimates and outlays (Rs. round lakhs)

(a) Total estimated cost—

(i) Total 3434

(ii) Foreign Exchange

(b) Outlay and Expenditure

Expenditure up to 1968-69		Outlay Proposed 1969-74		1969-70 Approved		1970-71 Proposed		Three years Total (1971-74)		Balance after 1973-74 if any	
Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11	12

2,920 .. 514 .. 350 .. 164 Nil ..

4. Programme of output

Benefits

Item	Units	Progress up to 1968-69	Target for Fourth-Plan	Phasing		
				1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7

Potential 000 1,001.00 1,608.00 1,182.00 1,416.00 1,608.00
 Utilisation acres 849.00 1,608.00 1,088.00 1,360.00 1,603.00

5. Training of technical and managerial personnel

6. Employment (Man-year) 1966-67 1967-68 1968-69 Fourth Plan
Year by Year

(i) Additional requirements—

Skilled—

(a) Technical }
(b) Non-technical } Not assessed Project wise

Unskilled—

(ii) Staff required on continuing basis 1968-69 End of Fourth-Plan

Skilled—

(a) Technical }
(b) Non-technical } Not assessed Project wise

Unskilled— *N. B.*—Indicate norms or other basis adopted in calculating these estimates. “ For Major and Medium Irrigation Projects Benefits in terms of gross potential created and gross utilisation should be indicated in respect of on those schemes which are included in the plan.

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement IV

Check - List in respect of Principal projects costing Rs. 5 crore and above

1. Name of project with brief description and location—Salandi Irrigation Project Location—near village Hadgarh about 30 miles North-West of Bhadrak Town by road.
2. Gestation period in years 10 years
3. Cost estimates and outlays (Rs. round lakhs)

Total estimated cost—

(i) Total 1308

(ii) Foreign exchange

(B) Outlay and expenditure

Expenditure up to 1968-69		Outlay proposed 1969-74.		1969-70 Approved		1970-71 Proposed		Three years Total (71-74)		Balance after 73-74 if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12
1273		74		34		Nil		Nil		Nil	

4. Programme of output

Benefits

Item	Unit	Progress up to 68-69	Target for Fourth Plan	Phasing		
				1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7
Potential	000	50.00	153.00	130.00	153.00	153.00
Utilisation	acres	50.00	153.00	130.00	153.00	153.00

5. Training of technical and managerial personnel :

6. Employment (Man-year) 1966-67 1967-68 1968-69 Fourth Plan
year by year

I. Additional requirements

Skilled—

(a) Technical

(b) Non-technical

{

Not assessed projectwise

Unskilled

II. Staff required on continuing basis 1968-69 End of Fourth Plan

Skilled –

(A) Technical

(B) Non-technical

{

Not assessed projectwise

Unskilled. *N. B.*—Indicate norms or other basis adopted in calculating these estimates. “For Major and Medium Irrigation Projects, Benefits in terms of gross potential created and gross utilisation should be indicated in respect of only these schemes which are included in the plan.

DRAFT FOURTH FIVE YEAR PLAN (1969-74)

Statement IV

Check—List in respect of principal projects costing Rs. 5 crore and above

1. Name of project with brief description and location—Upper Indravati Stage I Irrigation in Ko aput and Kalahandi districts.

2. Gestation period in years—10 years

3. Cost estimates and outlays (Rs. round lakhs)

(a) Total estimated cost

(i) Total 2,419

(ii) Foreign exchange

(b) Outlay and expenditure

Expenditure up to 1968-69		Outlay proposed 1969-70		1969-70 Approved		1970-71 Proposed		Three years Total 1971-74		Balance after 1973-74 if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	8	10	9	11	12	
Nil		945	92.00	20.00		200.00	20.00	725	72	1474	

4. Programmed of output—

Item	Unit	Progress up to 1968-69	Benefits	Phasing		
			Target for 4th plan	1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7

5. Training of technical and managerial personnel

6. Employment (Man-year) 1966-67 1967-68

Forth plan
Year by year

I. Additional requirements**Skilled**

- | | | |
|-------------------|---|--------------|
| (a) Technical | } | Not assessed |
| (b) Non-technical | | |

Unskilled**II. Staff required on continuing basis 1968-69 End of Fourth Plan****Skilled**

- | | | |
|-------------------|---|--------------|
| (a) Technical | } | Not assessed |
| (b) Non-technical | | |

Unskilled *N. B.*—Indicate norms or other basis adopted in calculating these estimates. For Major and Medium Irrigation Projects, Benefits in terms of gross potential created and gross utilisation should be indicated in respect of only those schemes which are included in the plan.

DRAFT FOURTH FIVE YEAR PLAN (1969-74)

Statement IV

Check—List in respect of Principal projects costing Rs. 5 crore and above

1. Name of Project with brief description and location—Anandpur Barrage
Project Location—Lat. 21° 13' Long. 86° 08' 1 mile down stream of Anandapur Town in Keonjhar District.
2. Gestation period in years—10 years
3. Cost estimates and outlays (Rs. round lakhs)
 - (a) Total estimated cost
 - (i) Total 1,811
 - (ii) Foreign Exchange
 - (b) Outlay and expenditure

Expenditure up to 1968-69		Outlay Proposed 1969-74		1969-70 Approved		1970-71 Proposed		Three years Total (71-74)		Balance after 1973-74 if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12
24	..	700	65	30	10	120	..	550	55	1,111	

4. Programmed of output

Item	Unit	Progress up to 1968-69	Benifits	Phasing		
			Target for Fourth Plan	1969-70	1970-71	End of 73-74
1	2	3	4	5	6	7
Potential	000	..	150.00	..	..	150.00
Utilisation	acres		150.00			150.00

5. Training of technical and managerial personnel

6. Employment (Man-year) 1966-67	1967-68	1968-69	<u>Fourth Plan</u> year by year
----------------------------------	---------	---------	------------------------------------

I. Additional requirements

Skilled

(a) Technical	}	Not assessed
(b) Non-technical		

Unskilled

II-Staff required on continuing basis 1968-69 End of Fourth Plan

Skilled

(a) Technical	}	Not assessed
(b) Non-technical		

Unskilled. *N. B.*—Indicate norms or other basis adopted in calculating these estimates. “For Major and Medium Irrigation Projects, Benefits in terms of gross potential created and gross utilisation should be indicated in respect of only those schemes which are included in the plan.

DRAFT FOURTH FIVE-YEAR PLAN (1969--74)

Statement IV

Check list in respect of Principal Projects crossing Rs. 5 crores and above

1. Name of Project with briefly description allocation— Balimela Dam
 2. Gestation period in years 12 years
 3. Cost estimates and outlays (Rs. round lakhs).

(a) Total estimated cost—

(i) Total—1,672.62

(ii) Foreign exchange—Rs. 317.00 lakhs

(b) Outlay and expenditure Representing Orissa share 50% of total cost

Expenditure up to 1968-69		Outlay proposed 1969-74		Phasing of outlays				Three years Total (1971-74)		Balance after (1973-74) if any	
				Approved		1970-71 Proposed					
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchnge
1	2	3	4	5	6	7	8	9	10	11	12
836.36 lakhs		842.26 lakhs	26.26 lakhs	842.26 lakhs	26.20 lakhs	206.42 lakhs	5.42 lakhs	345.67 lakhs	12.72 lakhs	..	..

4. Programme of output/Benefits .. Nil

5. Training of technical and managerial personnel—

Programme not finalised

6. Employment (Unit: man years) (For the Joint dam as a whole)

(a) Construction phase—

Administrative	..	50	51	66	66	66
Electrical	..	63	85	222	222	222
Technical and Supervisory	..	56	82	204	204	204
Skilled, including	..	257	721	960	1,008	1,008
Semi-skilled	..	..	..	..	..	..
Unskilled	..	1,500	4,000	5,500	6,000	6,008

(ii) Non-Departmental—

Technical and Supervisory	..	10	30	40	40	40
Skilled, including semi-skilled	..	50	250	300	250	250
Unskilled	..	1,500	5,000	3,500	3,000	6,000

(b) Continuing phase—

Estimated Departmental Employment as in (i) above

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement-IV

Check list in respect of principal projects costing Rs. 5 crores & above

Name of Project with brief description
& location

Balimela Hydro Electric Scheme (360·00M. W.)
District Koraput.

2. Gestation period in years

1964—1974

3. Cost Estimates and outlay
(Rs. round lakhs)

Rs. 2792·00

(a) Total estimate cost

Foreign Exchange

(1) Total Rs. 2792·00

978·57

(b) Outlay & Expenditure

Expenditure upto 1968-69		Proposed 1969—74		1970-71 Proposed		Three years total 1971—74		Balance after 1973-74 if any	
Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.		
1	2	3	4	5	6	7	8	9	10
1021·97	319·18	1770·00	479·19	540·58	256·00	793·12	119·00	..	..

Programme of output		Benefits			Phasing	
Item	Unit	Progress upto 1968-69	Target for Fourth Plan	1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7

5. Training of Technical & Managerial Personnel

6. Employment (Man Years)
1966-67

1967-68

1968-69

Fourth Plan
Year by year
70-71

Additional requirements skilled

	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
(a) Technical	15	157	158	316	317	316	316	255
(b) Non Technical	5	10	40	75	75	75	75	86
(ii) Unskilled	15	300	711	711	711	711	711	450

Staff required on continuing basis. 1968-69 end of Fourth Plan

Skilled

(a) Technical

243

(b) Non Technical

86

Unskilled

192

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Annexure II

[Statement IV

Check-list in respect of Principal Projects costing Rs. 5 crores & above

1- Name of project with brief description and location.—Hirakud Dam Project Stage II continuing Scheme 16 mile down stream from Dam site Chiplima in Sambalpur district.

2. Gestation period in years

3. Cost estimates and outlays: (Rs. round lakhs) Rs. 1405.00 lakhs

(a) Total Estimated Cost. Rs. 1,495.00 lakhs

(i) Total Rs. 1,495.00 lakhs

(ii) Foreign Exchange

(b) Outlay and expenditure

Expenditure up to 1968-69		Outlay proposed 1969-74		Approved		1970-71 Proposed		Three years total (1971-74)		Blance after 1973-74 if any	
Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.
1	2	3	4	5	6	7	8	9	10	11	12
Rs. 1,411.57	..	Rs. 83.43	..	Rs. 83.43	..	Rs. 20.00	..	Rs. 43.43			

4. Programme of output/benefit

Item	Unit	Progress up to 1968-69	Target for Fourth Plan	1969-70	Phasing	
					1970-71	End of 1973-74
1	2	3	4	5	6	7

Power .. 000 M. W. 147 Projects already completed during 3rd Pran. Only some out-standing liabilities are to be cleared,

Unskilled—N. B.—Indicate norms or other basis adopted in calculating these estimates.

For Major and Medium Irrigation Project benefits in terms of gross potential created and gross utilisation should be indicated in respect of only those schemes which are included in the plan.

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Annexure II

Statement IV

Check list in respect of principal projects costing Rs. 5 crores and above

1. Name of Project with brief description and location .. Talcher Thermal Scheme located near Talcher, district Dhenkanal.
2. Gestation Period in years .. 9 years
3. Cost Estimated and outlay (Rs. round lakhs) .. 2,967.00
- (a) Total estimated— .. 1,772.92
- (i) Cost—2,967.00 .. (ii) Foreign Exchange—
1. Total—2,967.00
- (b) Outlay and expenditure

Expenditure up to 1968-69		Proposed 1969—74		Approved		Proposed 1970-71		Three years total 1971-72		Balance after 1973-74 if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
	2	3	4	5	6	7	8	9	10	11	12
2,723.06	1,572.92	243.95	200.00	243.95	..	200.00	..	..	..	..	..

4. Programme of output/benefits

Phasing

Item	Unit	Progress up to 1968-69	to	Target for Fourth Plan	1969-70	1970-71	End of 1973-74
1	2	4		5	6	7	8
1	..	3 × 62.5mw.		4 units	515 millions K.W.H.	800 millions K.W.H.	..

5. Training of Technical and managerial personnel

6. Employment (Man-years')

	1966-67	1967-68	1968-69	1969-70	Fourth Plan
Skilled—	.. 115	217	217	217	..
(a) Technical	.. ..	..	..	..	..
(b) Non-technical	.. ..	..	..	(—)100	..
Unskilled	.. ..	..	..	..	..
Staff required on continuing basis of Fourth Plan—					
Skilled					1
Technical	..	130		345	
Non-Technical	..	285		285	
Unskilled	..	705		605	

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Annexure II

Statement IV

Check list in respect of principal projects costing Rs. 5 crores and above

Name of the Project with brief description and location—Transmission and Distribution Scheme
Gestation period in years

Cost estimates and outlays (Rs. round lakhs)—

(a) Total estimated cost 1,854.00

(i) Total

(ii) Foreign Exchange 75

(b) Outlay and expenditure

Expenditure up to 1968-69		Outlay proposed 1969—74		Approved		Proposed 1970-71		Three years total 1971—74		Balance after 1973-74 if any	
Total	Foreign exchange	Total	eForeign xchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12
..	..	950.00	42.00	950.00	42.00	180.00	8.00	620.00	180.00	904.0	33.00

Programme of output benefits

Phasings..

Item	Unit	Progress up to 1968-69	Target for 4th Plan	1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7
220 KV. lines ..	Miles	1218	993	150	200	643
132 KV. lines						
16 KV. lines ..						
33 KV. lines ..						
1 KV. lines ..						

6—Employment (Man powers)	1966-67	1967-68	1968-69	Fourth Plan Year by year
I. Additional requirements—Skilled—				
(a) Technical ..	52	143	98	380
(b) Non-Technical ..	35	92	33	220
Unskilled ..	140	380	289	1100
II. Staff required on continuing basis 1968-69 - End of 4th Plan				
Skilled---				
(a) Technical				
(b) Non-Technical				

DRAFT FOURTH FIVE-YEAR PLAN (1969--74)

Statement IV

Check list in respect of principal Projects costing Rs. 5 crores and above

1. Name of the project with brief description and location-Balimela Transmission Scheme.
2. Gestation period in years
3. Cost estimates and outlays (Rupees round lakhs)

(a) Total estimated cost 1,420.00 lakhs. (i) Total (ii) Foreign Exchange 95.00 lakhs.
Outlays and expenditure—

Expenditure up to 1968-69		Outlay proposed 1969-74		Approved		Proposed 1970-71		Three years Total 1971-74		Balance after 1973-74, if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12
583.07	50.00	837.00	45.00	837.00	45.00	200.00	10.00	487.00	16.00	..	.

DRAFT FOURTH FIVE-YEAR PLAN

Statement IV

Annexure II

Check list in respect of principal projects costing Rs. 5 crores and above

1. Name of Project with briefly description and location .. Upper—Indravati Hydro electric Project in Kalahandi district
2. Gestation period in years
3. Cost estimates and outlays (Rs. round lakhs)

(a) Total estimated cost—

(i) Total Rs. 7,478·00 (ii) Foreign exchange

(b) Outlay and expenditure

Expenditure up to 1968-69		Outlay proposed 1969—74		Phasing of outlays				Three years Total (1971—74)		Balance after 1973-74, if any	
				Approved		1970-71 proposed					
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12
..	..	200·00 lakhs.	..	200·00 lakhs.	..	..	..	200·00 lakhs.	..	7,278·00 lakhs.	..

- 4. Programme of output/benefits Nil
- 5. Training of technical and managerial personnel

.. } This is a new generation Scheme proposed to be taken up
 .. } during Fourth Plan and a small provision has been made
 } in Fourth Plan to take up some preliminary works.

Programme not finalised

6. Employment (Unit : man years)

(a) Construction phase--

Administrative

Electrical

Technical and Supervisory

Skilled, including semi-skilled

Unskilled

(ii) Non-Departmental--

Technical and Supervisory

Skilled, including semi-skilled

Unskilled

(b) Continuing phase--

Estimated Departmental

Employment as in (i) above

Check list in respect of principal projects costing Rs. 5 crore and above

1. Name of the Project with brief description and location—Rural Electrification Scheme

2. Gestation period in years

3. Cost estimates and outlays (Rs. round lakhs)

(a) Total estimated cost 1,200·00 lakhs

(i) Total

(ii) Foreign exchange Nil

Expenditure up to 1968-69	Outlays proposed 1969-74		Appd.		1970-71 proposed		Three years Total 71-74			Balance after 1973-74 if any	
	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.
1	2	3	4	5	6	7	8	9	10	11	12
270·69	..	1,200·00	..	1,200·00	..	200·00	..	850·00	..	..	..

Programme of output/benefit

Items	Unit	Progress up to 1968-69 (expected)	Phasing			
			Target for 4th plan	1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7
Villages Electrified ..	Nos.	819	1,500	200	300	1,000
L. I. Points energised ..	Nos.	321	2,000 pumpsets	250	400	1,350

Employment	Men years	1966-67	1967-68	1968-69	4th plan year by year 1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9	10

(i) Additional requirements Skilled

(a) Technical	62	154	104	200	200	250	250	180
(b) Non-technical	42	100	43	200	250	300	300	200
(ii) Unskilled	168	420	205	300	300	350	350	250

Staff required on continuing basis 1968-69 end of 4th plan
Skilled

- (a) Technical
- (b) Non-technical

Statement IV

Check list in respect of principal projects costing Rs, 5 crores & above

1. Name of project with brief description and location: Upper Kolab Hydroelectric Project in Koraput District
2. Cestation period in years
3. Cost estimates and outlays (Rs. round lakhs)
 - (a) Total estimated cost
 - (i) Total Rs. 2,277.60
 - (ii) Foreign exchange
 - (b) Outlay and expenditure

Expenditure upto 1968-69		Outlay proposed 1969-74		Phasing of outlays 1970-71							
				Approved		Proposed		Three years Total (1971-74)		Balance after 1973-74 if any	
Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.
1	2	3	4	5	6	7	8	9	10	11	12
		400.00		400.00				400.00		1,877.60	

(4) Programme of output Benefits

Nil

(5) Training of technical and managerial personnel
Programme not finalised

This is a new generation scheme proposed to be taken up during 4th plan and a small provision has been made to take up some preliminary works.

6. Employment (Unit: man years)

(a) Construction phase

~~Administrative~~

Electrical

~~Technical and Supervisory~~

Skilled including

Semi-skilled

~~Unskilled~~

(ii) Non-Departmental

Technical and Supervisory

Skilled, including

Semi-skilled

Un-skilled

(b) Continuing phase

Estimated Departmental

Employment as in (A) above

DRAFT FOURTH FIVE-YEAR PLAN (1969—74)

Statement IV

Check-list in respect of Principal Projects costing Rs. 5 crores and above

1. Name of Project with brief description and location— Talcher Transmission Scheme envisaging lying of lines to Joda and Jajpur from Talcher Power Station with 3 Sub-stations at Chainpal, Joda and Jajpur Road.
2. Gestation period in years .. Nine years
3. Cost estimates and outlays (Rs. round lakhs) .. 513·00
- (a) Total estimated cost 513·00 .. Foreign exchange 184·85
- (1) Total—513·00
- (b) Outlay and expenditure

Expenditure upto 1968-69		Proposed 1969—74		Proposed 1970-71		Three years total 1971—74		Balance after 1973-74, if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10
467·48	154·85	46·00	30·00	..	..	..	..	..	..

4. Programme of output benefits

Item	Unit	Progress upto 1968-69	Target for Fourth Plan	1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7

..

5. Training of Technical and Managerial personnel

6. Employment (mane year) .. 1966-67 | 1967-68 | 1968-99 | Fourth Plan year by year

1. Additional requirement .. 1966-67 1967-68 1968-69 1969-70 1970-71 1971-72 1972-73 1973-74

SKILLED

(a) Technical	..	..	..	..	..	..	..	..	..
(b) Non-technical	..	..	..	..	..	..	..	..	..

UN-SKILLED

(ii) Staff required on continuing basis .. 1968-69 end of Fourth Plan

SKILLED

(a) Technical	..	31
(b) Non-technical	..	89

UN-SKILLED 900

DRAFT FOURTH FIVE YEAR PLAN (1969-74)

Statement IV

Annexure II

Check list in respect of principal projects consting Rs. 5 Crores and above

1. Name of Project with brief description and location .. Cement Project. P. O. Bardol, district Sambalpur. To produce 3,96,000 tonnes of Portland cement per annum.

2. Gastation period in years .. Four years

3. Cost estimates and outlays

(a) Total estimated Cost:

(i) Total	.. Rs. 739.41 lakhs	(ii) Foreign exchange	.. Rs. 104.70 lakhs
Effect of devaluation	Rs. 45.66 lakhs	Effect of devaluation	.. Rs. 45.66 lakhs

Rs. 785.07 lakhs ..

Rs. 150.36 lakhs

Expenditure 1968-69		Outlay proposed 1969-74		Approved		Proposed 1970-71		3 Years total 1971-74		Balance after if any 1973-74	
Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.
1	2	3	4	5	6	7	8	9	10	11	12
617.54	77.84	7.95		7.95							

4. Programme of output/benefits

Item	Unit	Progress up to 1968-69	Target for fourth Plan	Phasing		
				1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7
Portland Cement	8,96,000 tonnes per year.	The Project has gone in to production from 3-3-1968.	3,96,00 tonnes per year.	3,83,000 tonnes.	3,96,000 tonnes.	3,96,000 tonnes

5. Training of Technical and Managerial personnel

Trained personnel were locally available and hence no training in advance was necessary.

6. Employment (Man Years)

1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
268	462	729	867	867	867	867	867

I. Additional requirements

Skilled

(a) Technical 6
(b) Non-technical 31

101

II. Staff required on continuing basis

Un-skilled

1968-69

End of Fourth Plan

(a) Technical

60

66

(b) Non-technical

143

174

Unskilled

526

627

In addition to above, the following amounts will be required towards foreign exchange which is expected to be met from Corporation's own resources and this is not be included in the Corporation's Fourth Plan Outlay:—

1969-70	1970-71	1971-72	1972-73	1973-74
Foreign exchange	Foreign exchange	Foreign exchange	Foreign exchange	Foreign exchange
24.24	15.17	14.43	13.69	12.94

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement IV

Check list in respect of Principal Projects costing Rs. 5 Crores and above

1. Name of Project with brief description and location. Expansion of Kalinga Iron Works at Barbil District Keonjhar, Orissa, the capacity of the Project after expansion will be :—
- (1) Foundary grades Pigion .. 1,00,000 tonnes per year (existing 30,000 tonnes).
- (2) Cost Iron Spun Pipe .. 36,000 tonnes per year
- (3) Cast Iron Specials and casting .. 5,000 tonnes per year
- (4) Generation of power .. 12,000 tonnes per year
2. Cestation period in year .. (6) years
3. Cost estimates and outlays—
- (a) Total estimated cost
- (i) Total Rs. 1024.15 lakhs .. (ii) Foreign exchange Rs. 254.48 lakhs
- (b) Outlay and expenditure:

Rupees in lakhs

Expenditure up to 1968-69		Outlay proposed 1969-74		Approved		Proposed 1970-71		3 years total 1971-74		Balance after 1973-74, if any	
Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange	Total	Foreign Exchange
1	2	3	4	5	6	7	8	9	10	11	12
613.29	254.48	410.86	..	410.86	..	60.86	..	..	..	..	..

4. Programme of output/benefits

Item	Unit	Progress up to 1968-69	Target for fourth Plan	Phasing		
				1969-70	1970-71	Endor 1973-74
1	2	3	4	5	6	7

Pig Iron ..	1,00,000 tonnes per year.	Nil	1,00,000	75,000	1,00,000 tonnes	1,00,000 tonnes
Spun Pipe ..	36,000 tonnes per year.		36,000 per year	..	29,000 tonnes	38,000 tonnes
Specials ..	500 tonnes per year.		500 tonnes per year	..	375 tonnes	300 tonnes
Power ..	12 M. W.		12 M. W.	8 M. W.	12 M. W.	12 M. W.

5. Training of technical and Managerial personnel .. The existing technical and supervisory staff have acquired sufficient knowledge in production of Pig Iron in the existing Low Shaft Furnace First recruits for the expansion will be given training under the supervision of the existing staff and some may be sent to other Steel Plant also.

6. Employment (Man years):

1966-67 998	1967-68 998	1968-69 1005	1969-70 1005	1970-71 1005	1971-72 1005	1972-73 1005	1973-74 1005
----------------	----------------	-----------------	-----------------	-----------------	-----------------	-----------------	-----------------

I. Additional Requirements—

Skilled ..	(a) Technical ..	Nil
	(b) Nontechnical ..	Nil
Unskilled ..		Nil

II. Staff required on continuing basis—

	1968-69	End of Fourth plan
Skilled (a) Technical ..	262	262
(b) Non-technical ..	354	354
Unskilled ..	389	389

DRAFT FOURTH FIVE YEAR PLAN (1969-74)

Statement IV

Check list in respect of Principal Projects costing Rs. 5 crores and above

1. Name of Project with brief description and location:— Talcher Industrial Complex, South Balanda, P.O. Talcher, Orissa
 To produce (i) Pig. Iron .. 1,68,300 tonnes
 (ii) Urea .. 1,38,600 tonnes per year
2. Gestation period .. 40 months i. e. from the date of order of commissioning the plant
3. Cost estimated and outlays .. Rs. round lakhs
 (a) Total estimated cost .. (i) Total Rs. 4,686'00 (ii) Foreign exchange Rs. 1,562'00
 (b) Outlay and expenditure

Expenditure up to 1968-69		Outlay proposed 1969-74		Approved		1970-71 Proposed		3 years total 1971-74		Balance after 1973-74 if any	
Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.	Total	F. E.
1	2	3	4	5	6	7	8	9	10	11	12
20'00	..	2,000'00	600'00	200'00	..	600'00	200'00	1,200'00	400'00	2,686'00	9,600'00

4. Programme of output/benefits

Item	Unit	Progress up to 1968-69	Target for fourth plan	Phasing		
				1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7

Pig. Iron .. Tonne .. Survey of track lay out completed survey of water supply in progress. 84,000 tonnes of Pig. Iron.

Urea .. Tonne .. Processing the Project is in progress. 75,000 tonnes of Urea.

5. Training of technical and managerial personnel .. 21 trained graduate engineers and some work charged employees were appointed They have been retrenched and have been deputed to the F. C. I. (India) Ltd. Ferrochrome Project and Kalinga Iron Works Ltd.

6. Employment (Man years)
1966-67 1967-68

1968-69
21+3 Retrenched

Fourth Plan year by year

I. Additional requirements skilled—

(a) Technical .. 1,660

(b) Nontechnical .. 340

Unskilled .. 1,000

II. Staff required on continuing basis 1968-69 end of Fourth Plan

This will be known after the Plant is Commissioned

DRAFT FOURTH FIVE-YEAR PLAN (1969-74)

Statement IV

Check list in respect of Principal Projects consting Rs. 5 crores and above

1. Name of Project with brief description and location .. Ferro-Chrome Project, Jajpur Road, district Cuttack.
To manufacture 10,000 tonnes of Low Carbon Ferro-Chromium per year.
2. Gestation period .. Four years
3. Cost estimates and outlays—
- (a) Total estimated cost—
- (i) Total Rs. 658.47 lakhs (ii) Foreign exchange Rs. 265.79 lakhs
- (b) Outlay and expenditure—

Rs. in lakhs

Expenditure upto 1968-69		Outlay proposed 1969-74		Approved		Proposed 1970-71		3 years total 1971-74		Balance after 1973-74, if any	
Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange	Total	Foreign exchange
1	2	3	4	5	6	7	8	9	10	11	12
249.43	105.42	301.50	26.36	..	..	..	..	..	..	..	..

4. Programme of output/benefits—

Item	Unit	Progress upto 1968-69	Target for fourth plan	Phasing		
				1969-70	1970-71	End of 1973-74
1	2	3	4	5	6	7
Low Carbon Ferro Chrome.	10,000 tonnes per year.	Construction started.	10,000 tonnes per year of low car- bon ferro-chro- mium.	8,000 M. T.	10,000 M. T.	10,000 M. T.

5. Training of Technical and Managerial personnel .. One foreign expert in manufacture of Ferro-Chrome will be in service. Three Engineers have sent abroad for 3 months to acquire practical training. The rest of the Supervisory and technical personnel will be trained in India.

6. Employment (Man years)—

1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
..	..	106	337	337	337	337	337

I. Additional requirements—

Skilled	..	(a) Technical	..	24
		(b) Nontechnical	..	135
Unskilled	..		..	72

II. Staff required on continuing basis—

	1968-69	End of Fourth Plan
Skilled	..	
	(a) Technical	.. 16
	(b) Nontechnical	.. 73
Unskilled	..	.. 17
		.. 89

In addition to above, the following amounts will be required towards foreign exchange which is expected to be met from Corporations own resources as this is not be included in the Corporation's Fourth Plan outlay:—

1969-70	1970-71	1971-72	1972-73	1973-74
Foreign exchange	Foreign exchange	Foreign exchange	Foreign exchange	Foreign exchange
..	25.30	24.24	14.19	22.13

DRAFT FOURTH
Statement
Physical Programme
(Area in 000' acres)

Crops (Kharif)	1957-58 Preliminary		
	Total	Irrigated	Production
1	2	3	4
Rice (Autumn and winter) ..	10354.2	1603.0	3423.0
Other Cereals ..	624.2	..	188.0
All Kharif Cereals ..	10978.4	1608.0	3610.0
Kharif pulses ..	1064.5	..	100.0
Total Kharif Food grains ..	12042.9	1608.0	3710.0
Commercial Crops (Oilseeds and Fibres).	493.3	96.2	..
Vegetables ..	336.0	..	..
Other Miscellaneous crops ..	1808.4	..	..
Total Kharif cropped area ..	14680.6	1704.2	

FIVE YEAR PLAN

Annexure II

V

1968-69 anticipated			1969-70 Target		
Total	Irrigated	Production	Total	Irrigated	Production
5	6	7	8	9	10
10336.7	1835.0	4132.0	9900.0	2072.9	4450.0
1110.0	..	35.00	1300.0	..	400.0
11446.7	1835.0	4482.0	11200.0	2072.9	4850.0
1315.5	..	110.0	1600.0	..	160.0
1276.2.2	1835.0	4592.0	12800.0	2072.9	5010.0
615.2	100.0	..	750.0	100.0	..
378.9	..	..	450.0	..	..
1008.4	..	..	800.0	..	..
14764.7	1935.0	..	14800.0	2172.9	..

Crops (Kharif)	1970-71 (Target)			1971-72	
	Total	Irrigated	Production	Total	Irrigated
1	11	12	13	14	15
Rice (Autumn and Winter.)	9,850·0	2,299·0	4,490·0	9,600·0	2,459·1
Other cereals ..	1,550·0	..	475·0	1,800·0	..
All Kharif cereals ..	11,400·0	2,299·0	4,965·0	11,400·0	1,459·1
Kharif pulses ..	1,900·0	..	190·0	2,000·0	..
Total Kharif Food grains.	13,300·0	2,299·0	5,155·0	13,400·0	2,459·1
Commercial Crops (Oilseeds and Fibres.)	850·0	100·0	..	900·0	120·0
Vegetables ..	550·0	..	..	575·0	..
Other Miscellaneous crops.	500·0	..	..	300·0	..
Total Kharif cropped area.	15,200·0	2,399·0	..	15,175·0	2,579·1

1972-73			1973-74			
Production	Total	Irrigated	Production	Total	Irrigated	Production
16	17	18	19	20	21	22
4,530·0	9,400·0	2,537·5	4,720·7	9,000·0	2,619·6	4,930·0
600·0	2,100·0	..	700·0	2,500·0	..	760·0
5,130·0	11,500·0	2,537·5	5,420·7	11,500·0	2,619·6	5,690·0
200·0	2,050·0	..	205·0	2,100·0	..	210·0
5,330·0	13,550·0	2,537·5	5,625·7	13,600·0	2,619·6	5,900·0
..	950·0	140·0	..	1,000·0	160·0	..
..	590·0	..	..	600·0	..	..
..	210·0	..	..	150·0	..	..
..	15,300·0	2,677·5	..	15,350·0	2,779·6	..

FOURTA FIVE-

Annexure

Statement

Physical Programme (Area under Bari Crops)

Rabi crops	1967-68 Preliminary estimates		
	Total	Irraigted	Production
1	2	3	4
1. Summer rice ..	298·2	298·2	275·0
2. Wheat ..	33·0	29·0	4·0
3. Other cereals ..	43·0	20·0	24·0
4. All rabi cereals ..	379·2	347·2	303·0
5. Pulses ..	2,034·5	27·5	218·0
Total food grains (Rabi) ..	2,413·7	374·7	521·0
6. Commercial crop (Rabi) ..	506·1	100·0	..
7. Tobacco ..	30·0	30·0	..
8. Fruits ..	236·2	15·0	..
9. Vegetables ..	300·0	127·0	..
10. Other Miscellaneous ..	481·0	..	..
Total cropped area (Rabi) ..	3,987·0	646·7	..

YEAR PLAN

II

V

(Area in thousand acres)

1968-69 Anticipated		1969-70 Target			Production
Total	Irrigated	Production	Total	Irrigated	
5	6	7	8	9	10
369.3	309.3	370.0	412.3	412.3	506.2
152.4	35.0	26.0	155.0	35.0	27.0
164.3	20.0	90.0	165.0	20.0	91.0
686.0	424.8	486.0	732.3	467.3	624.2
352.6	27.5	220.0	3,050.0	28.1	350.0
3,328.6	451.8	706.0	3,782.3	495.4	974.2
924.7	100.0	..	1,000.0	150.0	..
32.4	32.2	..	53.0	53.0	..
274.2	15.0	..	270.0	45.0	..
146.3	127.0	..	250.0	160.0	..
60.9	..	..	60.0	..	..
4,767.1	726.2	..	5,415.3	903.4	..

Rabi Crops	1970-71 (Target)			1970-72 (Tar-	
	Total	Irrigated	Production	Total	Irrigated
1	11	12	13	14	15
1. Summer Rice ..	456.9	456.9	523.0	480.0	480.0
2. Wheat ..	160.0	50.0	28.0	165.0	53.0
3. Other cereals ..	165.0	67.0	91.5	166.0	70.0
4. All Rabi Cereals ..	781.9	573.9	589.5	811.0	608.0
5. Pulses ..	3,500.0	60.0	410.0	3,600.0	63.0
<hr/>					
Total Food Grains (Rabi) ..	4,281.9	633.9	999.5	4,411.0	668.0
<hr/>					
6. Commercial Crop (Rabi) ..	1,180.0	170.0	..	1,285.0	213.0
7. Tobacco ..	53.0	53.0	..	53.0	53.0
8. Fruits ..	280.0	45.0	..	290.0	45.0
9. Vegetables ..	380.0	180.2	..	300.0	200.0
10. Other Miscellaneous ..	60.0	..	..	60.0	..
<hr/>					
Total Crop Area (Rabi)	6,154.9	1,082.1	..	6,399.0	1,177.0

get)	1972-73 (Target)			1973-74 (Target)		
	Production	Total	Irrigated	Production	Total	Irrigated	Production
16	17	18	19	20	21	22
547.8	480.0	480.0	602.4	480.0	480.0	640.6
29.0	170.0	56.0	30.0	175.0	60.0	31.0
92.0	168.0	75.0	93.0	170.0	80.0	96.0
668.3	818.0	611.0	725.4	825.0	620.0	767.6
432.0	3,800.0	66.0	456.0	4,000.0	70.0	460.0
1,100.3	4,618.0	677.0	1,181.4	4,825.0	690.0	1,227.6
..	1,300.0	240.0	..	1,400.0	270.0	..
..	53.0	53.0	..	53.0	53.0	..
..	300.0	45.0	..	310.0	45.0	..
..	390.0	227.3	..	400.0	233.9	..
..	60.0	..	..	60.0	..	..
..	6,721.0	1,242.3	..	7,048.0	1,291.9	..

DRAFT FOURTH

Statement

Physical

(Area under

Crops (Kharif)	1967-68 Preliminary estimates			1968-69 anticipated			1969-70 (Target)		
	Total	Irrigated	Production in thousand tons	Total	Irrigated	Production	Total	Irrigated	Production
1	2	3	4	5	6	7	8	9	10
Oilseeds ..	849.0	75.0	190.0	930.0	85.0	200.0	983.0	95.0	222.0
Sugarcane ..	90.0	85.0	180.0	100.0	50.0	200.0	106.0	96.0	218.0
Jute and Mesta Production in Thousand bales.	146.0	96.2	355.0	148.0	100.0	350.0	150.0	100.0	355.0

FIVE-YEAR PLAN

Annexure-II

V

programme

Kharif crops)

(Area in thousand acres)

1970-71 Target			1971-72 Target			1972-73 Target			1973-74 Target		
Total	Irrigated	Production	Total	Irrigated	Production	Total	Irrigated	Production	Total	Irrigated	Production
11	12	13	14	15	16	17	18	19	20	21	22
1030.0	110.0	242.0	1080.0	125.0	264.0	113.0	145.0	286.0	21198.0	170.0	310.0
112.0	100.0	237.0	118.0	105.0	257.0	124.0	110.0	278.0	130.0	115.0	299.0
160.0	100.0	390.0	170.0	120.0	450.0	190.0	140.0	520.0	200.0	190.0	577.0

DRAFT FOURTH FIVE-YEAR PLAN

Annexure II

Statement V

Physical Programmes

Area under high yielding varieties

Crop	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	Remarks
1	2	3	4	5	6	7	8	9
Wheat ..	0.09	0.14	0.15	0.20	0.30	0.40	0.60	
Paddy ..	2.14	4.65	6.70	7.20	8.00	12.00	15.00	
Jowar ..	0.02	3.05	0.06	0.075	0.09	0.125	0.15	
Bajra ..	..	..	..	..	..	..	..
Maize ..	0.11	0.22	0.40	0.45	0.50	0.70	1.00	
Oilseeds ..	..	..	..	..	..	..	..
Cotton ..	..	..	..	..	..	..	..
Jute ..	..	..	..	..	..	..	..
Total ..	2.36	5.06	7.31	7.925	8.89	13.225	16.75	

DRAFT FOURTH FIVE-YEAR PLAN

Annexure II

Statement V

Physical Programmes

Area under Improved Varieties

(Area in 000' acres)

Crop	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	Remarks
1	2	3	4	5	6	7	8	9
High yielding varieties	236.0	506.0	731.0	792.5	889.0	1,322.5	1,675.0	
Other improved varieties.	5,020.0	5,200.0	8,100.0	8,740.0	9,395.0	10,005.0	10,700.0	
Total ..	5,256.0	5,706.0	8,831.0	9,532.5	1,0284.0	11,327.5	12,375.0	

DRAFT FOURTH FIVE-YEAR PLAN

Statement V

Physical programme. High Yielding Varieties for Seed Distribution

Name of the Crop	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8
High Yielding Variety Programme							
(i) Requirement of Certified Seed (Tons).	..	1200	3557	3,921	4420	6574	8255
(ii) Area to be put under certified seed production (acres).	..	700	1980	2279	2639	3871	4966
(iii) Requirement of foundation seeds (in tons).	38.50	7.750	42.15	47.91	57.46	83.35	108.88
(iv) Area to be put under foundation seed production.	31.50	73.50	34.75	42.14	53.776	75.604	104.46

DRAFT FOURTH FIVE-YEAR PLAN PHYSICAL PROGRAMMES

Statement V

Improved varieties seed distributed

Crop	1967-68	1968-69	1969 70	1970-71	1971-72	1972-73	1973-74	Remarks
1	2	3	4	5	6	7	8	9
Improved Varieties								
(i) Requirement of certified seeds.	7,409	9,080	10,774	12,377	14,626	
(ii) Area to be put under certified seed production.	8,736	10,876	13,029	15,010	17,450	
(iii) Requirement of foundation seeds 000' tons.	109.00	138.05	164.18	193.10	213.59	
(vi) Area to be put under foundation seed 000' acres.	163.42	213.00	263.87	308.16	372.10	

DRAFT FOURTH FIVE-YEAR PLAN

Annexure II

Statement V

Physical Programme
Fertilizer Distribute

000' tons

Item	1967-68	1968-69	969-70	1970-71	1971-72	1972-73	1973-74	Remarks
1	2	3	4	5	6	7	8	9
Nitrogenous ..	65.0	120.0	200.0	300.0	425.0	550.0	700.0	
Phosphatic ..	27.0	60.0	80.0	120.0	200.0	300.0	400.0	
Potassic ..	3.0	10.0	12.0	15.0	18.0	20.0	25.0	
Area under green manuring (000' acrs).	1,413.0	2,500.0	4,00.0	4,500.0	5,000.0	5,500.0	6000.0	
Production of rural compost (000' tons).	5,464.0	6 000.0	7,932.0	9,524.0	1,116.0	2,708.0	13,900.0	
Production of urban compost 000' ton).	38.2	45.0	68.0	76.0	84.0	92.0	1.0.0	

DRAFT FOURTH FIVE-YEAR PLAN

Annexure II

Statement V

Physical Programme

Area covered by Plant Protection

Crops	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	Remarks
1	2	3	4	5	6	7	8	7
(i) Food crop ..	54.1	1,000.0	1,625.0	3,475.0	5,300.0	7,200.0	90,00.0	
(ii) Commercial crops		100.0	150.0	195.0	250.0	285.0	320.0	
(iii) Horticulture ..	..	200.0	225.0	330.0	450.0	515.0	680.0	
Total ..	54.1	1,300.0	2,000.0	4,000.0	6,000.0	8,000.0	1,000.0	

DRAFT FOURTH FIVE-YEAR PLAN

Annexure II

Statement V

Physical Programms

Soil Conservation on Agricultural Land

000' acres

Item	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	Remarks
1	2	3	4	5	6	7		9
Soil Conservation in catchment areas of river valley project.	11.50	11.50	12.00	12.00	12.50	12.50	12.50	
Soil Conservation Agricultural Land.	25.00	28.00	30.00	30.00	30.50	30.50	30.50	

FOURTH FIVE-YEARS PLAN

Statement V

Physical Programmes

Serial No.	Items	Units	1967-68 (Preliminary estimate)	1968-69 (Anticipate).	Fourth Five-Years Plan Target				
					1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9	10
1. (i)	Production of Urban compost.	000'tons	38.2	45.0	68.0	76.0	84.0	92.0	100.0
(ii)	Area Under Multiple Cropping.	000'acres	3987.0	4767.1	5415.3	6154.9	6399.0	6721.0	7048.0
(iii)	Land Reclamation	acres	..	..	1000	2000	2000	3000	4000

DRAFT FOURTH FIVE-YEAR PLAN PHYSICAL PROGRAMME

Statement V

Physical target for Fourth Five-year Plan under H. V. P. Crops

(In Lakh acres)

Year	Hy Paddy		Hy Maize			Hy Jowar			M. Wheat		Total H. V. P. areas
	Kharif	Rabi	Total	Kharif	Rabi	Tot 1	Khari f	Rabi	Total	Rabi	
1	2	3	4	5	6	7	8	9	10	11	12
1969-70	400	270	6.70	0.33	0.10	0.43	0.05	0.01	0.06	0.15	739
1970-71	420	300	7.20	0.33	0.12	0.45	0.06	0.15	0.75	0.20	802.5
1971-72	480	320	300	0.35	0.15	0.50	0.07	0.02	0.09	0.30	899
1972-73	800	400	12.00	0.50	0.20	0.70	0.10	0.25	0.25	0.40	1332.5
1973-74	100	400	15.00	0.75	0.25	1.00	0.12	0.03	0.15	3.60	1676

Statement V

Physical Programmes

Item	Unit	Est mated level of achivement							Total for Fourth Plan
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	19 3-74	
1	2	3	4	5	6	7	8	9	10
Minor Irrigation (Flow)									
IV. Irrigated area (By canals).	000' acres	34.70	12.00	50.00	50.00	62.50	62.50	50.00	275.00

ANNEXURE II
DRAFT FOURTH FIVE-YEAR PLAN
Statement V

Item No.	Unit	Estimated level of Achivement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9

Irrigated area—

By direct pumping from river and streams (300 Nos.)	1000 acres	34.00	43.00	52.50	62.50	71.50	79.00	88.00
By Government Tubewells (200 Nos.)	Do.			2.50	5.00	5.00	9.50	12.50
By private Tubewells/ pump sets (800 Nos.)	Do.			8.00	20.00	40.00	70.00	100.00
By Masonry Wells (Dug Wells Departmental (500 Nos.)	Do.			0.50	1.00	1.50	2.00	2.50

ESTIMATED LEVEL OF ACHIEVEMENT

(APPENDIX- C)

Statement V

Item	Units	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
Soil Conservation Agriculture land.	acres 000	25.00	26.0	27.0	29.5	30.0	30.0	30.0
Soil Conservation in Catchment of River Valley Projects.	..	11.50	11.50	12.00	12.00	12.50	12.50	12.50

ANNEXURE II

Statement V.

Item	Estimated level of Achievement							
	Unit	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
ANIMAL HUSBANDRY								
Veterinary Hospitals/Dispensaries.	No	14	..	10	10	10	10	10
A. I. Centres ..	No	16	..	..	..	16	16	..
Stockman Centres ..	No	38	.	20	20	20	20	20
Area under Fodder Crops	Acres	605	610	675	700	1170	1730	1790
Keyvillage Blocks ..	No	.	..	One Block with 10 units	One Block with 10 units	One Block with 10 units	One Block with 10 units	One Block with 10 units
Cattle Breeding farms ..	No	..	..	..	13	1	..	1
Sheep Breeding Farms ..	No	..	..	..	..	..	..	..
Sheep and Wool Extension Centres.	No	..	..	..	..	..	..	..
Wool Grading and Marketing Centres.	No	..	..	..	..	..	..	..

PRODUCTION OF ANIMAL
PRODUCTS

(a) Milk/Milk products	Lakh litres	15.00	18.00	30.00	46.20	56.90	63.30	82.70
(b) Wool	..	..	..	..	..	..	..	..
No. of Government Poultry Farm.	No.	..	..	..	..	..	..	..
No. of Poultry Co-operatives.	No.	..	..	2	4	4	4	6
No. of Poultry Farmers trained.	No.	..	..	..	..	..	..	..
(i) Short term course	..	860	860	1102	1300	1500	1700	1800
(ii) Long term course	..	..	..	..	..	..	..	..
Intensive Egg. and Poultry production-cum-Marketing Centre.	No.	2	2	2	1 new 2 Continuing	3 Continuing	3 Continuing	3 Continuing

ANNEXURE II
DRAFT FOURTH FIVE-YEAR PLAN

Physical Programme

Statement V

Item	Unit (Factors)	Estimated Level of Achievement							
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	
1	2	3	4	5	6	7	8	9	
A. Agriculture and Forestry									
AREA UNDER FORESTS									
(i) Area under Working Plans ..		The total area under working plans is 20,443 sq. Kms.							
(ii) Area under quick growing species/Economic Plantation.									
Quick Growing Species	3,663	3,800	2,900	3,310	3,510	2,570	3,010	
Economic Plantation	5,320	5,000	3,600	3,800	4,000	4,200	4,400	
(iii) Area under fuel Plantation Farm Forestry.	..	208	400	400	400	400	400	400	
(iv) Others	{	Minor Forest Produce.	167	30	280	280	280	400	400
		Rehabilitation of degraded Forests.	661	800	400	400	600	600	600
Total	9,989	10,030	7,580	8,190	8,790	9,170	9,510	

FISHERIES DEVELOPMENT-FOURTH PLAN-ORISSA STATE

Memorandum

Physical Programme

Statement V

Item	Unit	Estimated level of Achievement II						
		Statement V						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
Fisheries.								
Mechanisation of boats No.	34	..	..	33	1	..	..	..
Cold Storage for storing fish (No.)	1	..	..	..	..	1	..	..
Co-operative marketing (Quantity)	2,00,000 M.T.	..	2000	3000	4000	5000	6000	M.T.
Landing and Berthing facilities.	5 Nos.	..	..	1	1	1	1	1
Loans advanced to Fishermen's Co-operatives	Rs. 51.50 Lacs.	0.50	1.50	10.00	10.00	10.00	10.00	10.00
Fingerlings distributed	58 Cros.	3	5	10	10	10	10	10
No. of fish seed farms	1	..	..	..	..	1	..	..

ANNEXURE II
Statement—V

Item	Unit No.	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
Regulated Markets	No.	Nil	1	1	2	2	2	2

STATEMENT V

STATEMENT V.
Draft Fourth Five-Year Plan
Physical Programme

Annexure II

Item	Unit	Estimated level of Achievement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
<i>(i) Primary Co-operative Societies—</i>								
<i>(Agricultural credit)</i>								
Number	.. Number	50.62	4,962	4,562	4,262	3,962	3,862	3,666
Membership	.. (in lakhs)	14.00	15.00	16.00	17.00	18.00	19.00	20.00
Share Capital of members	.. (Rupees in crores)	4.00	4.25	4.50	4.96	5.27	5.64	6.00
Deposit of members	.. Ditto	0.40	0.42	0.44	0.46	0.48	0.50	0.52
<i>(ii) Agriculture Credit—</i>								
<i>(a) Short and medium term advances during the year.</i>	(Rupees in crores)	14.00	16.00	18.00	20.00	22.00	24.00	26.00
Amount outstanding at the end of the year.	Ditto	19.00	21.00	23.00	26.00	29.00	32.00	35.00
<i>(b) Long term advances during the year.</i>	Ditto	1.50	4.00	4.35	4.70	5.00	5.30	5.65
Amount outstanding at the end of the year.	Ditto	5.00	7.50	11.00	15.00	19.00	24.00	28.00

<i>(iii) Primary Marketing Societies</i> ..	Number	53	..	55	58	62	66	70
Business handled during the year ..	(Rupees in lakhs)	730	860	900	1,100	1,301	1,500	1,700
<i>(iv) Processing Societies—</i>								
<i>(a) Rice Mills</i> ..	Number	6	16	35	45	45	45	45
Business handled ..	(Rupees in lakhs)			(Included in item No. (iii) above)				
<i>(b) Sugar Factories</i> ..	Number	1	1	1	2	2	2	2
Production ..	(Rupees in lakhs)	65	80	80	80	80	80	80
<i>(c) Cottening and Pressing</i> ..	Number	..	..	..	..	..	..	..
Business handled ..	(Rupees in lakhs)	..	..	..	..	..	..	..
<i>(d) Others (Jute and Coconut)</i> ..	Number	2	2	2	2	2	2	2
Business handled ..	(Rupees in lakhs)	50	70	75	80	85	90	95

STATEMENT V

Item	Unit	Estimated level of achievement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9

Major and Medium Irrigation

Estimate Area under Irrigation

(a) Potential	.. 000 acres	1531.94	1766.92	2074.31	2369.67	2566.67	2624.67	2860.07
(b) Utilisation	.. Ditto	1491.94	1576.92	1937.31	2263.67	2516.67	2574.67	2810.07

STATEMENT V
Draft Fourth Five-Year Plan
Physical Programmes

Annexure II

Item	Unit	Estimated level of Achievement (Progressive)						
		1967-68	1968-59	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
(i) Installed Capacity (000 K. W.).	M. W. ..	372.5 M. W.	560 M. W.	560 M. W.	560 M. W.	560 M. W.	740 M. W.	920 M. W.
(ii) Electricity generated (000 K. W. H.).	M. Unit.	1,065.4 M. U.	1,320.0 M. U.	1,515 M. U.	2,050.0 M. U.	2,340.0 M. U.	2,450.0 M. U.	2,549.5 M. U.
(iii) Electricity sold	.. Do. ..	1,024.0 M. U.	1,188.0 M. U.	1,364 M. U.	1,794.0 M. U.	2,052.0 M. U.	2,144 M. U.	2,234.0 M. U.
(iv) Rural Electrification (end of 1966-67—693)		821 (228)	881 (60)	1,081 (200)	1,381 (300)	1,681 (300)	2,600 (?25)	2,381 (375)
(v) Villages electrified Nos.	..							
(vi) Pump set energised by electricity.	by (during 1967-68—128)							
(vii) Tube-wells energised by electricity.	by ..	432 (68)	512 (80)	762 (250)	1,162 (400)	1,562 (400)	2,012 (450)	2,512 (500)
(viii) Private Irrigation Works ..	.. ..			1,300	2,700 (1,400)	4,300 (1,600)	6,150 (1,850)	8,000 (1,850)

DRAFT FOURTH FIVE-YEAR PLAN (1969- 4)

Statement V

Annexure II

Item	Physical Programmes Unit	Estimated level of achievement (Progressive)						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
(5) Transport (P. W. D.)								
(i) Surfaced roads	.. 000 Kms.	0.190	0.551	0.510	0.510	0.500	0.490	0.490
(ii) Unsurfaced roads	.. 000 Kms.	..	..	0.150	0.150	0.250	0.250	0.250
(iii) Villages not connected by roads.	(No.)	The information is not available with the Public Works Department						
(iv) Urban Roads	.. 000 Kms.	0.032	0.048	0.120	0.120	0.120	0.120	0.120

ANNEXURE--II
STATEMENT--V
GENERAL EDUCATION

Item	Estimate level of achievement						
	1967-68	1968-69	1969-70	197 -71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8

Enrolment—

(i) Classes I—V

Total ..	19.23	20.31	21.45	22.50	23.80	24.94	26.08
As percentage of the population in this age-group.	..	..	..	..	..	..	87.5 %
Girls ..	6.57	7.36	8.12	8.88	9.64	10.36	11.12
Percentage to the population in the age-group.	..	..	..	..	..	..	75 %

(ii) Classes VI -VIII

Total ..	2.90	3.59	4.28	4.97	5.66	6.35	7.04
Percentage to the total population in this age-group.	..	..	..	..	..	..	47.1 %
Girls ..	0.56	0.61	0.66	0.72	0.78	0.84	0.91
Percentage to the population in age group.	..	..	..	..	..	..	24.8%

<i>(iii)</i> Classes IX—XI								
Total	..	1.25	1.68	2.12	2.68	3.25	3.80	4.48
Percentage	..	..	..	..	..	..	..	30.0%
Girls	..	0.16	0.30	0.45	0.61	0.76	0.91	1.06
Percentage	..	..	..	..	..	..	..	12.8%
<i>(iv)</i> University College								
Total (Arts, Science and Commerce).		26,000	31,000	36,000	41,000	46,000	51,000	56,000
Science only	..	8,000	11,000	14,000	17,500	21,500	25,500	30,500
Teachers								
<i>(i)</i> In Primary Schools								
Number	..	53,318	53,318	55,318	57,318	59,318	62,318	65,200
Percentage trained	..	63.0	67.5	68.0	67.0	67.1	66.9	67.1
<i>(ii)</i> In Higher Primary Schools								
Number	..	12,706	14,648	15,000	15,500	16,220	17,000	18,048
Percentage trained	..	28.9	27.8	31.8	33.5	36.1	36.2	38.3
<i>(iii)</i> In Secondary Schools								
Number	..	10,799	11,800	12,500	13,300	14,200	15,500	16,500
Percentage trained	..	51.1	51.9	54.4	56.4	57.7	58.1	58.2

STATEMENT V

Item	Unit	Estimated level of achievement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
Technical Education:								
1. Engineering Colleges—								
(a) No. of Institutions .. Nos. ..		2	2	2	2	2	2	2
(b) Sanctioned annual admission capacity. Nos. ..		570	520	430	430	430	430	430
(c) Outturn .. Nos. ..		500	500	400	400	400	400	400
2. Polytechnics—								
(a) No. of Institutions .. Nos. ..		7	7	6	6	6	6	6
(b) Sanctioned annual admission capacity. Nos. ..		1,250	950	1,035	1,035	1,035	1,035	1,035
(c) Outturn .. Nos. ..		811	700	700	700	700	700	700
3. Technical Schools—								
(a) No. of Institutions .. Nos. ..		2	2	2	2	2	4	4
(b) Sanctioned annual admission capacity. Nos. ..		90	90	90	90	90	180	180
(c) Outturn .. Nos.	45	45	45	45	45

ANNEXURE—II
STATEMENT V

Item	Unit	Estimated level of achievement							Total
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	
1	2	3	4	5	6	7	8	9	10
10—Craftsmen Training									
Institution—									
(a) Existing	.. Nos.	10	..	..	..	..	..	..	10
(b) New	.. Nos.	..	..	1	1	..	..	2	
(a) Existing									
Intake	.. Nos.	1,871	2,608	2,560	2,720	2,560	2,720	2,500	17,599
Outturn	.. Nos.	853	1,956	1,959	2,052	1,920	2,040	1,920	12,700
New									
Inte	.. Nos.	..	..	128	160	288	220	320	1,216
Outturn	.. Nos.	..	..	..	76	128	204	256	664

(*) Actual Achievement

ANNEXURE II

STATEMENT V

Expansion of Apprenticeship Training

Item	Unit	Estimated level of achievement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4		6	7	8	9
Institution—								
(a) Existing	.. (Nos.)							
(b) New								
Intake	} Existing Appren- tices.	..	..	290	290	250	290	290
Outturn		..	..	220	220	220	220	220
Intake	} New	..	..	87	100	150	137	150
Outturn		..	..	..	..	38	66	75

Annexure—II
STATEMENT V

Item	Units	Estimated level of achievement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9

7--Health

I. Hospitals and Dispensaries

(a) Urban	..	Number	72	72	75	76	76	76	76
(b) Rural	..	Number	311	311	322	327	329	329	329

III. Beds

(a) Urban Hospitals and Dispensaries.	..	Number	4,291	4,336	4,661	4,754	4,877	4,937	4 997
(b) Rural Hospitals and Dispensaries.	..	Number	3,045	3,193	3,278	3,493	3,578	3,663	3,718

IV. P. H. C.	..	Number	306	314	314	314	314	314	314
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V. Training of Nurses

Institutes	}	Number	4	4	4	4	4	4	4
Annual intake			200	200	200	200	200	200	200
			94	90	90	90	90	90	90

VI. Control of Diseases									
T. B. Clinics	..	Number	13	13	13	13	13	13	13
Leprosy Control Unite	..	Number	8	8	10	12	12	12	18
V. D. Clinics	..	Number	13	13	13	13	13	13	12
Filaria Units	..	Number	5	5	10	15	20	20	20
VII. Maternity and Child welfare Centres.		Number	176	176	176	176	176	176	176
VIII. Medical Education									
(a) Medical Celleges	..	Number	3	3	3	3	3	3	3
(b) Annual admission	..	Number	400	400	400	400	400	400	400
(c) Annual outturn	..	Number	318	450	450	450	360	360	360

DRAFT FOURTH FIVE-YEAR PLAN

Physical Programmes

Water-supply and Sanitation

Annexure II

STATEMENT V

Item	Units	Estimated level of Achievement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
<i>(a) Urban</i>								
Corporation towns								
(i) Augmentation of protected water-supply.	Million Gallons	..	.	..	..	..	..	..
(ii) Population covered	.. Millions	..	..	..	..	..	..	..
Other towns—								
(i) Towns covered	.. Nos.	19	18	20	20	20	20	20
(ii) Population covered	.. Millions	0.248	0.305	0.443	0.540	0.63	0.685	0.685
Hyperendemic towns—								
* (i) Towns covered	.. Nos.	4	4	4	4	4	4	4
(ii) Population covered	.. Millions	0.002	0.005	0.027	0.040	0.050	0.055	0.055
* Jajpur, Kendrapara, Bhadrak and Jajpur Road comes under Hyperendemic towns								
<i>(b) Rural</i>								
Piped water-supply—								
(i) Village covered	.. Nos	101	101	130	130	130	130	130
(ii) Population covered	.. Millions	0.30	0.31	0.36	0.40	0.42	0.44	0.46

ANNEXURE II
STATEMENT V
PHYSICAL PROGRAMMES

Item	Units	Estimated level of achievement						
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74
1	2	3	4	5	6	7	8	9
(i) Industrial ..	No. of tenements	84	32 new houses and completion of incomplete houses.	98 new houses and completion of incomplete houses.	98 new houses and completion of incomplete houses.	207 new houses and completion of incomplete houses.	398	473
(ii) Low Income Group Housing.	Ditto	106	40 new houses and completion of incomplete houses.	50 new houses and completion of incomplete houses.	50 new houses and completion of incomplete houses.	120 new houses and completion of incomplete houses.	200	200
(iii) Village Housing.	(a) No. of villages	14	11	18	25	35	40	50
	(b) No of house completed.	91	105	117	165	230	300	330
(iv) Land Acquisition and Development.	Area developed (acres).	This is a Non-plan Scheme.						
(v) Slum Clearance.	Tenements ..	36	48	78	78	78	78	78

ANNEXURE II
STATEMENT V
PHYSICAL PROGRAMMES

Item	Units	Estimated level of achievement							Remarks
		1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	
1	2	3	4	5	6	7	8	9	10
II Welfare of Backward classes									
(i) T. D. Blocks ..	Nos.	..	..	26	12	..	..	..	..
(ii) Training of staff by categories.	Nos.								
(iii) Post-matric scholarships.	Nos.								
(a) General courses	}								
(b) Technical and Professional courses.			2125	2235	2275	2315	2350	2375	2390

