

**PROJECT PROPOSAL OF THE NATIONAL SCHEME
OF
ESTABLISHMENT OF DISTRICT INSTITUTE OF
EDUCATION AND TRAINING.**

Proposal submitted by

**Directorate of Public Instruction
Government of Arunachal Pradesh-h
Itanagar**



Sub. National Systems Unit,
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STATE PROFILE

Arunachal Pradesh is a thinly populated hilly and one of the youngest states in the country. The statehood has been given only on 20th February 1987. The state is situated in the North East of India, comprising of 83578 Km Sq of area; bordering the International boundaries of Bhutan, Tibet, China and Burma. The total population of the state according to 1981 census is 631,839. There are 11 (eleven) districts comprising of 48 Development Blocks. The total number of villages which are scattered in the vast area is 3257. There are only 6 (six) urban areas in this state. The state is predominately populated by scheduled tribes as 69.82 percent of its population is tribal. The state is educationally and economically backward. The difficult terrains make communication and transportation a big problem.

The total development plan of the state is considered as tribal area plan. Considering the universalisation of elementary education, during the Sixth and Seventh Plan efforts have been made to expand the educational facilities in the state and considerable progress has been made in this direction. At present 1041 Primary schools, 217 Middle Schools, 52 Secondary Schools with Primary and Middle sections, 27 Higher Secondary Schools with Primary and Middle sections and 11 Higher Secondary Schools with Middle sections are functioning in the state. The enrolments of Primary and Middle stages in 1986-87 are 91482 and 21339 respectively. The gross percentage of coverage in the respective stages to the total age groups population are 96.37 and 44.28. The target fixed for 1987-88 in Primary stage is 96000 and in Middle stage is 25000. The gross percentages of coverage being 97-90 and 47.61 respectively. The target proposed for 1989-90 i.e. at the end of 7th Plan is 104000 in Primary stage and 30000 in Middle stage.

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This reveals that an additional enrolment of 12518 in primary stage and 8661 in Middle stage have to be achieved during the period of 1987-90. Similarly target proposed for 1994-95 is 122000 in primary stage and 40000 in Middle stage. Therefore, an additional enrolment of 18000 in Primary stage and 10000 in Middle stage have to be covered during 8th Plan period i.e. 1990-95. It is proposed that by the end of 1995, the percentage of coverage will be 105.05% in classes I-V and 62.5% in classes VI-VIII. The overall percentage of coverage in classes I-VIII will be 90.02. The Government has decided to post at least two teachers in each school irrespective of enrolment. To achieve this target as proposed, additional 1464 teachers for the period 1987-90 and 2030 teachers for the period 1990-95 will be required.

Out of the 1464 additional teachers for 1987-90, 768 teachers will be required on account of annual attrition. Similarly, for 1990-95, 1280 teachers will be required on account of attrition. The rate of annual attrition proposed is 7% as against average national attrition rate of 2% as the situation in Arunachal Pradesh is quite different from the rest of the country. It is also to be stated that though the teacher pupil ratio for primary stage and middle stage are proposed as 1:30 and 1:20 respectively, yet considering the topographical situation in Arunachal Pradesh the teacher pupil ratio may be fluctuating.

The extent of untrained teachers in the elementary stage of education at present is 61%. There exists only one in-service teacher training institute for primary teachers in Arunachal Pradesh. The intake capacity of the institution is 100. The course followed in the institution is of one year's duration.

There are 72 Non-formal education centre for the age group 9 to 14 years at present. The total enrolment is 2160. Instructor pupil ratio is 1:30. It is proposed to cover 3000 in classes I-V and 1000 in classes VI-VIII during 1987-90 and 6000 in classes I-V and 3000 in classes VI-VIII during 1990-95. To achieve this target 201 instructors during 1987-90 and 600 instructors during 1990-95 will be required. The Instructor pupil ratio proposed for these periods are 1:20 and 1:15 respectively.

As regards, Adult Education programme, 1342 Adult Education centres are functioning at present. As per instruction of Govt. of India it is proposed to achieve 100% literacy by the end of 1995 in the age group 15-35 years. It is proposed to cover 85200 participants during 1987-90 and 127000 during 1990-95. Instructor Learner ratio proposed is 1:20 for 1987-90 and 1:10 for 1990-95.

There is no institution for imparting training to the Adult Education Instructors and Instructors of Non-formal education centres. The initial training to Project Officers and Supervisors has been given by the Directorate of Adult Education, New Delhi and there after the training for the instructors is organised at district level where Project Officers and Supervisors acted as resource persons.

At present in the state, Pre-service and in-service training facilities are very limited. There is only one Teacher's Training Institute for Primary teachers known as Buniadi Shiksha Bhawan located at Changlang. Its intake capacity is only 100 and it is a co-educational institution. Further, due to various types of difficulties and inconveniences, it is not always possible to get trained teachers. Thus many of the schools specially at primary level are run by untrained teachers. To cater to the training needs of teachers, The Government of Arunachal Pradesh has

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decided to implement the centrally Sponsored Scheme for establishment of DIETs in Arunachal Pradesh from the current financial year to provide facilities to Elementary school teachers for their professional qualitative improvement. It is also decided to establish 3 DIETs in Arunachal Pradesh including upgradation of the only existing teachers training Institute at Changlang. Here it is to be mentioned that due to topographical conditions and difficult hilly terrains, the norms fixed by Govt. of India for establishment of DIETs may not be applicable in toto in Arunachal Pradesh. Hence, we under compulsion may deviate from the norms to some extent in the larger interest of the State.

The total population of elementary teachers may not justify the establishment of 3 DIETs in Arunachal Pradesh. But this is to be done since topographical conditions are entirely different from other states. Further, difficult terrains and lack of communication and transportation are also big hurdles for movement of teachers.

In order to make facilities of DIETs easily accessible, 11 districts of Arunachal Pradesh are divided into three parts for establishment of 3 DIETs. The DIET at Changlang, after its upgradation will cater to the training needs of teachers of 4 districts i.e. Tirap, Changlang, Lohit and Dibang Valley. Like wise, second DIET will be established for East Siang, West Siang and Upper Subansiri districts and the third DIET for Lower Subansiri, East Kameng, West Kameng and Tawang districts.

During 1987-88, it is proposed to upgrade the existing teachers training institute at Changlang to the level of DIET. The different branches of studies in the upgraded DIET will be started in phased manner as mentioned

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below:-

1. 1987-88:-

- i) Pre-service teachers education
- ii) In-service programme and extension services
- iii) District Resource unit for Adult and Non-formal education.

2. 1988-89:-

- i) Work experience
- ii) Curriculum and evaluation

3. 1989-90:-

- 1 i) Educational Technology
- ii) Planning and Management

The proposals for upgradation of the existing Teachers Training Institute (BSB) during 1987-90 are worked out on the basis of the methodology and guidelines provided in the scheme.

The 2nd DIET is proposed to be established during 1988-89 in West Siang district and the following branches of studies will be started:-

1. Pre-service Teachers Education
2. In-Service Programme and Extension service
3. District Resource Unit for Adult and Non-formal Education
4. Work Experience
5. Curriculum and evaluation.

The 3rd DIET is to be established during 1989-90 at Itanagar with the following branches of studies:-

1. Pre-service Teachers Education
2. In-service Programme and Extension Services
3. District Resource Unit for Adult and Non-formal Education
4. Work Experience
5. Curriculum and evaluation.

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In the initial stage, qualified and deserving Officers from the Department will be selected and posted in the DIET. These Officers will continue to work in DIET till recruitment rules are finalised and persons for DIETs are appointed on finalisation of recruitment rules and on selection of staff, these officers will be sent back to their original posts.

As regards pay scales of the staff of DIET, there is a little deviation from the pay scales suggested in the scheme. This has to be done to bring the staff of DIET at par with other staff members of the Department. The following pay scales are suggested for Principal and Lecturers:-

- | | |
|--------------------|-------------------|
| 1. Principal | - Rs. 3000-5000/- |
| 2. Vice Principal | - Rs. 3000-4500/- |
| 3. Senior Lecturer | - Rs. 2200-4000/- |
| 4. Lecturer | - Rs. 2000-3500/- |

Pay scales of other staff members will be at par with corresponding pay scales of existing posts.

Due to transportation of building materials and development of the land the construction cost of building in Arunachal Pradesh is quite high as compared to other parts of the country. Further, equipments are also quite costly since most of them are procured from distant places.

The total requirement of funds for converting the existing Teacher Training Institute (BSB) are worked out and given below:-

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<u>Sl No.</u>	<u>Items</u>	<u>1987-88</u>	<u>1988-89</u>	<u>1989-90</u>
1. <u>NON-RECURRING</u>				
1.	Provision of Basic Amenities	Rs. 8000/-	-	-
2.	Construction of Building	Rs.16989400/-	-	-
3.	Equipments	Rs. 402000/-	Rs.848000/-	Rs.830000/-

Total Non-Recurring		Rs.17399400/-	Rs.848000/-	Rs.830000/-

RECURRING

1.	Salaries of Staff	Rs. 144938/-	Rs.1042198/-	Rs.1263220/-
2.	Contingencies	Rs. 75000/-	Rs. 648080/-	Rs. 649200/-

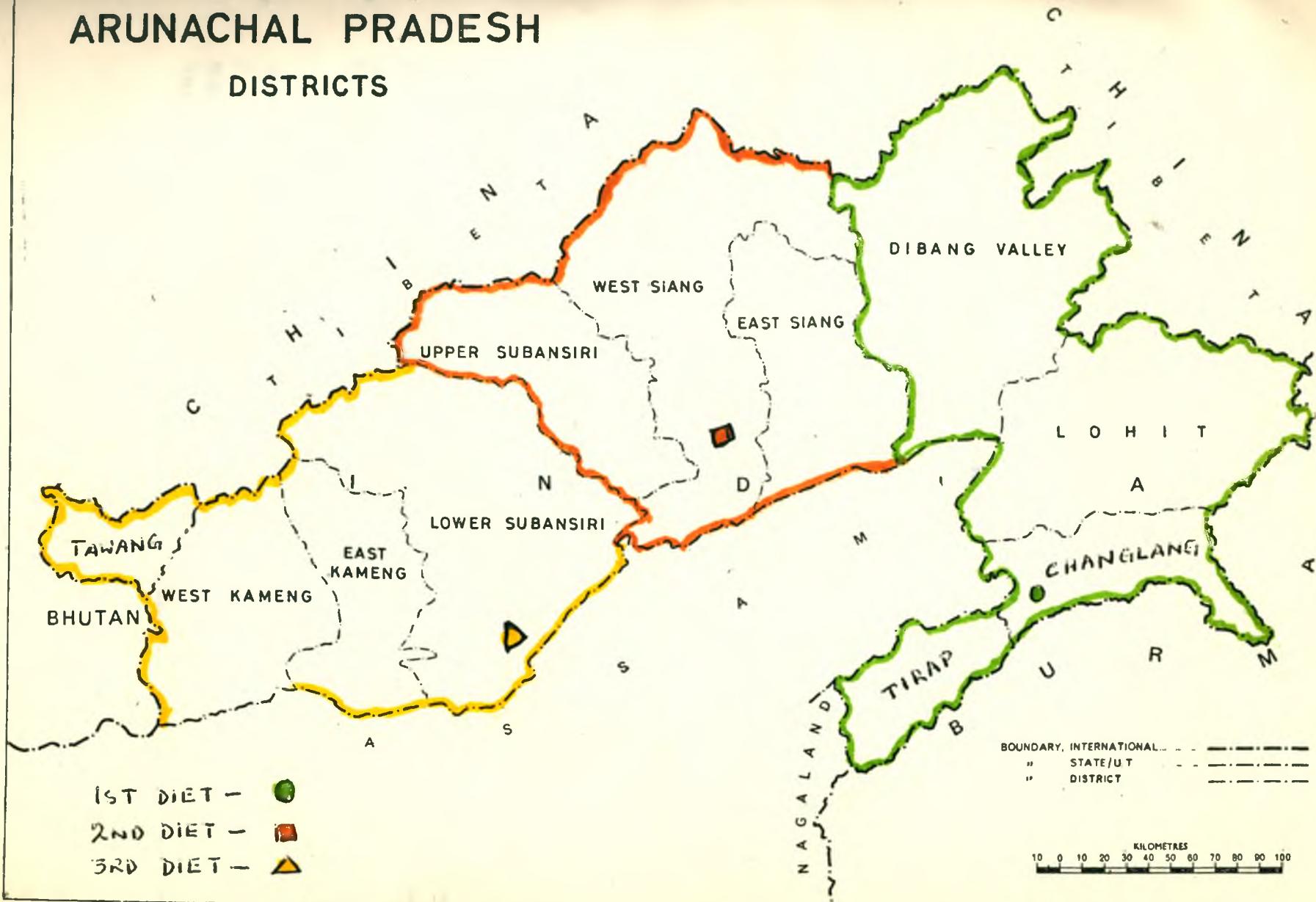
Total Recurring		Rs.219938/-	Rs.1690276/-	Rs.1912420/-

GRAND TOTAL Rs.17619338/- Rs.2538276/- Rs.2742420/-

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ARUNACHAL PRADESH

DISTRICTS



Based upon Survey of India map with the permission of the Surveyor General of India.

ANNEXURE IX

STATE/UT LEVEL PROFORMA FOR PERSPECTIVE PLANNING OF
ELEMENTARY TEACHER EDUCATION (INCLUDING ESTABLISHMENT
OF DIETs)

PART - I : BASIC INFORMATION

A. Basic Statistics:-

A. 1 Name of the State : Arunachal Pradesh.

A. 2 Population (1981) (i) Total 6,31,839

(ii) Percentage of (a) SC 0.46

(b) ST 69.82

A. 3 Number of Districts 11 (eleven)

A. 4 Number of Blocks 48

A. 5 Literacy Rate (1981) Male 28.94

Female 11.32

Overall 20.79

A.6 Number of Elementary Schools and AE/NFE Centres
in the State UT in 1986-87

Type of Institution	<u>No. of Institutions managed by</u>			Number of Institutions exclusively for Girls out of those in Col.4
	Govt.	Non-Govt.	Total	
1	2	3	4	5
a. Primary Schools/Sections	1004 Primary School 239 Primary Section	13 Schools 16 Section	1272	2 Schools 1 Section
b. Middle (Upper Primary) School/Sections	255 (181-Schools. 74 Section)	9 Schools 7 Section	271	1 Section
Total Elementary Schools/Section		45	1543	4
1498 (a+b)		-		

(cont...)

c.	Non-Formal Education Centres	72	-	72	-
d.	Adult Education Centres	1342	-	1342	13

A.7 Enrolment Trends

	1986-87	1989-90 (7th Plan Target)	1994-95 (Proposed/ Contemplated 8th Plan Targets)
	1	2	3
a. <u>Enrolment in Schools</u>			
i) I-V Classes	91482	104,000	122,000
ii) VI-VIII Classes	21339	30,000	40,000
iii) I-VIII Classes (i+ii)	112821	134,000	162000
b. <u>Learners in Non-Formal Education System</u>			
i) Primary	2160	3000	6000
ii) Middle/Upper Primary		1000	3000
iii) Total (i+ii)	2160	4000	9000
*c. <u>Gross Enrolment Ratios (G.E.R.)</u> (in percentage)			
i) 6 - 11 years	96.37	99.14	105.05
ii) 11 - 14 years	41.92	53.19	62.05
iii) 6 - 14 years	77.36	83.07	90.02
d. <u>Learners in Adult Education System</u>			31689

(cont ..)

4.8 Number of Teachers/Instructors (1986-87)

	<u>No. of Teachers/Instructors</u>		
	<u>Govt. Institutions</u>	<u>Non-Govt. Institutions</u>	<u>Total</u>
	<u>1</u>	<u>2</u>	<u>3</u>
a. Primary Schools/Sections	2628	128	2756
b. Middle Schools/Sections	878	30	908
<u>Total for Ele.Schools (a+b)</u>			
	3506	158	3664
c. N.F.E. Instructors	72	-	72
d. A.E. Instructors	1342	-	1342

* G.E.R. means percentage of enrolment in formal and non-formal education system to the total estimated population of children in the respective age-groups.

A.9 Teacher/Pupil Ratios (1986-87)

a. Primary Schools/Sections	1:33
b. Middle Schools/Sections	1:24

Over all ratio for Elementary Schools 1:31

c. N.F.E. Centres	1:30	1:30
d. A.E. Centres	1:25	1:25

A.10 Elementary Teacher Training Institutions (ETTs) in the State/UT (1987-88)

Category	<u>No. of Institutions</u>		Annual Intake Capacity of Pre-service Trainees
	<u>Total</u>	<u>Exclusively for Girls</u>	
	<u>1</u>	<u>2</u>	<u>3</u>
i) Govt.	1	-	NIL
ii) Non-Govt. Aided	-	-	-
iii) Non-Govt. Unaided	-	-	-
<u>Total</u>	<u>1</u>	<u>-</u>	<u>-</u>

(cont...)

B. System of Elementary Teacher Education (E.T.E.) in the State/UT

B.1 What is the Administrative and supervisory set up for Elementary Teacher Education at:

- a) Secretariat/Directorate Level : Director of Public Instruction has got administrative and supervisory central
- b) SIE/SCERT Level
- c) Regional/Divisional Level
- d) Distt. Level

Kindly attach brief information on the Administrative set up preferably alongwith organograms

B.2 Please give the following information regarding the Pre-service training programme of Ele. School Teachers in the State/UT:

- a) Duration of Course : 1 Year
- b) Minimum Prescribed qualifications ; X & XII for tribals for admission
? and graduation for other
- c) Mode of selection of candidates for Admission to pre-service training programme (including for SC/ST/ Women candidates selected by DEO in to bases of seniority
- d) Are the course contents and design in accordance with NCTE guidelines? Yes course contents and prepared in a workshop in collaboration with N.C.E.R.T
If not, please give details of the deviation from the above guidelines.
- e) What is the role of SCE RT in course design and formulation? The course has been designed in a workshop in SIE in collaboration with N.C.E.R.T.

B.3 What is the system of fixing intake of pre-service trainees for institutions of E.T.E. ?

To provide training to maximum teachers

(cont...)

8.4 What is the system of pupil evaluation in the Pre-service Training Course? Evaluation is done by Directorate of Public Instruction.

8.5 What is the system of recruitment (qualifications & selection procedure), training, posting and cadre management of Teachers in Govt. E.T.E. Institutions?

Kindly attach a brief note. Appendix - I

8.6 What is the system of granting recognition and financial aid to supervision of and fixing intake for non-governmental Institutions for E.T.E.?

Kindly attach a brief note. Not applicable, Science the only ET. Institutions is managed and financed by govt.

8.7 Has the State Council of Teacher Education been set up? No. If yes, please give its membership, functions and a note regarding its activities in the last three years.

8.8 What are the existing arrangements for in-service training of elementary teachers? Give a note on the duration and content of courses, method of selection of teachers and agency and system of conducting these programmes at State, District & Lower Levels. Also indicate rates of TA/DA paid to the participants in these courses. Kindly attach a brief note. Appendix - II

C. System of Training of AE & NFE functionaries

C.1 What are the organisational arrangements for pre-service and in-service training of AE and NFE functionaries at State and District levels? Kindly attach a note.

E.2 Kindly give a note on course contents, duration and agency responsible for conducting pre-service and in-service training programmes for (i) AE and (ii) NFE functionaries in the State. Annexure-III

D. System of Training of Heads of Elementary Schools

What are the arrangements for pre-service and in-service training of Heads of elementary schools, and concerned field officers of the Education Department? Kindly attach a brief note.

(cont....)

Due to lack of infrastructural facilities and other reasons training programme could not be arranged.

E. Educational Technology -

E.1 Production/Replication Facilities:-

Please give details of the facilities obtaining in the State/UT, if any, for production/replication of the following kinds of educational aids:-

- | | | | | |
|--|---|-----|---|--------------------|
| i) Slides | : | NIL | Y | |
| ii) Audio Programmes: | | NIL | Y | |
| iii) TV Programmes | : | NIL | Y | not started as yet |
| iv) Video replication:
of TV/original
Programmes | | | Y | |
| v) Films | | | Y | |

E.2 Instruction Facilities:-

Facility	<u>No. of Elementary Schools</u>	
	Possessing the facility in 1986-87	No. Proposed to be provided facility by 1989-90 (7th Plan Targets)
1. Radio	: NIL	
2. TV	: NIL	
3. Other Audiovisual equipment	: NIL	
4. Language Lab	: NIL	
5. Instructional computer facility	: NIL	

(cont....)

E.3 Educational Broadcasting/T-telecasting:- Please give a brief note regarding present and proposed arrangements for, and coverage of educational (radio) broadcasts and telecasts in the state.

Educational broadcasting is covered Where AIR stations are located like Tezu, Pasighat etc. Telecaste facility are not available, hence no coverage.

E.4 Please attach a brief note giving other relevant information regarding the State level present and future programmes and organisational arrangements in the area of educational technology.

F. Pupil Evaluation System

What are the organisational arrangements and systems for conducting pupil evaluation at terminal classes of primary and middle (upper Primary) s tages of education? Kindly attach a brief note.

Appendix - IV

G. State/UT Budget for Teacher Education Programmes

Kindly give the following information from the budget of Education Department for Elementary Teacher Education Programmes of the State/UT:

Items	Actual Expenditure			Estimated Expenditure
	- - - - -			1987-88
	1984-85	1985-86	1986-87	

a) Recurring:

- | | | | | | |
|----|------------------------|------------|------------|-----------|------------|
| 1. | Pay & Allowances | 3,47,595/- | 3,64,598/- | 4,99,036/ | 5,36,989/- |
| 2. | Pte-service Programmes | | | | |
| 3. | In-service Programmes | | | | |

(cont...)

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4.	Other Contingencies/ Programmes/Activities	3300/-	8562/-	12186/-	20000/-
5.	Grants to non-govt. Institutions	Nil	Nil	Nil	Nil
6.	Other Items OE -	6616/-	35979/-	44972/-	40000/-
	(Please specify) O/C	14970/-	62421/-	57354/-	50000/-
	TE -	3120/-	3553/-	9928/-	13500/-
Total: (a)		3,75,601/-	4,75,113/-	5,73,476/-	6,60,489/-

b) Non-Recurring
(Please specify the items) : NIL

Total (b)

c) Grand Total (a+b) 37,560/- 4,75,113/- 5,73,476/- 6,60,489/-

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PART II

PLAN FOR MEETING PRE-SERVICE AND IN-SERVICE TRAINING
REQUIREMENTS OF THE STATE/UT

H. Present and future requirements of teachers for elementary education and average annual intake for pre-service elementary teacher training facilities:

H.1 Please work out estimated annual requirement of Ele. School Teachers, for the State as a whole, on account of addl. enrolment and attrition, by following the methodology suggested in Part I of Annexure VIII, attach the calculation with this proforma and fill up the following Abstract as per Step 2 (2.3), Step.3 (3.3) and Step 4 of Part I, Annexure VIII.

Period	<u>Average Annual Requirement of Teachers</u>		
	For additional enrolment	On account of attrition	Total
1	2	3	4
1. 1987-90	298	190	488
2. 1990-95	273	133	406

H.2 What is the number of posts of the School Teachers actually created in the State/UT from 1984-85 onwards:

1984-85	-
1985-86	540
1986-87	636
1987-88	-
Average No. of posts created during 1984-88	294

(cont....)

H.3 In case the average annual estimated demand of teachers for additional enrolment as given in Col. 2 of Item H.1 above exceeds the average annual number of posts created during 1984-88 given in item H.2 above by more than 25% of the latter, the State/UT may like to give a more realistic estimate of the former by reducing the estimated number of new posts to be created every year. If so, kindly give the changed figures for:

- a) 1987-90 Not applicable
- b) 1990-95 -

H.4 In the light of H.3, Revised estimated annual requirement of ele.school teachers for fixing in-take for elementary teacher training institutions in the State/UT (Pl. add annual requirement on account of attrition given in Col. 3 of item H.2 to the corresponding figures in H.3)

- a) 1987-90 488
- b) 1990-95 406

H.5 In case of States/UTs where there is a backlog of untrained teachers working in elementary schools, please give the following information:

- a) Total number of teachers in Primary and Middle Schools/Stages in 1986-87 3664
- b) Percentage of untrained teachers in (a) above 60.48
- c) Number of untrained teachers in (a) above 2216
- d) Average annual targets for clearing backlog of untrained teachers assuming that it would be cleared by 1989-90 or, in exceptional cases, by 1992-93, and only trained teachers would be recruited in future:
 - a) Annual Target for 1988-90 : 200
 - b) Annual Target for 1990-93 : 300

(cont....)

: : : :

- i) What steps are proposed to be taken to clear the backlog of untrained teachers as given ; Additional courses will be arranged and intake capacity will be increased.

1.6 In case of States/UTs where there is a backlog of trained, unemployed elementary school teachers, the following information be given: NIL

- i) Number of unemployed, trained ele, school teachers registered in emoloyment exchanges:

Year No trained personnels is available who is unemployed

- ii) Will the State/UT be able to provide employment to these persons in the next 3 to 5 years? If so please give numbers likely to be employed, year-wise: Does not arise

Years	No. of unemployed trained teachers likely to be employed
1987-88	
1988-89	
1989-90	: Not applicable,
1990-91	
1991-92	

1. Plan for matching pre-service intake capacity of ETTI with estimated requirements of train d teachers (H.4).

- a) The present position of ETTIs:

	Govt. Institutions	Non-Govt. Aided	Non-Govt. Unaided	Total
i) Present number	1	NIL	NIL	1
ii) Present annual intake of pre-service trainees	100	-	-	100

b) Estimated Annual Requirement of Teachers according to Item H.2/H.4

i)	1987-90	488
ii)	1990-95	406

e) Matching of the annual pre-service intake as given in (a) above with the estimated annual requirement of teachers during 1990-95, as given in (b) (ii) above:

Particulars	<u>Govt. Institutions</u>		<u>Non-Govt. Aided</u>		<u>Non-Govt. Unaided</u>		<u>Total for</u>	
	Number	Annual Intake	Number	Annual Intake	Number	Annual Intake	<u>All Institutions</u> Number	<u>Annual Intake</u>
1	2	3	4	5	6	7	8	9
i) No. of existing ETTIs proposed for being closed down during 1988-90 as per para 1.12 of the guidelines	-	-	-	-	-	-	-	-
ii) No. of existing ETTIs proposed for being continued (indefinitely) but without upgradation into DIETs	-	-	-	-	-	-	-	-
iii) No. of existing ETTIs, proposed for upgradation into DIET during								
1987-88	1	100	-	-	-	-	1	100
1988-89	1	100	-	-	-	-	1	100
1989-90	-	-	-	-	-	-	-	-
Total	1	100	-	-	-	-	1	100

(cont....)

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iv)	No. of completely new DIETs proposed for being set up during 1987-88								
	1988-89	2	200	-	-	-	-	2	200
	1989-90								
	Total	2	200	-	-	-	-	2	200
v)	Anticipated position as on.1.4.90								
	{(ii)+(iii)+(iv)}	3	300	-	-	-	-	3	300
	{ (Total in column 9 of item (v) above should match the figure in b(ii)} }								

1. Estimation of In-service Training Requirement

1.1 Based on the 1987-88 figure of Elementary School Teachers in the State/UT no. of teachers who would have to be trained annually if all teachers in the State/UT are to be imparted at least one comprehensive in-service training every 5 years: 643

1.2 No. of Heads of Elementary Schools, School complexes etc. to be trained annually if all such Heads are to be imparted atleast one in-service training one in 3-5 years. (Please specify desired frequency):- 214

1.3 Proposed arrangements for organising in-service training to extent indicated in J.1 and J.2:-

(i) In DIETs : In batches of 100 teachers of one month duration in phased manner. yearly 857 teachers proposed.

(ii) At other suitable Centres,

(iii) Total

1.4 In-service Training Requirements of NFE & AE Instructors and Supervisors

Year	<u>No. to be imparted annual orientation training</u>			
	NFE		AE	
	Instructors	Supervisors	Instructors	Supervisors
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
1 1987-88	72	-	1362	36
2 1988-89	4	-	20	-
3 1989-90	-	-	20	-

(cont.....)

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J5 Proposed arrangements for meeting the above in-service training needs through DIEVs and other institutions

1.	1987-88	-	-	-	-	-
2.	1988-89	72	-	228	-	-
3.	1989-90	-	-	564	36	-

NB The rest will be oriented during 1990-91 and 1991-1992

DISTT-WISE ABSTRACT OF EXISTING ELEMENTARY TEACHER TRAINING INSTITUTIONS

K. To be prepared on the basis of data collected in the Institutional Proforma given in Annexure VIII

District Name & Address of the Institution		Management Govt./Non-Govt. Govt.aided Unaided	Year of Estab-lishment	Meant for (Boys/Girls/ co-education)	Distance (Kms)	Annual Capacity (Ist Year)	11 Year Total (in case of two years course)			
1	2	3	4	5	6	7	8			
1. Changlang	Principal Buniyadi Sikshe Bhaven, P.O. Changlang Dist:-	Govt.	1948	Co-education	D.K.M	100 (in-service only)	58			
					<u>Land/Building</u>	<u>Position</u>				
11	12	13	14	15	16	17	18	19	20	21
Govt.	8 acres	1 area	sufficient spare Land available adjacent existing building	5	1	3	.1	3	Govt.	100

(cont....)

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Availability of basic amenities like Elec- tricity etc.	Whether proposed for being Upgraded to DIET	Retained without such upgrada- tion	Phased out	Remarks (If a completely New DIET is proposed for establishment in the Diatt., the fact should be mentioned together with its intake capacity
22 available	23 Yes	24 -	25 -	26 -

PART-IV : Three Year Plan with District-wise Break-up for closure
and continuance of existing Elementary Teacher Training

Institutions and for Establishment of DIETs

L. On the basis of Part III, kindly give the following consolidated information district-wise for the State:

S.No.	District	Popula- tion	Special Characteristics, if any (eg.Hilly/ Tribal/Desert/ Metropolitan etc)	No. of Teachers in Primary and Middle schools/ stages	No. of Instru- ctors in AE NFE		No. of Existing ETTIs			To- tal	Intake of exis- ting ETTIs
							Govt.	Non Aided	Govt. Unaided		
1	2	3	4	5	6	7	8	9	10	11	12
1.	Ehanglang										
2.	Tirap										
3.	Lohit										
4.	Dibang Valley	2,29,116	Hilly/Tribal	1114	496	28	1	-	-	1	100
5.	East Siang	1,84,025	Hilly/Tribal	1571	417	24	-	-	-	-	-
6.	West Siang										
8	Upper Sub- ansiri										
9.	L/Subansiri	2,18,688	Hilly+Tribal	983	360	20					
10.	West Kameng										
11.	East Kameng										
12.	Tawang										

(cont....)

Proposal for DIETs

<u>No. of existing ETTIs</u>				<u>No. of new DIETs proposed to be Established</u>				<u>Total No. of DIETs (Col.16+ Col.20)</u>	<u>Proposed Intake Capacity of Pre-service Trainees</u>
<u>Proposed to be upgraded to DIET</u>				<u>1987-88 88-89 89-90 Total</u>					
<u>1987-88</u>	<u>88-89</u>	<u>89-90</u>	<u>Total</u>	<u>1987-88</u>	<u>88-89</u>	<u>89-90</u>	<u>Total</u>		
<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>	<u>21</u>	<u>22</u>
			1	-	-	-	-	1	100
					1	-	1	1	100
						1	1	1	100

Existing ETTIs proposed to be continued but without upgradation into DIETs

<u>Govt.</u>	<u>Number</u>		<u>Total</u>	<u>Annual Intake capacity of pre-service trainees of ETTIs in Col.26</u>	<u>No. of Existing ETTIs, proposed for being Phased out during 1988-90</u>			<u>Remarks</u>			
	<u>Non-Govt.</u>	<u>Aided</u>			<u>Unaided</u>	<u>Govt.</u>	<u>Non-Govt.</u>		<u>Total</u>		
					<u>No. Intake</u>	<u>Nb. Intake</u>	<u>No. Intake</u>				
<u>23</u>	<u>24</u>	<u>25</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>29</u>	<u>30</u>	<u>31</u>	<u>32</u>	<u>33</u>	<u>44</u>

27-

PART - V- PROPOSED ADMINISTRATIVE & ACADEMIC ARRANGEMENTS
FOR DIETs IN THE STATE/UT

M. Please indicate the Department/Office/Agency which will coordinate, monitor, evaluate and oversee the work of the DIETs in the State/UT. Which Deptt./Branch/Unit in the Agency will do this work, what is its present staff and work load, and how will it be ensured that it is suitably equipped to discharge its functions relating to DIETs adequately?

N. Please indicate the functional relationships which the DIETs will have in the State/UT with:-

- i) Education Deptt. at the State: Administrative level
- ii) Concerning Directorate of Education : Administrative
- iii) SCERT/SIE : Academic
- iv) Directorate & State Resource Centre for Adult Education
- v) Directorate of Non-Formal Education (if in existence) :
- vi) SIET (if in existence)
- vii) Divisional and Distt. level field officers of Education Deptt. (incl. AE & NFE Officers) : Co-ordination for organising activities and courses.
- viii) Elementary schools situated within the
 - (a) Distt(s) to be served by the DIET :
 - 1. West Kameng
 - 2. East Kameng
 - 3. Tawang
 - 4. Lower Subansiri
 - 5. Changlang
 - 6. Tirap
 - 7. Lohit
 - 8. Dibang Valley
 - 9. East Siang
 - 10. West Siang
 - 11. Upper Subansiri

(cont.....)

!! !!

(b) Lab Area of the DIET : Implementation of Schools
and use them for demonstra-
tion purposes.

.x) Others (Please specify)

5. C&E

- 1. Sr. Lecturer - 2200-4000/- 1
- 2. Lecturer - 2000-3500/- 2

6. W.E.

- 1. Sr. Lecturer - 2200-4000/- 1
- 2. Lecturer - 2000-3500/- 1
- 3. WE Teacher - 1450-2600/- 1

7. PSTE

- 1. Sr. Lecturer - 2200-4000/- 1
- 2. Lecturer - 2000-3500/- 7

- i)
- ii)
- iii)

8. ISPES

- 1. Sr. Lecturer - 2200-4000/- 1
- 2. Lecturers - 2000-3500/- 1

32

Q.2: Please give a brief note regarding proposed cadre formation and career prospects for persons who would be recruited to the DIET posts mentioned above, also indicating the Status of framing Recruitment and Service Rules for them. If the Draft/Final Rules are ready, a copy thereof may please be attached.

P. Development of Academic Packages

In the context of para 2.13 and Annexure V of the Guidelines, please give the following details:

- (i) List of programmes which DIET in the State would be conducting. Annexure -I
- (ii) Name of agencies which have been assigned the task of developing academics packages for the above programmes.
- (iii) Progress of development of above packages and date by which they would be ready.

Q. Arrangements for construction work

Q.1 Which Agency/Agencies will be entrusted construction work under the scheme? State Public Work Deptt.

Q.2 On what terms will it/they carry out construction work for the Education Deptt.? As Deposit work

Q.3 How will it be ensured that construction work gets completed on schedule and there are no cost escalations due to delays?

R. Arrangement for purchase of Furniture, Equipment etc.

R.1 What will be the mode of purchase (Authority to place orders for purchase, place of delivery, suppliers agency etc) of the following for the DIETs.

- i) Furniture
- ii) Books
- iii) Audio-Visual Aids
- iv) Computer
- v) Other ET Equipment
- vi) Science Equipment
- vii) Workshop/UT Equipment

Y

X

Director of Public Instruction

:: ::

viii) Sports and Physical Education Equipment

ix) Office Equipment

x) Other Equipment

Director of Public Instruction.

Re. 2 How will it be ensured that purchases are made in a fair manner and quality goods are supplied to the DIETs on schedule? As per Government Procedure

S. General Remarks (if any)

T. What legal and administrative steps will be taken, and according to what time schedule, to phase out Institutions identified for closure? Not applicable

Annexure - I

<u>Branch:</u>	<u>Title of the Programme</u>
1. Pre-service Teacher Education	1. Pre-service teacher education course.
2. Inservice Programmes and Extension services	1. Comprehensive inservice training course for teacher 2. Shortterm, programmes related to te different Branches. 3. Seminar of community leaders, youth and others. 4. In-service training course for heads of primary/Upper Primary Schools
3. DRU for AE & NFE	1. Induction level training course for instructors of AE. 2. Induction level training course for supervisors of AE. 3. Induction level training course for Instructors of NFE. 4. Reorientation course for Instructors of AE. 5. Re-orientation course for supervisors of AE. 6. Re-orientation course for instructors of NFE. 7. Courses for Resource persons for organising de-centralised training of AE/NFE Staff.
4. DRU/ Planning & Management/ Educational Technology/work experience/curriculum and Evaluation.	1. Developmental programmes like workshop/meetings of experts etc. for developing learning materials/ aids/ etc.

Sub. National Systems Unit,
National Institute of Educational
Planning and Administration
17-B, SriAurbindo Marg, New Delhi-110016
D.O.C. No. 4150
Date.... 23/2/88

Appendix - I to Annexure IX

The teachers are selected by a selection board. The qualifications of teachers in ETE institution is M.A/MSc or BEd. only the already trained teachers are posted. These teachers form a common cadre with other teachers working in Secondary/Higher Secondary Schools

Appendix - II to Annexure -IX

In-service training of Elementary teachers are organised in S.I.E in collaboration with N.C.E.R.T, and C.I.H. In-service Training of Elementary teachers in Science and Maths are also organised in District Headquarters by SIE staff. The duration of training arranged for are week to 20 days as per necessity. The teachers are selected on the basis of their seniority and needs of training. In some cases the TA/DA are bonus by sponsoring agency and in some cases by the department *initial*

Appendix - III to Annexure - IX

Initial training has been given to AE/NFE functionaries at SIE Changlang in collaboration on the Directorate of Adult Education, New Delhi and NCERT Guwahati region and New Delhi.

Appendix - IV to Annexure - IX

Evaluation of children at the end of Classes V & VIII is organised by Directorate of Public Instruction. Common papers are set examination are conducted on same dates in all selected centres answer scripts are examined all district level under supervision of D.E.O results are prepared and announced by D.E.Os.

... ..

ANNEXURE X

DISTRICT LEVEL PROFORMA FOR FORMULATING PROJECTS FOR ESTABLISHMENT OF DIETS

*PART-I ; BASIC INFORMATION

A. Basic Statistics:

A.1 Name of the District: Lohit, Dibang Valley, Changlang, Tirap.

A.2 Population (1981) 1) Total : 229116

ii) Percentage of a) SC : 54.61
b) ST : 0.56

A.3 Number of Blocks : 13

A.4 Literacy Rate (1981) Male : 31.47
Female : 12.47
Overall : 22.97

A.5 Number of Institutions in 1986-87

Types of Schools/ Institutions	No. of Institutions managed by			Number of Institutions exclusively for Girls out of those in Col-4
	Govt.	Non-Govt.	Total	
1	2	3	4	5
i) Primary Schools/ sections	410	10	420	2
ii) Middle(Upper Primary schools/ sections)	84	3	87	-
	Total Elementary Schools- 494 (i)+(ii)			13
			507	2

* In case a DIET will serve more than one district on a long term basis, Please fill-up this part i.e. Basic statistics, in such a manner as to give information in respect of every district which the DIET will so serve.

... ..

iii) Non-formal Education Centres	28	-	28
iv) Adult Education Centres	496	-	496

A.6 Enrolment Trends

	1986-87	1989-90 7th Plan Targets	1994-95 (Proposed/ contemplated 8th Plan Target)
--	---------	--------------------------------	---

a. Enrolment in Schools:-

i) I-V Classes	29323	34277	42577
ii) VI-VIII Classes	5848	7463	11063
iii) I-VIII Classes (i+ii)	35171	41740	53640

b. Learners in Non-formal education system

i) Primary	840	1000	2000
ii) Middle/Upper Primary	-	450	800
iii) Total (i+ii)	840	1450	2800

**c* Gross Enrolment Ratios (G.E.R.)
(in percentage)**

i) 6-11 years	73.30	80%	94%
ii) 11-14 years	35.44	40%	50%
iii) 6-14 years	62.24	67.64	79.36

d. Learners in Adult Education System 8827

A.7 Number of Teachers/Instructors(1986-87)

	No. of Teachers/Instructors		Total
	Govt. Institutions	Non-Govt. Institutions	
a. Primary Schools/sections	815	44	859
b. Middle Schools/Sections	245	10	255
Total for Elementary Schools (a+b)	1060	54	1114
c. N.F.E. Instructors	28	-	28
d. A.E. Instructors	496	-	496

* G.E.R. means percentage of enrolment in formal and Non-formal education systems to the total estimated population of children in respective age-groups.

... ..

A.8 Teacher/Pupil Ratios (1986-87)

a. Primary Schools/Sections : 1:34

b. Middle Schools/Sections : 1:23

 Overall ratio for
 Elementary Schools : 1:32

c. N.F.E. Centres : 1:30

d. A.E. Centres : 1:18

**A.9 Existing Elementary Teachers Training Institutions(ETTs)
 in the District (1987-88)**

Category	No. of Institutions		Annual Intake capacity of Pre- service Trainees
	Total	For Girls	
1	2	3	4
i) Govt.	1	-	100
ii) Non-Govt. aided	-	-	-
iii) Non-Govt. unaided	-	-	-
Total	1	-	100

**A.10 No. of Primary &
 Middle Schools in the
 District having faci-
 lities for:**

	<u>In the Year</u>	
	1986-87	1989-90 (7th Plan Target)
a) Radio	-	-
b) TV	-	-
c) Other audio- visual equipment	-	-
d) Instructional Computer Facility	-	-

Contd....

A.11 Present and proposed coverage of educational (radio) broadcasts and telecasts

B. Preparation of District Map

Please prepare a district map where DIET is to be located indicating block boundaries, location of primary and middle schools, ETTIs and proposed DIET.

C. Expenditure on Teacher Education Programme in the District

Item	Actual Expenditure			Estimated Expenditure 1987-88
	1984-85	1985-86	1986-87	
a) Recurring				
1. Pay and Allowances	347595/-	364598/-	499036/-	536989/-
2. Pre-Service Programmes	-	-	-	-
3. In-Service programmes	-	-	-	-
4. Other contingencies/programmes/activities	3300/-	8562/-	12186/-	20000/-
5. Grants to Non-Govt. institutions	-	-	-	-
6. Other Expenditure	6616/-	35979/-	44972/-	40000/-
Other items (OC)	14970/-	62421/-	57354/-	50000/-
T.E.	3120/-	3553/-	9928/-	13500/-
Total Recurring(a)	375601/-	475113/-	573476/-	660489/-
b) Non-Recurring				
(Please specify item)			Nil	
Total (b)			Nil	
c) Grand Total (a+b)	375601/-	475113/-	573476/-	660489/-

Contd....

PART-III

PLAN FOR MEETING PRE-SERVICE AND IN-SERVICE
TRAINING REQUIREMENTS OF THE DISTRICT

D. Present and future requirements of teachers for elementary education and annual intake capacity of pre-service TRAINEES OF EXISTING ETIs;

D.1 Kindly work out estimated annual requirements of Teachers for elementary education as per the methodology suggested in Part I of Annexure VIII and attach with this proforma.

D.2 Kindly indicate the estimated average annual requirement of teachers at elementary stage according to Step 2 (2.3), step 3 (3.3) and Step 4 of Part I, Annexure VIII;

Year	Average Annual Requirement of Teachers		
	For additional enrolment	On account of attrition	Total
1	2	3	4
1. From 1987-90	96	36	132
2. From 1990-95	102	42	144

D.3 What is the number of posts actually created for elementary education i.e., primary and upper primary levels of education from 1984-85 onwards;

1984-85	
1985-86	- 169
1986-87	- 246
1987-88	-

Average No. of Posts created during 1984-88 - 104

* This part should also give data for all the districts which a DIET will serve on a long term basis.

D.4 In case the average annual estimated demand of teachers for additional enrolment as given in Col-2 of item D.2 above exceeds the average annual number of posts created during 1984-88 given in item D.3 above by more than 25% of the latter is it necessary to work out a more realistic picture, by reducing the former? If so, kindly give the changed figures for:-

- a) 1987-90 : 132
- b) 1990-95 : 144

D.5 In case some changes are made in item D.4, what would be revised annual requirements of teachers for fixing in-take for elementary teacher training institutions after adding annual requirements on account of attrition given in Col. 3 of item D.2.

- a) 1987-90 : 132
- b) 1990-95 : 144

D.6 In case there is backlog of untrained teachers at elementary stage, please give the following information:-

- a) Total number of teachers in primary and middle schools/stages in 1986-87 : 1114
- b) Percentage of untrained teachers in (a) above : 64.63
- c) Number of untrained teachers in (a) above : 720
- d) Average annual targets for clearing backlog of untrained teachers assuming that it would be cleared by 1989-90 or in exceptional cases by 1992-93 and only trained teachers would be recruited in future:

- i) 1988-90 : 150
- ii) 1990-93

e) What steps are proposed to be taken to clear the back log of untrained teachers as indicated above; : Number of trainee will be increased and accordingly additional staff will be posted.

c) In order to match actual pre-service intake as given in 'a' above with the estimated requirements of teachers as given in 'b' above, kindly give the future plans for all the ETTEs in the Distt. or Districts proposed to be covered by the DIET as permanent in the format given in part (c) of Item I of Annexure IX.

f. Estimation of In-service Training Requirements of the Distt(s)

Please give information on the points mentioned in Item J of Annexure IX.

PART-III

G. Please give information for the Distt(s) regarding (i) abstract of existing ETTEs, and (ii) three year plan for their closure/continuance and upgradation into DIET/ establishment of new DIET in the formats given in Part-III and IV of Annexure IX.

Name of District	Abstract of existing ETTEs	Three years Plan								
		Closure/Continuance			Upgradation			Establishment		
		87-88	88-89	89-90	87-88	88-89	89-90	87-88	88-89	89
1. Changlang	4	-	-	-	1	-	1	-	-	-
2. Tripura	-	-	-	-	-	-	-	-	-	-
3. Lohit	-	-	-	-	-	-	-	-	-	-
4. Dibang Valley	-	-	-	-	-	-	-	-	-	-

PART IV

BASIC DESIGN PROFORMA FOR THE DIET

This and the following parts are meant for preparation of detailed project proposals for setting up a DIET in a District. These have primarily been designed for upgradation of an existing ETI. In case proposals are to be prepared for establishment of a new DIET, these formats should be used with suitable modifications. It is suggested that the Task Force should visit the Institute to be upgraded or the place where a new DIET is to be established before filling up these two parts (IV and V)

H. BASIC INFORMATION

H.1 Name and address of the ETI proposed to be upgraded

- - Patodi-Bhikha-Chavan-Chandrapur - - - -

Ayachal Pradesh

H.2 In case a new DIET is to be established, its proposed location may be given _____

H.3 For detailed information on the Institute to be upgraded into DIET, copy of information received in the Institutional Profile (Annexure VIII) should be enclosed.

I. Examinations and Tests planned to be offered by the proposed DIET

I.1 Training Programmes

1) Pre-service Training Course

<u>Name of Course</u>	<u>Duration</u>	<u>Annual Intake</u>
Pre-service training course for fresh teachers	94 months	100

ii) Inservice courses and short term induction level courses:

Description	Proposed				Remarks
	Duration	Average No. of trainees per course	Approx. No. of Courses to be organised annually	Total No. of trainees to be covered every year.	
1	2	3	4	5	6
1. One month comprehensive course for Elementary school teachers	4 weeks	100	2	200	
2. Course for Resource Persons for organising various types of (decentralised) training programmes	2 weeks	30	2	60	
3. Course for Heads of Elementary schools/ school complexes etc.	3 weeks	30	2	60	
4. Courses for Adult Education and Non-formation Education staff:					
a) Induction level courses for A.E./N.F.E. Staff:-					
i) A.E. Instructors	3 weeks	30	1	30	
ii) A.E. Supervisors	3 weeks	30	1	30	
iii) N.F.E. Instructors	3 weeks	30	1	30	
iv) N.F.E. Supervisors	-	-	-	-	
b) Annual Orientation Courses for AE/NFE Staff					
i) A.E. Instructors	3 weeks	30	1	30	
ii) A.E. Instructors	3 weeks	30	1	30	
iii) N.F.E. Instructors	3 weeks	30	1	30	
iv) N.F.E. Supervisors	-	-	-	-	

6.* Short, Theme-Specific Courses

i) Curriculum and Evaluation

ii) Work Experience

iii) Computer and ET

iv) Others (pl. specify)

7. Others Courses/ Programmes

i) Orientation programme for community leaders and youth

3 days

1

30

ii) Others (pl. specify)

I.2 Extension Functions;

Workshop/Seminar of experts for developing teaching

Learning materials/aids etc. for A.E. & N.F.E.

Mass orientation of teachers under NPE 1986

I.3 Resource Functions: _____

I.4 Research Innovation and Project Experimentation (here, among other things, the Block/Village Cluster/Urban Area where DIET will carry out its innovative/research Projects, should also be indicated and basic information about such "Lab Area" given) _____

I.5 Other Activities (please specify) _____

J. Proposed Design for the DIET as it would look after it is fully STRENGTHENED/ESTABLISHED for Performing the functions and tasks listed I:

Branches/Units which the Institute will have	Name of post	Staff		Special equipment required for establishing the Branch/Unit, if any	Year in which branch/unit is to be established/strengthened		
		No.	Pay scale		1987-88	88-89	89-90
1	2	3	4	5	6	7	8
1. PSTE	Sr.Lecturer	1	Rs.2200-4000/-	1) S. Micro-computers with peripherals	1987-88	-	-
	Lecturer	7	2000-3500/-			-	-
2. ISPES	Sr.Lecturer	1	Rs.2200-4000/-	2) VCP and colour TV -2 Units	1987-88	-	-
	Lecturer	1	Rs.2000-3500/-			-	-
	UDC	1	Rs.1200-2040/-			-	-
3. P.M.	Sr.Lecturer	1	Rs.2200-4000/-	3) 8mm Film projector with stand and screen	-	-	1989-90
	Lecturer	1	Rs.2000-3500/-				
	Statistician	1	Rs.1640-2900/-				
4. DRV	Vice Principal	1	Rs.2200-4000/-	4) Video and 8MM Education films	-	-	-
	Lecturer	4	Rs.2000-3500/-				
	L.D.C.	1	Rs. 950-1500/-				
	Steno typist cum LDC	1	Rs. 950-1500/-				
5. ET	Sr.Lecturer	1	Rs.2200-4000/-	6) Radio receiver set	-	-	-
	Lecturer	1	Rs.2000-3500/-				
	Technician	1	Rs.1400-2600/-				
6. WE	Sr. Lecturer	1	Rs.2200-4000/-	7) Artificial Microphones	-	-	-
	Lecturer	1	Rs.2000-3500/-				
	Farm Asstt.	1	Rs.1400-2600/-				
7. CE	Sr.Lecturer	1	Rs.2200-4000/-	-	-	-	1988-89
	Lecturer	2	Rs.2000-3500/-				

1	2	3	4	5	6	7	8
8. Admn	Principal	1	Rs. 3000-4000/-		1987-88	1987-88	
	Office Supdt	1	Rs. 1640-2900/-				
	Accountant	1	Rs. 1400-2300/-				
	Steno Gr. III	1	Rs. 1200-2040/-				
	UDC	2	Rs. 1200-2040/-				
	LDC	2	Rs. 950-1500/-				
	Grade-IV	5	Rs. 750-940/-				

9. Other Units

a) Phy. Education

b) Library Librarian 1 Rs. 1640-2900/- 1987-88
 LDC 1 Rs. 950-1500/-

c) Hostel LDC 1 Rs. 950-1500/-

d) Other Lab Asstt. 2 Rs. 1200-2040/-

K. Land and Building Requirement

a) Requirement of Building

Description of Building	Details of Accommodation (e.g. No. and size of rooms etc.)	Built up Area	Remarks
1	2	3	4

Total: a) Ground floor

b) 1st floor

c) Total Area proposed for construction

570 Sqm

-

b) Requirement of Land for Non-Building Use:-

Nature of Use	Area Required	Remarks
1. Playgrounds	2 acres	already available with the institution.
2. Other open air activities	1 acres	
3. Horticulture & Gardening	5 acres	
4. Services (Roads, Water Supply, Sewerage etc.)	Available	
5. Others (pl. specify)	-	
Total:	8 acres.	

c) Total Requirement of Land for Building & Non Building purposes:-

- 10 acres.

PART V

L. THE PROJECT

L.1 NON-RECURRING EXPENDITURE

Item	Present Availability	Net Addition	Cost Per Unit (if applicable)	Proposed Year-wise Phasing								Remarks
				1987-88		1988-89		1989-90		Total		
				Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	2	3	4	5	6	7	8	9	10	11	12	13
1. Land Acquisition (to be funded entirely by the State/ UT)	Available											
2. Provision of Basic Amenities												
i) Water Supply Available												
ii) Electricity		12 fan	-	12 fan	8000/-	-	-	-	-	12 fan	8000/-	
iii) Waste Disposal												
iv) Telephone Available												
Total (2)		12 fan		12 fan	8000/-	-	-	-	-	12 fan	8000/-	

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1	2	3	4	5	6	7	8	9	10	11	12	13
3. Building Works												
a) Special Repairs to Existing Buildings Nil												
i) Total (a) *												
b) New Construction-												
i) Classrooms/Lecture Halls 5 room available 17,83,200/-												
ii) Rooms for Admn.use. 2 room available												
iii) Auditorium Available												
iv) Workshop/Labs. 3 room Available												
v) Library 1 room(available)												
vi) Hostel Available (80 capacity) 56,16,700/-												
vii) Staff Quarters												
Type No.												
Ten men Barrach 1 9,44,720/-												
a. III 3(available) 2 3,63,600/-												
b. II 6(-do-) 11 15,93,460/-												
c. I 10(-do-) 1 5,13,789/-												
d. V - 1 5,13,789/-												
e. IV - 23 61,73,959/-												
Total (b)												
Total (3 = (a+b))												
Total=1,69,89,400/-												

* For each proposed item of new construction, please indicate proposed built-up area, total cost, and also per square foot cost of construction, in the Remarks column.

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	1	2	3	4	5	6	7	8	9	10	11	12	13
4. Equipment													
i) Books		3500	6500	-	2000	0.75	2500	1.00	2000	0.90		2.65	
ii) Furniture						0.80	-	0.80	-	1.00		2.60	
iii) Phy.Edn./Sports Equipment						0.20		0.20	-	0.20		0.60	
iv) Lab. Equipment													
a. Science Lab						0.50		1.00		1.00		2.50	
b. Language Lab.						-		0.25		0.20		0.45	
c. Psycho.Lab.						-		0.20		0.15		0.35	
Total (iv)						0.50		1.45		1.35		3.30	
v) Workshop Equipment (Pl.specify)						0.10		0.05		0.05		0.20	
vi) Art/Music Equipment (Pl.specify)						0.10		0.10		0.10		0.30	
vii) Audio-Visual Aids													
a) Radio			2		2	0.02		-		-		0.02	
b) TV			2		2	0.25		-		-		0.25	
c) Slide Projector			2		1	0.08	1	0.08	1	0.08		0.16	
d) Film Projector			2		1	0.25	-	-	1	0.25		0.50	
e) Educational Films						0.25				0.25		0.50	
f) Educational Video Films						0.20		0.10		0.20		0.50	

(cont....)

	1	2	3	4	5	6	7	8	9	10	11	12	13
g) Other Audio visual Equipment (Pl. specify) Overhead projector			2		1	0.70	1	0.70	-	-		0.40	
						0.30	-	0.70				2.30	
viii) Computer	-	5	-	-	-	-	2	2.00	3	3.50	5	5.50	
ix) Other ET Equipment (Pl. specify)								0.50	-	-	-	0.50	
a) Office Equipment													
a. Typewriter		3	-	-	1	0.07	2	0.15	-	-	3	0.22	
b. Duplicator		2	-	-	1	0.25	1	0.25	-	-	2	0.50	
c. Others (Pl. specify)		1					1	1.10	-	-	1	1.10	
Total computer						0.37		1.50		0.50		1.80	
xi) Other Equipment (Pl. specify) L.S								0.50	-	0.50		1.00	
Total (4)						4.02		8.40		9.30		20.80	
Grand Total (L.1+2+3+4) (Excluding provision for land acquisitions which will be met by State/UT out of its resources)						4.18		93.36		9.30		105.76	

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(1) Staff

Existing Posts to be utilised with or without upgradation						Year-wise Additional Staff year-wise phasing			
Name of post	No	Present pay scale	If to be upgraded			1987-88			
			Designation	New pay	Additional annual exp. on upgradation	Name of posts	No	Pay scale	Estimated recurring expenditure on pay and allowances(2 months)
1	2	3	4	5	6	7	8	9	10
1. UDC	1	Rs.1200-2040/-	-	-	-	1. Admission Principal	1	Rs.3000-4500/-	7880/-
2. LDC	1	Rs. 950-1500/-	-	-	-	2. Supdt.(Office)	1	Rs.1640-2900/-	4256/-
3. Grade-IV	5	Rs. 750-940/-	-	-	-	3. Stenographer	1	Rs.1200-2040/-	3112/-
						4. UDC	2	Rs.1200-2040/-	6224/-
						5. LDC	2	Rs. 950-1500/-	5096 /-
						6. Grade-IV	5	Rs. 750-940/-	9730/-
						7. Lab Asstt.	2	Rs.1200-2040/-	6224/-
						<u>DRO</u>			
						8. Sr. Lecturer(VP)	1	Rs.2200-4000/-	5772/-
						9. Lecturer	4	Rs.2000-3500/-	21280/-
						10. LDC	2	Rs. 950-1500/-	5096/-
						<u>PST</u>			
						11. Sr. Lecturer	1	Rs. 2200-4000/-	5772/-
						12. Lecturer	7	Rs. 2000-350/-	37280/-

Proposed Additional Staff year-wise phasing

				Name of posts	No	Pay scale	Estimated recurring expenditure on pay and allowances (12 months)	
7	8	9	10	11	12	13	14	
				<u>W.E</u>				
				1. Sr. Lecturer	1	Rs.2200-4000/-	34632/-	
				2. Lecturer	1	Rs.2000-3500/-	31920/-	
				3. Farm Asstt.	1	Rs.1400-2600/-	21384/-	
<u>ISPES</u>				<u>CE</u>				
13.	Sr.Lecturer	1	Rs.2200-4000/-	5772/-				
14.	Lecturer	1	Rs.2000-3500/-	5320/-	4. Sr. Lecturer	1	Rs. 2200-4000/-	34632/-
15.	U.U.C.	1	Rs.1200-2040/-	3112/-	2. Lecturer	2	Rs. 2000-3500/-	63840/-
<u>Library</u>						Total	1,86,408/-	
16.	U.U.C.	1	Rs. 1200-2040/-	3112/-	1. Committed expenditure of the posts created during 1987-88(12 months)			8,05,788/-
17.	Librarian	1	Rs. 1400-2600/-	3564/-	II) TA/DA/Medical Etc.			50,000/-
<u>Hostel</u>						Grand Total	10,42,196/-	
18.	U.D.C.	1	Rs.1200-2040/-	3112/-				
<u>Physical Edn.</u>								
19.	P.T.I.	1	Rs.1400-2600/-	3564/-				
				Total : 1,44,938/-				

Contd.....

Recurring Expenditure (1) staff

Proposed Additional Staff year-wise phasing

1989-90

Posts proposed for creation				Total posts proposed for creation					
Name of posts	No.	Pay scale	Estimated recurring expenditure on pay allowances etc. (12 months)	Name of posts	No.	Pay scale	Estimated recurring expenditure on pay allowances etc.		
	15	18	17		18	19	20	21	22

<u>ET</u>				1. Principal	1	3000-4500/-			
1. Sr. Lecturer	1	Rs. 2200-4000/-	34632/-	2. Sr. Lecturer	7	2200-4000/-			
2. Lecturer	1	Rs. 2000-3500/-	31920/-	3. Lecturer	17	2000-3500/-			
3. Technician	1	Rs. 1400-2600/-	21384/-	4. Statistician	1	1640-2900/-			
				5. Technician	1	1400-2600/-			
				6. Farm Assgt.	1	1400-2600/-			
<u>P.M.</u>				7. P.T.I.	1	1400-2600/-			
1. Sr. Lecturer	1	Rs. 2200-4000/-	34632/-	8. Supdt.	1	1640-2900/-			
2. Lecturer	1	Rs. 2000-3500/-	31920/-	9. UDC	5	1200-2040/-			
3. Statistician	1	Rs. 1640-2900/-	25536/-	10. LDC	4	950-1500/-			
				11. Lab Assgt.	2	1200-2040/-			
				12. Steno	1	1200-2040/-			
				13. Grade-IV	5	750-940/-			
				14. Librarian	1	1400-2600/-			

Total: 1,80,024/-
=====

Rs. 2,84,44
24,50,354/-

(1) Committed expenditure of the 10,08,196/- posts created during 1987-88 and 1988-89.

(2) TA/DA/Medical etc. 75000/-

Grand Total : 12,63,220
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Contengies

Description of Items.	Year wise Estimated Expenditure			
	1987-88	1988-89	1989-90	Total
1	2	3	4	5
1. Subscription of News papers/ Journals	-	3880/-	4000/-	7880/-
2. Office expenses	70000/-	30000/-	35000/-	135000/-
3. Forms and stationary	5000/-	5000/-	5000/-	15000/-
4. Lab and workshop contengies	-	34000/-	30000/-	64000/-
5. Production and printing	-	35000/-	35000/-	70000/-
6. Other contengies' expenditure	-	5000/-	5000/-	10000/-
7. TA/DA to the teacher participants for different courses	-	535200/-	535200/-	1070400/-
Tota I II	75000/-	648080/-	649200/-	1372280/-
Grand Total(L.2)	219938/-	1690276/-	1912420/-	3822634/-

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Details of Contingent Expenditure

Subscription of Periodicals/News Papers

<u>Items</u>	<u>1987-88</u>	<u>1988-89</u>	<u>1989-90</u>
<u>Newspapers</u>			
1. Statemens.	-	390/-	400/-
2. Hindustan Times	-	390/-	400/-
3. Times of India	-	390/-	400/-
4. Telegraph	-	390/-	400/-
5. Assam Tribune	-	390/-	400/-
6. Hindustan (Hindi)	-	390/-	400/-
7. NabaBharat(Hindi)	-	390/-	400/-
<u>Periodicals</u>			
1. Sunday	-	260/-	265/-
2. India Today	-	156/-	165/-
3. Dharmayug	-	96/-	100/-
4. Illustrate weekly	-	96/-	100/-
5. Economic Times	-	96/-	100/-
6. Frontline	-	96/-	100/-
7. Sports World	-	240/-	250/-
Total	-	3530/-	3880/-

Details of TA/DA calculation of Training Course

Rates: TA&Journey DA ⊥ Rs.400/-
DA(Average) ⊥ RS. 60/-per day
for halts.

1. 220x28x60	= Rs. 3,36,000/-
2. 30x3x60	= Rs. 5,400/-
3. 60x21x60	= Rs. 75,000/-
4. 30x21x60	= Rs. 37,800/-
5. 30x21x60	= Rs. 37,800/-
6. 30x21x60	= Rs. 37,800/-
7. 20x4x60	= Rs. 4,800/-

Total **Rs. 5,35,200/-**

3. Office Expenses

<u>Items</u>	<u>Rate</u>	<u>Quantity</u>	<u>Total amount</u>
1. Type paper	28/-per ream	60 reams	1680/-
2. Duplicating paper	45/-per ream	100Reams	4500/-
3. File cover	100/-per 100	500 Nos	500/-
4. Stencil Paper	125/-per qr.	30 Qr.	3750/-
5. D.F.C.Paper	125/-per ream	20 reams	2500/-
6. Klaxakax envelop	8/-per 100	1000 nos	8000/-
7. Short hand Book	5/-each	20 Nos	100/-
8. Wood Pencil	12/-per doz	10 Dozs	120/-
9. Gum (700ml)	7/-each	10 Nos	70/-
10. Carbon (single)	60/-per pkts	20pkts	1200/-
11. File size envelop	2/- each	100 Nos	200/-
12. F.C.Paper	54/-per ream	20 reams . .	1080/- . .
13. Register(Bind)	Rs.		500/-
14. Sealing wax	9/- per pkt	15 pkts	135/-
15. Candle	3/- per pkt	15 pkts	45/-
16. Duplicating WATER ink	30/-per tube	30 tube	900/-
17. Ink (Red and Blue) (77ml)	25/-per bottle	10 bottle	250/-
18. Correcting Fluid	8/-per bottle	20 Nos	160/-
19. Pen stand with two pens	55/-per stand	25 Nos	1375/-
20. Stamp pad	10/-per pad	10 Nos	100/-
21. Stamp Ink	5/-per bottle	10 Nos	50/-
22. Staple machine	55/- each	5 Nos	275/-
23. Pin cushion	5/- each	25 Nos	125/-
24. Staple pin	4 per pkt	50 Pkts	200/-
25. Jetter Riffle	4/- each	100 Nos	400/-
26. Jetter Pen	8/- each	30 Nos	240/-
27. Table Glass	70/- each	25 Nos	1750/-
28. Table Brush	10/- each	15 Nos	150/-
29. Drinking Glass	5/- each	50 Nos	250/-

30. Water Filter	350/- each	10 Nos	3500/-
31. Door Mats	30/each	10 Nos	300/-
32. Calling Bell	20/- each	10 Nos	200/-
33. Waste paper Busket	12/- each	20 Nos	240/-
34. File Tray	18/- each	20 Nos	360/-
35. Foam cushion	60/- each	30 Nos	1800/-
36. File Board	170/- per 100,	500 Nos	850/-
37. Bucket	30/- each	10 Nos	300/-
38. Alpin	5/-per pkt.	30 Pkts	150/-
39. Gem clip	10/- Per pkt	10 Pkts	100/-
40. Type ribbon	15/- each	30 Nos	450/-
41. Tag	3/- Per	20 Nos	60/-
42. Postage stamp	L.S. bundle		15000/-
43. Miscellaneous /	L.S.		20913/-

Total Rs. 67148/-
Say 70,000/-

ANNEXURE X

D IS TRICT LEVEL PROFORMA FOR FORMULATING PROJECTS
FOR ESTABLISHMENT OF DIETS

* PART I : BASIC INFORMATION

A. Basic Statistics :

A.1 Name of the District Changlang

A.2 Population (1981) i) Total 6221
ii) Percentage of a) SC 0.24
b) ST 36.02

A.3 Number of Blocks 2

A.4 Literacy Rate (1981) Male 32.87
Female 12.08
Overall 23.42

A.5 Number of Institutions in 1986-87

Type of Schools/ Institutions	No. of Institutions managed By			Number of Institutions exclusively for Girls out of those in Col.4	
	Govt.	Non-Govt.	Total		
1	2	3	4	5	
i) Primary Schools/ Sections	89 22	} 111	2	113	-
ii) Middle (Upper Primary) Schools/ Sections	16 7		23	-	23
<hr/>					
Total Elementary Schools (i)+(ii)	134	2	136	-	

* In case a DIET will serve more than one district on a long term basis, Please fill-up this part i.e. Basic Statistics, in such a manner as to give information in respect of every district which the DIET will so serve.

iii) Non-formal Education Centres	6	-	6	-
iv) Adult Education Centres	116	-	116	-

A.6 Enrolment Trends

	1986-87	1989-90 (7th Plan Targets)	1994-95 (Proposed/ contemplated. 8th plan Targets)
--	---------	----------------------------------	--

a. Enrolment in Schools

i) I-V Classes	8820	9985	12685
ii) VI-VIII Classes	1744	2210	3260
iii) I-VIII Classes (i+ii)	10564	12195	15945

b. Learners in Non-formal Education System

i) Primary	180	300	500
ii) Middle/Upper Primary	-	130	200
iii) Total (i+ii)	180	430	700

**c* Gross Enrolment Ratios (G.E.R)
(in percentage)**

i) 6-11 years	73.5	74.03	99.88
ii) 11-14 years	38.75	44.2	54.33
iii) 6-14 years	64.02	76.62	83.65

d. Learners in Adult Education System 2387

A.7 Number of Teachers/Instructors (1986-87)

<u>No. of Teachers/Instructors</u>				
	Govt.	Non-Govt.	Total	
	Insti-	Institutions		
	tutions			

a.	Primary Schools/Sections	246	10	256
b.	Middle Schools/Sections	83	-	83
		329	10	339
Total for Elementary Schools (a+b)				

c.	N.F.E. Instructors	6	-	6
d.	A.E. Instructors	116	-	116

* C.E.R. means percentage of enrolment in formal and non-formal education systems to the total estimated population of children in respective age-groups .

A.8 Teacher/Pupil Ratios (1986-87)

a.	Primary Schools/Sections	<u>1:35</u>
b.	Middle School/Sections	<u>1:21</u>

Overall ratio for Elementary Schools		1:31

c.	N.F.E. Centres	<u>1:30</u>
d.	A.E. Centres	<u>1:20</u>

A.9 Existing Elementary Teachers Training Institutions (ETIs) in the District (1987-88)

Category	No. of	Annual Intake
	<u>Institutions</u>	Capacity of Pre-
		Total For Girls-service Trainees

1	2	3	4
i) Govt.	1	-	100
ii) Non-Govt. aided	-	-	-
iii) Non-Govt. unaided	-	-	-
Total	1	-	100

A.10	No. of Primary & Middle School in the District having facilities for :	<u>In the year</u>	
		1986-87	1989-90 (7th Plan Target)
a)	Radio	_____	_____
b)	TV	_____	_____
c)	Other audio visual equipment	_____	_____
d)	Instructional Computer Facility	_____	_____
A.11	Present and proposed coverage of educational (radio) broadcasts and telacasts	_____	_____

B.) Preparation of District Map

Please prepare a district map where DIET is to be located indicating block boundaries, location of primary and middle schools, ETTIs and proposed DIET .

C. Expenditure on Teacher Education Programmes in the District.

Item	Actual Expenditure			Estimated Expenditure
	1984-85	1985-86	1986-87	1987-88
a) <u>Recurring</u>				
1. Pay and Allowances.	347595/-	364598/-	499036/-	536989/-
2. Pre-service programmes	-	-	-	-
3. In-service programmes	-	-	-	-
4. Other contingencies/programmes/activities	3300/-	8562/-	12186/-	20000/-
5. Grants to Non-govt institutions.	-	-	-	-
6. Other items (Please specify)	O.E. 66164/-	35979/-	44972/-	40000/-
	O.C. 14970/-	62421/-	57354/-	50000/-
	T.E. 3120/-	3553/-	9928/-	13500/-
Total Recurring(a)	375601/-	475113/-	573476/-	660489/-
b) <u>Non-recurring</u>				
(Please specify items)	Nil			
Total (b)				
c) Grand Total((a+b)	375601/-	475113/-	573476/-	660489/-

PART -II *

**PLAN FOR MEETING PRE-SERVICE AND IN -SERVICE
TRAINING REQUIREMENTS OF THE DISTRICT**

D. **Present and future requirements of teachers for elementary education and annual intake capacity of pre-service trainees of existing ETTEs :**

D.1 Kindly work out estimated annual requirements of Teachers for elementary education as per the methodology suggested in part I of Annexure VIII and attach with this proforma .

D.2 Kindly indicate the estimated average annual requirement of teachers at elementary stage according to Step 2 (2.3), Step 3 (3.3) and step 4 of Part I , Annexure VIII :

Year	Average Annual Requirement of Teachers		
	For additional enrolment	On account of attrition	Total
1	2	3	4
1. From 1987-90	28	11	39
2. From 1990-95	33	13	46

D.3 What is the number of posts actually created for elementary education i.e. , primary and upper primary levels of education from 1984-85 onwards :

1984-85	-
1985-86	27
1986-87	63
1987-88	-

Average No. of posts created during 1984-88 45

* This part should also give data for all the districts which a DIET will serve on a long term basis .

D.4 In case the average annual estimated demand of teachers for additional enrolment as given in Col.2 of Item D.2 above exceeds the average annual number of posts created during 1984-88 given in item D.3 above by more than 25 % of the latter is it necessary to work out a more realistic picture , by reducing the former ? If so, kindly given the changed figures for :

- a) 1987-90 _____
- b) 1990-96 _____

D.5 In case some changes are made in item D.4, what would be revised annual requirements of teachers for fixing in-take for elementary teacher training institutions after adding annual requirements on account of attrition given in Col.3 of item D.2

- a) 1987-90 39
- b) 1990-95 _____ 46 _____

D.6 In case there is backlog of untrained teachers at elementary stage, please given the following information :

- a) Total number of teachers in primary and middle Schools/ stages in 1986-87 339
- b) Percentage of untrained teachers in (a) above 67.84
- c) Number of untrained teachers in (a) above 230
- d) Average annual targets for clearing backlog of untrained teachers assuming that it would be cleared by 1989-90 or in exceptional cases by 1992-93 and only trained teachers would be recruited in future :
 - a) 1988-90 _____
 - b) 1990-93 _____

- e) What steps are proposed to be taken to _____
 clear the backlog of untrained teachers _____
 as indicated above :

D.7 In case there are unemployed trained elementary school teachers in the Distt. , the following information be given :

- a) Number of unemployed trained qualified teachers registered in employment exchange for elementary education

Year : Nil No. _____

- b) Is it possible to provide employment to these persons by 1989-90 or so ? If so indicate likely yearwise figures :

1987-88

1988-89 Does not arise

1989-90

E. Plan for matching pre-service intake capacity of WIIIs, with estimated requirements of trained teachers

- a) The present position :

	Govt. Institutions	Non-Govt. Aided Insts.	Non-Govt. Unaided Insts.	All Inst.
i) Present number	1	-	-	1
ii) Present annual intake of pre-service trainees	100	-	-	100

- b) Estimated Annual Requirement of Teachers according to Item D.2/D.5

i) 1987-90	<u>39</u>
ii) 1990-95	<u>46</u>

c) In order to match annual pre-service intake as given in 'a' above with the estimated requirements of teachers as given in 'b' above , kindly give the future plans for all the ETTUs in the Distt. or Districts proposed to be covered by the DIET on permanent in the format given in part (c) of Item I of Annexure IX .

F. Estimation of In-service Training Requirements of the Distt(s)

Please give information on the points mentioned in Item I of Annexure IX .

PART III

G. Please give information for the Distt(s) regarding (i) a bstract of existing ETTIs; and (ii) 'three year plan' f or their closure/continuance and upgradation into DIET/ Establishment of new DIET in the formats given in Part III and IV of Annexure IX .

ANNEXURE X

DISTRICT LEVEL PROFORMA FOR FORMULATING PROJECTS
FOR ESTABLISHMENT OF DIETs

* PART I : BASIC INFORMATION

A. Basic Statistics :

- A.1 Name of the District Tirap
- A.2 Population (1981) i) Total 66439
 ii) Percentage of a) SC 0.10
 b) ST 53.14
- A.3 Number of Blocks 3
- A.4 Literacy Rate (1981) Male 22.64
 Female 7.52
 Overall 15.49

A.5 Number of Institutions in 1986-87

Type of Schools/ Institutions	<u>No. of Institutions managed by</u>			Number of Institutions exclusively for Girls out of those in Col.4	
	Govt.	Non-Govt.	Total		
	1	2	3	4	5
1) Primary Schools/ Sections	101 17	} 118	3	121	1(section)
ii) Middle (Upper Primary) Schools/ Sections	13 5		} 18	2	20
	<u>Total Elementary Schools</u>	<u>5</u>		<u>141</u>	<u>1</u>
	(i)+(ii)				

* In case a DIET will serve more than one district on a long term basis, please fill-up this part i.e. Basic Statistics, in such a manner as to give information in respect of every district which the DIET will so serve.

iii) Non-formal Education Centres	8	-	8	-
iv) Adult Education Centres	160	-	160	-

A.6 Enrolment Trends

	1986-87	1989-90 (7th plan Targets Targets)	1994-95 (proposed/ contemplated 8th plan I-targets)
a. Enrolment in Schools			
i) I-V Classes	7032	8475	10315
ii) VI-VIII Classes	1204	1565	2390
iii) I-VIII Classes (i+ii)	8236	9540	12705
b. Learners in Non-formal Education System			
i) Pr-imary	240	200	500
ii) Middle/Upper Primary	-	120	200
iii) Total (i+ii)	240	320	700
c* Gross Enrolment Ratios (G.E.R) (in percentage)			
i) 6-11 years	58.6	87.4	93.8
ii) 11-14 years	26.75	30.9	39.85
iii) 6-14 years	49.91	54.11	74 %
d. Learners in Adult Education System		1525	

A.7 Number of Teachers/Instructors (1986-87)

	<u>No. of Teachers/Instructors</u>		
	Govt. Insti- tutions	Non-Govt. Institution	Total
a. Primary Schools/Section	171	9	180
b. Middle Schools/Sections	57	6	63
	228	15	243
Total for Elementary Schools (a+b)			
c. N.F.E. Instructors	8	-	8
d. A.E. Instructors	160	-	160

* G.E.R. means percentage of enrolment in formal and non-formal education systems to the total estimated population of children in respective age-groups.

A.8 Teacher/Pupil Ratios (1986-87)

a. Primary Schools/Sections	1:39
b. Middle Schools/Sections	1:20

Overall ratio for
Elementary Schools 1:33

c. N.F.E. Centres	1:30
d. A.E. centres	1:10

A.9 Existing Elementary Teachers Training Institutions (ETIs) in the District (1987-88)

Category	No. of Institutions	Annual Intake Capacity of pre-service Trainees
I	2	3
		4

- i) Govt.
- ii) Non-Govt. aided Nil
- iii) Non-Govt. unaided

A.10	No. of Primary & Middle Schools in the District having facilities for :	In the year	
		1986-87	1989-90 (7th plan Target)
a)	Radio	_____	_____
B)	TV	_____	_____
c)	Other audio visual equipment	_____	_____
d)	Instructional Computer Facility	_____	_____

A.11 Present and proposed coverage of educational (radio) broadcasts and telecasts

B. Preparation of District Map

Please prepare a district map where DIET is to be located indicating block boundaries, location of primary and middle schools, ETTEs and proposed DIET.

C. Expenditure on Teacher Education Programmes in the Dist.

Item	<u>Actual Expenditure</u>			Estimated Expenditure
	1984-85	1985-86	1986-87	
-----	-----	-----	-----	-----

a) Recurring

1. Pay and Allowances Nil
2. Pre-service programmes Nil
3. In-service programmes Nil
4. Other contingencies/ programmes/activities
5. Grants to Non-Govt. Institutions .
6. Other items (please specify)

Total Recurring (a)

b) Non-recurring
 (Please specify items) Nil

 Total (b) Nil
 c) Grand Total Nil
 (a+b)

PART -II*

PLAN FOR MEETING PRE-SERVICE AND IN-SERVICE TRAINING REQUIREMENTS OF THE DISTRICT.

D. Present and future requirements of teachers for elementary education and annual intake capacity of pre-service trainees of existing ETTIs.

D.1 Kindly work out estimated annual requirements of Teachers for elementary education as per the methodology suggested in Part I of Annexure VIII and attach with this proforma .

D.2 Kindly indicate the estimated average annual requirement of teachers at elementary stage according to Step 2 (2.3) , step 3 (3.3) and step 4 of part I, Annexure VIII :

Year	Average Annual Requirement of teachers		
	For additional enrolment	On account attrition	Total
1	2	3	4
1. From 1987-90	19	8	27
2. From 1990-95	22	9	31

D.3 What is the number of posts actually created for elementary education i.e. , primary and upper primary levels of education from 1984-85 onwards :

1984-85	
1985-86	40
1986-87	68
1987-88	
Average No. of posts created during 1984-88	54

* This part should also give data for all the districts which a DIET will serve on a long term basis .

D.4 In case the average annual estimated demand of teachers for additional enrolment as given in Col. 2 of Item D.2 above exceeds the average annual number of posts created during 1984-88 given in item D.3 above by more than 25 % of the latter is it necessary to work out a more realistic picture , by reducing the former ? If so , kindly given the changed figures for :

a) 1987-90 _____

b) 1990-95 _____

D.5 In case some changes are made in item D.4, what would be revised annual requirements of teachers for fixing in-take for elementary teacher training institutions after adding annual requirements on account of attrition given in col. 3 of item D.2.

a) 1987-90

27

b) 1990-95

31

D.6 In case there is backlog of untrained teachers at elementary stage, please give the following information:

a) Total number of teachers in primary and middle schools stages. - 243.

b) Percentage of untrained teachers - 62.55
in (a) above

c) Number of untrained teachers in (a) - 152
above

d) Average annual targets for clearing backlog of untrained teachers assuming that it would be cleared by 1989-90 or in exceptional case by 1992-93 and only trained teachers would be required in future :

a) 1988-90 _____

b) 1990-93 _____

e) What steps are proposed to be taken to clear the backlog of untrained teachers as indicated above.

D.7 In case there are unemployed/trained elementary teacher in the district the following information be given:

a) Number of unemployed trained qualified teachers registered in employment exchange for elementary education

Year: _____ Nil _____ NO.: _____

b) Is it possible to provide employment to these persons by 1989-90 or so? If so indicate likely yearwise figures:

1987-88

1988-89 Does not arise.

1989-90

E. Plan for matching pre-service intake capacity of ETIs, with estimated requirements of trained teachers.

a) The present position:

	Govt. Institution	Non.Govt. Aided Insys.	Non.Govt. Unaided Insts.	All Inst.
i) Present number	34	-----	-----	-----
ii) Present annual intake of Pre-service Trainees	34	-----	-----	-----

b) Estimated Annual Requirements of Teachers according to Item D.2/D.5

- 1) 1987-90 - 27
- ii) 1990-95 - 31

c) In order to match annual pre-service intake as given in 'a' above with the estimated requirements of teachers as given in 'b) above, kindly give the future plans for all the ETIs in the Distt. or Districts proposed to be covered by the DIET on permanent in the format given in part (c) of Item I of Annexure IX.

F. Estimation of In-service Training Requirements of the Distt(s)

Please give information on the points mentioned in Item J of Annexure IX.

PART III

G. Please give information for the Distt(s) regarding (i) abstract of existing DTIs, and (ii) three year plan for their closure/continuance and upgradation into DIET/Establishment of new DIET in the formats given in part III and IV of Annexure IX.

ANNEXURE X

DISTRICT LEVEL PROFORMA FOR FORMULATING PROJECTS FOR ESTABLISHMENT OF DIETs

* PART I : BASIC INFORMATION

A. Basic Statistics :

- A.1 Name of the District Lehit
- A.2 Population (1981) i) Total 69498
 ii) Percentage of a) SC 1.31
 b) ST 43.35
- A.3 Number of Blocks 5
- A.4 Literacy Rate (1981) Male 36.63
 Female 17.54
 Overall 28.26
- A.5 Number Institutions in 1986-87

Types of Schools/ Institutions	<u>No. of Institutions managed by</u>			Number of Institutions exclusively for Girls out of those in Col 4	
	Govt.	Non.Govt.	Total		
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	
i) Primary Schools/Sections	98) 24)	122	4	126	1
ii) Middle(Upper Primary Schools/Sections	16) 9)	25	1	26	-
<hr/>					
Total Elementary Schools (i)+(ii)		147	5	152	1

* In case a DIET will serve more than one district on a long term basis , Please fill-up this part i.e. Basic Statistics , in such a manner as to give information in respect of every district which the DIET will so serve.

iii) Non-formal Education

Centres 8 - 8

iv) Adult Education

Centres 157 - 157

A.6 Enrolment Trends

	1986-87	1989-90 (7th plan Targets Targets)	1994-95 (Proposed/ contemplated 8th plan Targets)
a. Enrolment in Schools			
i) I-V Classes	9554	11250	13530
ii) VI-VIII Classes	2092	2600	3775
iii) I-VIII Classes (i+ii)	11646	13850	17305
b. Learners in Non-formal Education System			
i) Primary	240	300	600
ii) Middle/Upper Primary	-	100	200
iii) Total (i+ii)	240	400	800
c* Gross Enrolment Ratios (G.E.R) (in percentage)			
i) 6-11 years	83.07	83.07	95.61
ii) 11-14 years	46.48	50.00	56.25
iii) 6-14 years	72.78	74.00	83.18
d. Learners in Adult Education System - 4268			

A.7 Number of Teachers/Instructor (1986-87)

	No. of Teachers/Instructors		
	Govt. Insti- tutions	Non-Govt. Insti- tutions	Total
a. Primary Schools/Sections	268	20	288
b. Middle Schools/Sections	62	4	66
Total for Elementary Schools (a+b)	330	24	354

PART II*

**PLAN FOR MEETING PRE-SERVICE AND IN-SERVICE
TRAINING REQUIREMENTS OF THE DISTRICT**

D. Present and future requirements of teachers for elementary education and annual intake capacity of pre-service trainees of existing ETIs :

D.1 Kindly work out estimated annual requirements of Teachers for elementary education as per the methodology suggested in Part I of Annexure VIII and attach with this proforma .

D.2 Kindly indicate the estimated average annual requirement of teachers at elementary stage according to Step 2(2.3) Step 3 (3.3) and Step 4 of part I , Annexure VIII :

Year	Average Annual Requirement of Teachers		
	For additional enrolment	On account of attrition	Total
1	2	3	4
1. From 1987-90	35	11	46
2. From 1980-95	31	13	44

D.3 What is the number of posts actually created for elementary education i.e., Primary and upper Primary levels of education from 1984-85 onwards :

1984-85	
1985-86	60
1986-87	77
1987-88	-

Average No. of posts created during 1984-88 68

* This part should also give data for all the districts which a DIET will serve on a long term basis .

D.4. In case the average annual estimated demand of teachers for additional enrolment as given in Col.2 of Item D.2 above exceeds the average annual number of posts created during 1984-88 given in item D.3 above by more than 25 % of the latter is it necessary to work out a more realistic picture, by reducing the former? If so, kindly give the changed figures for:

a) 1987-90 _____

b) 1990-95 _____

D.5 In case some changes are made in item D.4, what would be revised annual requirements of teachers for fixing in-take for elementary teacher training institutions after adding annual requirements on account of attrition given in Col. 3 of item D.2.

a) 1987-90 46

b) 1990-95 44

D.6 In case there is backlog of untrained teachers at elementary stage, please give the following information.

a) Total number of teachers in primary and middle schools/stage in 1986-87 354

b) Percentage of untrained teachers in (a) above 59.03

c) Number of untrained teachers in (a) above 209

d) Average annual targets for clearing backlog of untrained teachers assuming that it would be cleared by 1989-90 or in exceptional cases by 1992-93 and only trained teachers would be recruited in future:

a) 1988-90 _____

b) 1990-93 _____

e) What steps are proposed to be taken to clear the backlog of untrained teachers as indicated above : _____

D.7 In case there are unemployed trained elementary school teachers in the Distt., the following information be given :

a) Number of unemployed trained qualified teachers registered in employment exchange for elementary education :

Year : Nil No. Nil

b) Is it possible to provide employment to these persons by 1989-90 or so? If so indicate likely yearwise figures :

1987-88
 1988-89 Does not arise
 1989-90

E. Plan for matching pre-service intake capacity of HTIs, with estimated requirements of trained teachers

a) The present position :

	Govt. Institutions	Non-Govt. Aided Insts.	Non-Govt Unaided Insts.	All Inst.
1) Present number	_____	_____	_____	_____
ii) Present annual intake of pre-service Trainees	_____	_____	_____	_____

b) Estimated Annual Requirement of Teachers according to Item D.2/D.5

1) 1987-90	<u>46</u>
ii) 1990-95	<u>44</u>

c) In order to match annual pre-service intake as given in 'a' above with the estimated requirements of teachers as given in 'b' above , kindly give the future plans for all the ETIs in the Distt. or Districts proposed to be covered by the DIET on permanent in the format given in part (c) of Item I of Annexure IX ;

F) Estimation of In-service Training Requirements of the Distt(s)

Please give information on the points mentioned in Item II of Annexure IX #

PART III

G) Please give information for the Distt(s) regarding (i) abstract of existing ETIs , and (ii) three year plan for their closure/continuance and upgradation into DIET/ Establishment of new DIET in the formats given in part III and IV of Annexure IX #

ANNE XURE X

DISTRICT LEVEL PROFORMA FOR FORMULATING PROJECTS
FOR ESTABLISHMENT OF DIETS

* PART I : BASIC INFORMATION

A. Basic Statistics :

A.1 Nama of the District Dibang Valley
 A.2 Population (1981) i) Total 30968
 ii) Percentage of a) SC 0.51
 b) ST 48.56

A.3 Number of Blocks 3

A.4 Literacy Rate (1981) Male 34.74
 Female 13.49
 Overall 26.28

A.5 Number of Institutions in 1986-87

Types of Schools/ Institutions	No. of Institutions managed by			Number of Institutions exclusively for Girls out of those in Col.4	
	Govt.	Non-Govt.	Total		
1	2	3	4	5	
1) Primary Schools/ Sections	42) 17)	59	1	60	-
ii) Middle (Upper Primary) Schools/ Sections	13) 5)	18	-	18	-
Total Elementary Schools (i)+(ii)	77	1	78	-	

* In case a DIET will serve more than one district on a long term basis, please fill -up this part i.e. Basic Statistics, in such a manner as to given information in respect of every district which the DIET will so serve .

iii) Non-formal Education Centres	6	-	6	-
iv) Adult Education Centres	63	-	63	-

A.6 Enrolment Trends

	1986-87	1989-90 (7th plan Targets)	1994-95 (proposed/ Contemplate 8th Plan Targets)
--	---------	----------------------------------	---

a. Enrolment in Schools

i) VI-VIII Classes	3917	4567	6047
ii) VI-VIII Classes	808	1088	1638
iii) I-VIII Classes (i+ii)	4725	5655	7685

b. Learners in Non-formal Education System

i) Primary	180	300	400
ii) Middle/Upper Primary	-	100	200
iii) Total (i+ii)	180	300	600

**c* Gross Enrolment Ratios (G.E.R)
(in percentage)**

i) 6-11 years	87.04	85.34	91.76
ii) 11-14 years	26.96	27.65	29.28
iii) 6-14 years	63	63.43	63.65

d. Learners in Adult Education System 647

A.7 Number of Teachers/Instructors (1986-87)

	No. of Teachers/Instructors		
	Govt. Institutions	No. Govt. Institutions	Total
a. Primary Schools/Sections	130	5	135
b. Middle Schools/Sections	43	-	43
Total for Elementary Schools (a+b)	173	5	178

- c) Other audio visual equipment _____
 - d) Instructional Computer Facility _____
- A.11 Present and proposed coverage of educational (radio) broadcast and telecasts _____

B. Preparation of District Map

Please prepare a district map where DIET is to be located indicating block boundaries, location of primary and middle schools, ETIs and proposed DIET.

C. Expenditure on Teacher Education Programs in the Distt.

Item	Actual Expenditure			Estimated Expenditure
	1984-85	1985-86	1986-87	1987-88

a) Recurring

- 1. Pay and Allowances
- 2. Pre-service programmes
- 3. In-service programmes N I L
- 4. Other contingencies/ programmes/activities
- 5. Grants to Non-govt. Institutions .
- 6. Other items (Please specify)

Total Recurring (a)

b) Non-recurring

(Please specify item)

Total (b)

c) Grand Total (a+b)

PART II*

PLAN FOR MEETING PRE-SERVICE AND IN-SERVICE
TRAINING REQUIREMENTS OF THE DISTRICT

- D. Present and future requirements of teachers for elementary education and annual intake capacity of pre-service trainees of existing ETIs :
- D.1 Kindly work out estimated annual requirements of teachers for elementary education as per the methodology suggested in Part I of Annexure VIII and attach with this proforma .
- D.2 Kindly indicate the estimated average annual requirement of teachers at elementary stage according to Step 2(2.3) Step 3 (3.3) and step 4 of part I, Annexure VIII :

Year	Average Annual Requirement of Teachers		
	For additional enrolment	On account of attrition	Total
1	2	3	4
1. From 1987-90	14	6	20
2. From 1990-95	16	7	23

- D.3 What is the number of posts actually created for elementary education i.e. primary and upper primary levels of education from 1984-85 onwards :

1984-85	
1985-86	42
1986-87	38
1987-88	-

Average No. of Posts
created during 1984-88 40

- * This part should also give data for all the districts which a DIET will serve on a long term basis .

D.4 In case the average annual estimated demand of teachers for additional enrolment as given in Col.2 of Item D.2 above exceeds the average annual number of posts created during 1984-88 given in item D.3 above by more than 25 % of the latter is it necessary to work out a more realistic picture , by reducing the former ? If so , kindly given the changed figures for :

- a) 1987-90 _____
- b) 1980-95 _____

D.5 In case some changes are made in item D.4, what would be revised annual requirements of teachers for fixing intake for elementary teacher training institutions after adding annual requirements on account of attrition given in Col. 3 of item D.2 .

- a) . 1987-90. 20
- b) 1990-95 23

D.6 In case there is baklog of untrained teachers at elementary stage , please give the following information :

- a) Total number of teachers in primary and middle schools/ stages in 1986-87 178
- b) Percentage of untrained teachers in (a) above 72.47
- c) Number of untrained teachers in (a) above 129
- d) Average annual targets for clearing blocklog of untrained teachers assuming that it would be clered by 1989-90 or in exceptional cases by 1992-93 and only trained teachers would be recruited in future :
 - a) 1988-90 _____
 - b) 1990-93 _____

a) What steps are proposed to be taken to clear the backlog of untrained teachers as indicated above : _____

D.7 In case there are unemployed trained elementary school teachers in the Distt. , the following information be given :

a) Number of unemployed trained qualified teachers registered in employment exchange for elementary education

Year Nil No.

b) Is it possible to provide employment to these persons by 1989-90 or so ? If so indicate likely yearwise figures :

..... 1987-88.
 1988-89 Does not arise
 1890-90

E. Plan for matching pre-service intake capacity of EIIIs , with estimated requirements of trained teachers

a) The present position :

	Govt. Insti-tutions	Non-Govt. Aided Insts.	Non-Govt. Unaided Inets.	All Inst.
i) Present number	_____	_____	_____	_____
ii) Present annual intake of pre-service trainees	_____	_____	_____	_____

b) Estimated Annual Requirement of Teachers according to to Item D.2/D.5

i) 1987-90	<u>120</u>
ii) 1990-95	<u>1323</u>

- c) In order to match annual pre-service intake as given in 'a' above with the estimated requirements of teachers as given in 'b' above , kindly give the future plans for all the ETTEs in the Distt. or Districts proposed to be covered by the DIET on permanent in the format given in part (c) of Item I of Annexure IX.

F. Estimation of In-service Training Requirements of the Distt(s)

Please give information on the points mentioned in Item J of Annexure IX .

PART III

- G. Please give information for the Distt(s) regarding (i) abstract of existing ETTEs, and (ii) three year plan for their closure/continuance and upgradation into DIET/ Establishment of new DIET in the formats given in part III and IV Annexure IX .

ANNEXURE VIII

Suggested Methodology for Estimation of Average Annual requirements of Teachers for Elementary Schools and of Instructors and Supervisors For Adult and Non-formal Education who would need to be recruited .

Part -I Average Annual Requirement of Elementary School Teachers .

Steps	I-V (Primary)	VI-VIII (Middle)	I-VIII (Elementary)
1	2	3	4

1st Step Additional Enrolment :

1.1	Enrolment in 1986-87	91482	21339	112821
1.2	Estimated Enrolment in 1989-90 (As per 7th plan target especially of complete coverage of children 6-11 age-group) .	104000	30000	134000
1.3	Enrolment in 1994-95 (Proposed Target of 8th plan especially in the light of complete coverage of children in 6-14 age-group)	122000	40000	162000
1.4	Estimated additional Enrolment during			
	a) 1987-90 (1.2-1.1)	12518	8661	21179
	b) 1990-95 (1.3-1.2)	18000	10000	38000
1.5	Out of the above estimated enrolment portion expected to be covered under the non-formal system :			
	a) Coverage as a percentage of 1.4			
	i) 1987-90	24	11.5	18.8
	ii) 1990-95	33 %	30	24

b) Coverage in numerical terms out of 1.4			
1) 1987-90	3000	1000	4000
ii) 1990-95	6000	3000	9000

1.6 Estimated net additional enrolment in formal education system i.e. in school during :

a) 1987-90	<u>I-V</u>	<u>VI-VIII</u>	<u>I-VIII</u>
(1.4)(a)-(1.5)(b) (i)	9518	7661	17179
b) 1990-95			
(1.4)(b)-(1.5)(b) (ii)	12000	7000	19000

2nd Step Requirement of Teachers for Additional Enrolment under formal system :

2.1 Teacher pupil Ratios

a) 1986-87 (Actuals)	1:33	1:24	1:31
b) 1987-90 (as per 7th plan norms)	1:30	1:20	1:25
c) 1990-95 (as per State norms or 7th plan norms)	1:30	1:20	1:25

2.2 Estimate Requirement of teacher for additional enrolment under formal system .(By dividing additional enrolment given in (1.6) by T:P Ratio given in 2.1 for respective years :

a) during 1987-90	317	383	700
b) 1990-95	400	350	750

2.3 Estimated average annual requirement of teachers for additional enrolment (by dividing the No. of additional Teachers given in 2.2(a) for 1987-90 by three and that for 1990-95 given in 2.2(b) by five

a) during 1987-90	105	127	232
b) 1990-95	80	70	150

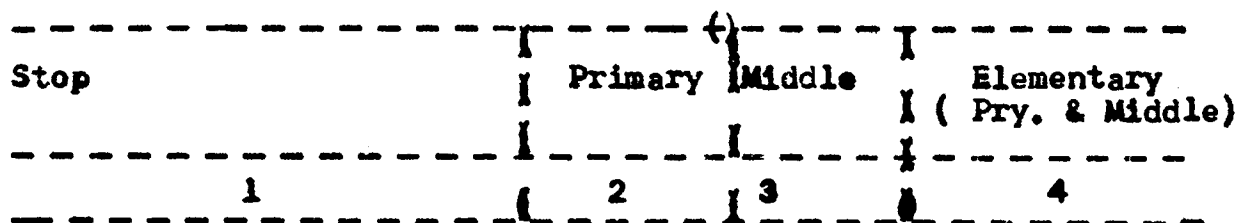
3rd Step Requirement of Teachers on account of attrition (death, resignation retirement) etc.

	<u>I-V</u>	<u>VI-VIII</u>	<u>I-VIII</u>
3.1 Total number of lecture (1986-87)	2756	908	3664
3.2 Assumption about percentage annual attrition rate of teachers (actual based on average of last three years or in the absence of actual data 2% of total)	7 %	7 %	7 %
3.3 Estimated average annual requirement of teachers on account of attrition as per rate assumed in 3.2 on total number of teachers in 1986-87	193	63	256

4th Step Estimated total average annual requirement of Teachers :

4.1 During 1987-90 (2.3 (a) + 3.3)	298	190	488
4.2 During 1990-95 (2.3 (b) + 3.3)	273	133	406

Part II Average Annual Requirement of Instructors and Supervisors for Non-formal Education :



**1st Step Enrolment under :
Non-formal Education :**

1.1 Enrolment in NEF in 1986-87	2160	-	2160
---------------------------------	------	---	------

1.2 Put of total estimated additional enrolment during 1987-95 ,estimated additional enrolment under NFE in accordance with item 1.5 in part I above .

a) during 1987-90	3000	1000	4000
b) during 1990-95	6000	3000	9000

1.3 Estimated average annual additional enrolment under NFE during :

a) 1987-90 (by dividing by 3, item No.1.2 (a) above ,	1000	330	1330
b) 1990-95 (by dividing by 5, item No.1.2 (b) above ,	1200	600	1800

2nd Step Estimated Requirement of Instructors :

2.1 a) 1986-87 (actual)	1:30	-	1:30
b) during 1987-90 (as per state 7th plan or central Schem norms)	1:20	1:20	1:20
c) during 1990-95 (as per state 7th plan or central scheme norms)	1:15	1:15	1:15

2.2 Estimated Annual Requirement of Instructors :

a) Actual No. of Instructors in 1986 1986-87	72	-	72
b) Estimated Annual requirement during 1987-90 (by dividing item 1.3(a) by I:P Ratio given in item 2.1(b)	50	17	67
c) Estimated Annual Requirement during 1990-95 (By dividing item 1.3(b) by I:sp Ratio given in item 2.1(c)	80	40	120

3rd Step Estimated Requirement of Supervisor :

3.1 Supervisor - Instructor Ratio :

- a) 1986-87 (actual) - Nil
- b) 1987-90 (as per State 7th plan
or central Scheme norms)
- c) 1990-95 (as per state 7th plan or
central Scheme norms)

3.2 Estimated Annual Requirement of Supervisor

- a) Actual no. of Supervisor in 1986-87 - Nil
- b) Estimated annual requirement during 1987-90
(By dividing item 2.2 (b) 5:1 Ratio given in 3.1(b))
- c) Estimated Annual Requirement during 1990-95
(By dividing item 2.2(c) by 5:1 Ratio given in 3.1(c))

**PART III Average Annual Requirement of Instructors and
Supervisor for Adult Education :**

1st Step Learners under Adult Education :

- 1.1 Actual Number in 1986-87 - 31689
- 1.2 Average number of learners to be covered
under Adult Education programme every year 30000
during 1987-90 as per 7th plan targets for
Adult Education (approximatly) :
- 1.3 Estimated number of illiterates in 15-35
age-group by 1989-90 after taking in to
account effect made during 7th plan 127000

1. 4 Projected average number of teachers to be covered every year under Adult Education Programmes during 8th Plan is 1990-95 (by building item(1.3) by 5 : 25400

2nd Step Estimated Requirement of Instructors

2.1 Instructor learner Ratio under AE.

- (a) Actual 1986-87 (Actual) 1:25
- (b) 1987-90 (as per state 7th Plan or central scheme Norms) 1:20
- (c) 1990-95 (as per state 7th plan or central Scheme Norms) 1:10

2.2 Estimated Annual Requirement of Instructors

- (a) Actual No. of Instructors in 1986-87 . 1342
- (b) Estimated Annual requirement during 1987-90 (By dividing item 1.2 by 1500 1:2 Ratio given in 2.1 (b)
- (c) Estimated Annual Requirement during 1990-95 (Pry. dividing item 1.4 by 1.2 Ratio given in 2.1(c) 2540

3rd Step Estimated Requirement of Supervisors

3.1 Supervisor Instructor Ratio

- (a) 1986-87 (actual) 1:38
- (b) 1987-90 (as per State 7th Plan or central scheme Norms) 1:25
- (c) 1990-95 (as per State 7th Plan or central Scheme Norms) 1:20

3.2 Estimated Annual Requirement of Supervisors

- (a) Actual No. of Supervisors in 1986-87 - 36
- (b) Estimated Annual Requirement during 1987-90 : 60 (by dividing item 2.2(b) by 3.1 Ratio given in 3.1(b)
- (c) Estimated Annual Requirement during 1990-95 (by dividing item 2.2(c) by 3.1 Ratio Given in 3.1(c) : 127

DISTRICTS: TIRAP/DIBANG VALLEY/LOHIT/CHANGLANG

ANNEXURE - VIII

SUGGESTED METHODOLOGY FOR ESTIMATES OF AVERAGE ANNUAL REQUIREMENTS OF TEACHERS FOR ELEMENTARY SCHOOLS AND OF INSTRUCTORS AND SUPERVISORS FOR ADULT AND NON FORMAL EDUCATION WHO WOULD NEED TO BE RECRUITED.

(Estimates to be done for State/UT as a whole and for those districts where DIETs are to be established)

PART-I: AVERAGE ANNUAL REQUIREMENT OF ELEMENTARY SCHOOL TEACHERS

Steps	I-V	VI-VIII	I-VIII
1	2	3	4

1st Step: Additional Enrolment

1.1. Enrolment in 1986-87	29323	5848	35171
1.2. Estimates enrolment in 1969-90 (As per 7th Plan Target specially to complete coverage of children in 6-11 age group)	34277	7463	41740
1.3. Enrolment in 1994-95 (proposed target of 8th Plan specially in the light of complete coverage of children in 6-14 age group)	42577	11063	53640
1.4. Estimated additional enrolment during:-			
a) 1987-90 (1.2-1.1)	4954	1615	6569
b) 1990-95 (1.3-1.2)	8300	3600	11900
1.5. Out of the above estimated educational enrolment, portion expected to be coursed under Non-formal system:-			
a) Coverage as a percentage of 1.4:-			
(i) 1987-90	20.18	27.86	22.07
(ii) 1990-95	24.09	22.00	23.52
b) Coverage in numerical terms out of 1.4:-			
(i) 1987-90	1000	450	1450
(ii) 1990-95	2000	800	2800

1	2	3	4
---	---	---	---

1.6	Estimated net additional enrolment in formal education system i.e. in schools during:-			
(a)	1987-90 (1.4)(a)-(1.5)(b)(i)	3954	1165	5119
(b)	1990-95 (1.4)(b)-(1.5)(b)(ii)	6300	2600	8900

2nd Step: Requirements of teachers for additional enrolment under Formal system

2.1. Teacher Pupil ratios:-

(a)	1986-87 (actual)	1:34	1:23	1:32
(b)	1987-90 (As per 7th Plan norms)	1:30	1:20	1:25
(c)	1990-95 (As per State norms or 7th Plan norms)	1:30	1:20	1:25

2.2. Estimated requirements of teacher for additional enrolment under formal system (by dividing additional enrolment given in (1.6) by T:P ratio given in (2.1) for respective years)

(a)	during 1987-90	131	58	189
(b)	during 1990-95	209	129	338

2.3. Estimated average annual requirement of Teachers for additional enrolment (by dividing the No. of additional Teachers given in 2.2 (a) for 1987-90 by three and that for 1990-95 given in 2.2 (b) by five:-

(a)	during 1987-90	43	20	63
(b)	during 1990-95	42	26	68

3rd Steps: Requirements of Teachers on account of attrition (death, resignation, retirement etc)

3.1.	As Total number of teachers (1986-87)	859	255	1114
3.2.	Assumption about percentage annual attrition rate of teachers (actual based on average of last three years or, in the absence of actual date, 2% of total)	7%	7%	7%
3.3.	Estimated average annual requirement of teachers on account of attrition as per rates annual in 3.2 on total number of teachers in 1986-87 (3.1)	59	16	75

... ..

1
4th Step: Estimated Total average annual requirement
of Teachers. 2 3 4 -----

4.1. During 1987-90 (2.3(a)+3.3)	96	36	132
4.2. During 1990-95 (2.3(b)+3.3)	102	42	144

PART-II: AVERAGE ANNUAL REQUIREMENT OF INSTRUCTIONS AND SUPERVISORS FOR NON-FORMAL EDUCATION

Steps	Primary	Middle	Elementary (Pry & Middle)
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>
1.1. Enrolment in NFE in 1986-87	840	-	840
1.2. Out of total estimated additional enrolment during 1987-95; estimated additional enrolment under NFE in accordance with item 1.5 in part-I above:-			
(a) during 1987-90	1000	450	1450
(b) during 1990-95	2000	800	2800
1.3. Estimated average annual additional enrolment under NFE during:-			
(a) 1987-90 (by dividing by 3, item No.1.2(a) above)	334	150	484
(b) 1990-95 (by dividing by 5, item No. 1.2 (b) above)	400	160	560

2nd Step: Estimated requirements of Instructors

2.1. Instructors -Pupil ratio under NFE:-			
(a) 1986-87 (actual)	1:30	-	1:30
(b) during 1987-90 (as per State 7th Plan or Central Scheme norms)	1:20	1:20	1:20
(c) During 1990-95 (as per State 7th Plan or Central Scheme norms)	1:15	1:15	1:15
2.2. Estimated Annual requirements of Instructors:-			
(a) Actual No. of Instructors in 1986-87	28	-	28
(b) Estimated annual requirement during 1987-90 (by dividing item 1.3 (a) by I:P ratio given in item 2.1 (b))	17	7	24
(c) Estimated annual requirement during 1990-95 (by dividing item 1.3(b) by I:P Ratio given in item 2.1 (c))	26	11	37

3rd Sept: Estimated requirement of Supervisors

3.1. Supervisor-Instructor ratio:-

- (a) 1986-87 (actual) Nil
- (b) 1987-90 (As per State 7th Plan or Central scheme norms)
- (c) 1990-95 (As per state 7th Plan or Central scheme norms)

3.2. Estimated Annual requirement of Supervisors:-

- (a) Actual No. of instructors in 1986-87 Nil
- (b) Estimated annual requirement during 1987-90 (by dividing item 2.2 (b) by S:I ratio given in 3.1 (b))
- (c) Estimated annual requirement during 1990-95 (by dividing item 2.2 (c) by S:I ratio given in 3.1 (c))

PART-III: AVERAGE ANNUAL REQUIREMENT OF INSTRUCTORS AND SUPERVISORS FOR ADULT EDUCATION.

1st Step: Learners under Adult Education

- 1.1. Actual number in 1986-87 8827
- 1.2. Average numbers of learners to be covered under Adult Education Programme every year during 1987-90 as per 7th Plan Targets for Adult Education. 8400
- 1.3. Estimated number of illiterates in 15-35 age group by 1989-90 after taking into account efforts made during 7th Plan 38469
- 1.4. Projected average number of learners to be coursed every year under Adult Education Programme during 8th Plan i.e. 1990-95 (by dividing item (1.3) by 5)* 7400

2nd Step: Estimated requirement of Instructors

- 2.1. Instructor-Learners ratio under A.E.:-
 - (a) 1986-87 (actual) 1:18
 - (b) 1987-90 (as per State 7th Plan or Central scheme norms) 1:20
 - (c) 1990-95 (as per State 7th Plan or Central scheme norms) 1:10

Contd....

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2.2.	Estimated annual requirement of Instructors:-	
(a)	Actual No. of Instructors in 1986-87	496
(b)	Estimated Annual requirement during 1987-90 (by dividing item 1.2 by I:L ratio given in 2.1 (b))	420
(c)	Estimated annual requirement during 1990-95 (By dividing item 1.4 by I:L ratio given in 2.1(c))	740

3rd Step: Estimated Requirement of Supervisors.

3.1.	Supervisor-Instructor ratio:-	
(a)	1986-87 (actual)	1:55
(b)	1987-90 (as per State 7th Plan or Central scheme norms)	1:20
(c)	1990-95 (as per State 7th Plan or Central scheme norms)	1:20

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3.2.	Estimated annual requirements of Supervisors:-	
(a)	Actual number of Supervisors in 1988-87	9
(b)	Estimated annual requirement during 1987-90 (By dividing item 2.2 (b) by S:I ratio given in 3.1 (b))	21
(c)	Estimated annual requirement during 1990-95 (By dividing item 2.1 (c) by S:I ratio given in 3.1 (c))	37

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Suggested methodology for estimation of average annual requirements of Teachers for Elementary schools and of Instructors and supervisors for Adult and Non-formal Education who would need to be recruited.

(Estimation to be done for State /UT as a whole and for those districts where DIETs are to be established)

Part- I Average Annual Requirements of Elementary School Teachers

Steps	I-V (Primary)	VI-VIII (Middle/ Upper Prima ry)	I-VIII (Elementary)
1	2	3	4

1st Step: Additional Enrolment

1.1 Enrolment in 1986-87	8820	1744	10564
1.2 Estimated enrolment in 1989-90 (AS per 7th plan Target specially of complete coverage of children in 6-14 age group)	9985	2210	12195
1.3 Enrolment in 1994-95 (Proposed Target of 8th plan Specially in the light of complete coverage of children in 6-14 age group)	12685	3260	15945
1.4 Estimated additional enrolment during:-			
(a) 1987-90 (1.2)-(1.1)	1165	466	1631
(b) 1990-95 (1.3)-(1.2)	2700	1050	3750
1.5 Out of the above estimated additional enrolment, portion expected to be covered under Non-formal Systems:-			
(a) Coverage as a percentage of:-			
(i) 1987-90	25	25	26
(ii) 1990-95	28	28	28
(b) Coverage in numerical terms out of 1.4.			
(i) 1987-90	300	130	430
(ii) 1990-95	500	200	700

1.6 Estimated net additional enrolment in formal education system i.e. in schools during:-			
(a) 1987-90(1.4)(a)-(1.5)(b) (1)	865	336	1201
(b) 1990-95(1.4)(B)-(1.5)(b) (11.)	2200	850	3050

2nd Step: Requirements of Teachers for additional enrolment under formal system:

2.1 Teacher pupil Ratios			
(a) 1986-87 (actual)	1:35	1:21	1:31
(b) 1987-90(as per 7th plan norms)	1:30	1:20	1:25
(c) 1990-95(As per state norms or 7th plan norms)	1:30	1:20	1:25

2.2 Estimated requirements of Teachers for additional enrolment under formal system.

(a) During 1987-90	29	17	46
(b) During 1990-95	73	42	115

2.3 Estimated average requirement of Teachers for additional enrolment

(a) During 1987-90	10	6	16
(b) During 1990-95	15	8	23

3rd Step: Requirements of teachers on account of attrition (death resignation/retirement etc)

3.1 Total number of Teachers (1986-87)	256	83	339
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3.2 Assumption about percentage annual attrition rate of teachers(actual based on average of last three years or in the absence of actual data 2% of total)	7%	7%	7%
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3.3 Estimated average annual requirement of teachers on account of attrition as per rates assumed in 3.2 on total number of teachers in 1986-87(3.1)	18	5	23
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4th Steps: Estimated total average annual requirements of teachers.

4.1 During 1987-90 (2.30(a) +3.3)	28	11	39
4.2 During 1990-95 (2.3)(b) +3.3)	33	13	46

PART -II Average Annual Requirements of Instructors and Supervisors for Non-formal Education.

Steps	Primary	Middle	Elementary (Prim & Middle)
1	2	3	4
1st Step : Enrolment Under Non-formal Education			
1.1 Enrolment in Non-formal Education in 1986-87-	180	-	180
1.2 Out of total estimated additional enrolment during 1987-95 estimated-additional enrolment under N.F.E in accordance with item 1.5 in part I above-			
(a) During 1987-90	300	130	430
(b) During 1990-95	500	200	700
1.3 Estimated average annual additional enrolment under NFE during			
(a) 1987-90	100	40	140
(b) 1990-95	100	40	140
2nd step :- Estimated Requirements of instructors			
2.1 Instructors (pupil ratios) under non-formal education:-			
(a) 1986-87 (actual)	1:30	-	1:30
(b) during 1987-90 (as per state 7th plan or Central schemes norms)	1:20	1:20	1:20
(c) During 1990-95 (as per state 7th plan or central schemes norms)	1:15	1:15	1:15
2.2 Estimated Annual requirements of Instructors:-			
(a) Actual No of Instructors in 1986-87	6	-	6
(b) Estimated annual requirement during 1987-90	5	2	7
(c) Estimated annual requirement during 1990-95	7	3	10

3rd Step: Estimated requirement of supervisors

3.1 Supervisor -Instructors ratio:-

- (a) 1986-87 (actual) Nil
- (b) 1987-90(as per state plan or central scheme norms) Nil
- (c) 1990-95(as per state/plan or Central scheme norms)Nil

3.2 Estimated Annual Requirement of Supervisors:

- (a) Actual No of ~~instructors~~ supervisors in 1986-87 - Nil
- (b) Estimated annual requirement during 1987-90 -Nil
- (c) Estimated annual requirement during 1990-95 -Nil

PART -III Average Annual Requirement of Instructors and Supervisor for Adult Education

1st Step: Learners under Adult Education

- 1.1 Actual Number in 1986-87 2337
- 1.2 Average number of learners to be covered under Adult Education Programme every year during 1987-90 as per 7th Plan Target for Adult Education 3000
- 1.3 Estimated number of illiterates in 15-35 age group by 1989-90 after taking into account efforts made during 7th Plan 9000
- 1.4 Projected average number of learners to be every year under Adult Education Programme during 8th Plan i.e. 1990-95 1300

2nd Step : Estimated Requirement of Instructors.

2.1 Instructors -learner ratio under A.E.

- (a) 1986-87(actual) 1:21
- (b) 1987-90(as per 7th plan or central scheme norms) 1:20
- (c) 1990-95(as per state 7th Plan or Central norms) 1:10

2.2 Estimated annual requirement of Instructors :-

- (a) Actual No.of Instructors in 1986-87 116
- (b) Estimated Annual Requirement during 1987-90 100
- (c) Estimated annual requirement during 1990-95 180

3rd Step: Estimated Requirement of Supervisors

3.1 Supervisor -Instructor Ratio:-

(a) 1986-87 (actual)	1:58
(b) 1987-90(as per state 7th plan or Central scheme norms)	1:20
(c) 1990-95(as per State 7th plan or central scheme norms)	1:20

3.2 Estimated Requirement of Supervisors:

(a) Actual number of Supervisors in 1986-87	2
(b) Estimated annual requirement during 1987-90	5
(c) Estimated annual . requirement. during 1990-95	9.

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DISTRICT: TIRAP

ANNEXURE - VIII

SUGGESTED METHODOLOGY FOR ESTIMATION OF AVERAGE ANNUAL REQUIREMENT OF TEACHERS FOR ELEMENTARY SCHOOLS AND OF INSTRUCTORS AND SUPERVISORS FOR ADULT AND NON FORMAL EDUCATION WHO WOULD NEED TO BE RECRUITED:

(Estimation to be done for State/UT as a whole and for those districts where DIETs are to be established)

PART-I: AVERAGE ANNUAL REQUIREMENT OF ELEMENTARY SCHOOL TEACHERS

Steps	I-V (Primary)	VI-VIII (Middle/ U.Primary)	I-VIII (Elementary)
1	2	3	4
<u>1st Step: Additional Enrolment</u>			
1.1. Enrolment in 1986-87	7032	1204	8236
1.2. Estimated enrolment in 1989-90 (As per 7th Plan Target specially of complete coverage of children in 6-11 age group)	8475	1565	10040
1.3. Enrolment in 1990-95 (Proposed Target of 8th Plan specially in the light of complete coverage of children in 6-14 age group)	10315	2390	12705
1.4. Estimated additional enrolment during:-			
(a) 1987-90 (1.2)-(1.1)	1443	361	1804
(b) 1990-95 (1.3)-(1.2)	1840	825	2665
1.5. Out of the above estimated additional enrolment, portion expected to be covered under Non-formal system:-			
(a) Coverage as a percentage of 1.4:-			
(i) 1987-90	13	33	17
(ii) 1990-95	27	24	26
(b) Coverage in numeral terms of 1.4:-			
(i) 1987-90	200	120	320
(ii) 1990-95	500	200	700x

1	2	3	4
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1.6. Estimated net additional enrolment in formal education system i.e. in schools during:-

(a) 1987-90

(1.4)(a) - (1.5)(b)(i) 1243 241 1484

(b) 1990-95

(1.4 (b)-(1.5)(b)(ii) 1340 525 1865

2nd Step: Requirement of Teachers for Additional enrolment under formal system

2.1. Teacher pupil ratios:-

(a) 1986-87 (actual) 1:39 1:20 1:33

(b) 1987-90 (As per 7th Plan norms) 1:38 1:20 1:25

(c) 1990-95 (As per 7th Norms or State norms) 1:30 1:20 1:25

2.2. Estimated requirements of Teachers for additional enrolment under formal system (by dividing additional enrolment given in (1.8) by T:P ratio given in (2.1) for respective years)

(a) during 1987-90 41 12 53

(b) 1990-95 44 26 70

2.3. Estimated average annual requirement of Teachers for additional enrolment (by dividing the No. of additional Teachers given in 2.2 (a) for 1987-90 by three and that for 1990-95 given in 2.2 (b) by 5:-

(a) during 1987-90 13 4 17

(b) 1990-95 9 5 14

3rd Step: Requirements of Teachers on Account of Attrition (death, resignation, retirement etc.)

3.1. Total number of Teachers (1986-87) 180 63 243

3.2. Assumption about percentage annual attrition rate of teachers (actual based on average of last three years or, in the absence of actual data, 2% of total) 8% 7% 7% 7%

... ..

 1 ----- 2 ----- 3 ----- 4 -----

3.3. Estimated average annual requirement of teachers on account of attrition as per rates assumed in 3.2 on total number of Teachers in 1986-87 (3.1) 12 4 16

4th Step: Estimated Total average annual requirement of Teachers:

4.1. During 1987-90 (2.3(a)+3.3.) 19 8 27
 During 1990-95 (2.3 (b)+ 3.3) 22 9 31

PART-II: AVERAGE ANNUAL REQUIREMENT OF INSTRUCTORS AND SUPERVISORS FOR NON FORMAL EDUCATION

 Steps Primary Middle Elementary

 ----- (Pry & Middle)

1 ----- 2 ----- 3 ----- 4 -----

1.1. Enrolment in NFE in 1986-87 240 - 240

1.2. Out of total estimated additional enrolment during 1987-95, estimated additional enrolment under NFE in accordance with item 1.5 in Part-I above:-

(a) during 1987-90 200 120 320
 (b) during 1990-95 500 200 700

1.3. Estimated average annual additional enrolment under NFE during:-

(a) 1987-90 (by dividing by 5, item No. 1.2 (b) above) 60 40 106
 (b) 1990-95 (by dividing by 5, item No. 1.2 (b) above) 100 40 140

2nd Step:- Estimated requirements of Instructors:-

2.1. Instructors:Pupil ratio under NFE:-

(a) 1986-87 (actual) 1:30 - 1:30
 (b) during 1987-90 (as per State 7th Plan or Central scheme norms) 1:20 1:20 1:20
 (c) during 1990-95 (as per State 7th Plan or Central scheme norms) 1:15 1:15 1:15

.....

1-----2-----3-----4-----

2.2. Estimated Annual requirement of Instructors:-

(a) Actual No. of Instructors in 1986-87	8	8 -	8
(b) Estimated annual requirement during 1987-90 (by dividing item 1.3 (a) by I:P ratio given in item 2.1(b))	3	2	5
(c) Estimated annual requirement during 1990-95 (by dividing item 1.3 (b) by I:P ratio given in item 2.1 (c))	7	3	10

3rd Step: Estimated requirement of Supervisors:

3.1. (a) Supervisor-Instructor ratio:-

(a) 1986-87 (actual)	Nil
(b) 1987-90 (as per 7th Plan or Central scheme norms)	Nil
(c) 1990-95 (as per state 7th Plan or Central Scheme norms)	Nil

3.2. Estimated Annual requirements of Supervisors:-

(a) Actual No. of Supervisors in 1986-87	Nil
(b) Estimated annual requirement during 1987-90 (by dividing item 2.2 (b) by S:I ratio given in 3.1 (b))	Nil
(c) Estimated annual requirement during 1990-95 (by dividing item 2.2(c) by S:I ratio given in 3.1 (c))	Nil

PART-III: AVERAGE ANNUAL REQUIREMENT OF INSTRUCTORS AND SUPERVISORS FOR ADULT EDUCATION

1st Step: Learners under Adult Education

1.1. Actual number in 1986-87	1525
1.2. Average numbers of learners to be covered under Adult Education Programme every year during 1987-90 as per 7th Plan Targets for Adult Education	1800
1.3. Estimated number of illiterates in 15-35 age group by 1989-90 after taking into account efforts made during 7th Plan	8740

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1.4. Projected average number of learners to be covered every year under Adult Education Programme during 8th Plan i.e. 1990-95 (by dividing item (1.3) by 5) 1800

2nd Step: Estimated requirement of Instructors

2.1. Instructor-Learner ratio under A.E.:-

(a) 1986-87 (actual) 1:10
(b) 1987-90 (as per State 7th Plan or Central Scheme norms) 1:20
(c) 1990-95 (as per 7th Plan or Central Scheme norms) 1:10

2.2. Estimated annual requirement of Instructors:-

(a) Actual number of Instructors in 1986-87 160
..... (b) Estimated annual requirement during 1987-90 by dividing item 1.2 by I:L ratio given in 2.1 (b) 90
(c) Estimated annual requirement during 1990-95 (by dividing item 1.4 by I:L ratio given in 2.1 (b)) 180

3rd Step: Estimated Requirement of Supervisors:

3.1. Supervisor-Instructor ratio:-

(a) 1986-87 (actual) 1:80
(b) 1987-90 (as per State 7th Plan or Central scheme norms) 1:20
(c) 1990-95 (as per State 7th Plan or Central scheme norms) 1:20

3.2. Estimated annual requirement of Supervisors:-

(a) Actual number of Supervisors in 1986-87 2
(b) Estimated annual requirement during 1987-90 (by dividing item 2.2. (b) by S:I ratio given in 3.1 (b)) 4
(c) Estimated annual requirement during 1990-95 (by dividing item 2.1 (c) by S:I ratio given in 3.1. (c)) 9

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DISTRICT : LOHIT

ANNEXURE VIII

SUGGESTED METHODOLOGY FOR ESTIMATION OF AVERAGE ANNUAL REQUIREMENTS OF TEACHERS FOR ELEMENTARY SCHOOLS AND OF INSTRUCTORS AND SUPERVISORS FOR ADULT AND NON FORMAL EDUCATION WHO WOULD NEED TO BE RECRUITED.

(Estimation to be done for State/UT as a whole and for these districts where DIETs are to be established)

PART-I: Average Annual Requirement of Elementary School Teachers/

Steps	I-V (Primary)	VI-VIII (Middle/U. Primary)	I-VIII (Elementa- ry)
1	2	3	4

1st Step: Additional Enrolment

1.1.	Enrolment in 1986-87	9554	2092	11646
1.2.	Estimated enrolment in 1989-90 (As per 7th Plan Target specially of complete coverage of Children in 6-11 age group)	11250	2600	13850
1.3.	Enrolment in 1994-95 (Proposed Target of 8th Plan specially in the light of complete coverage of children in 6-14 age group)	13330	3775	17305
1.4.	Estimated additional enrolment during:-			
	(a) 1987-90 (1.2) - (1.1)	1696	508	2204
	(b) 1990-96 (1.3) - (1.2)	2280	1175	3455

 ----- 1 ----- 2 ----- 3 ----- 4 -----

1.5. Out of above estimated additional enrolment, portion expected to be covered under Non-Formal system:-

(a) Coverage as a percentage of 1.4

1) 1987-90	17%	20%	23%
ii) 1990-95	26%	20%	25%

(b) Coverage in numeral terms out of 1.4:-

1) 1987-90	300	100	400
ii) 1990-95	600	200	800

1.6. Estimated net additional enrolment in formal education system i.e. Schools during:-

(a) 1987-90 (1.4)(a)-(1.5)(b) (i)	1396	408	1804
(b) 1990-95 (1.4)(b)-(1.5)(b) (ii)	1680	875	2555

2nd Step: Requirement of Teachers for Additional enrolment under Formal system.

2.1. Teacher Pupil ratios

(a) 1986-87 (actual)	1:33	1:31	1:33
(b) 1987-90 (As per 7th Plan norms)	1:30	1:20	1:25
(c) 1990-95 (As per State norms or 7th Plan norms)	1:30	1:20	1:25

2.2. Estimated requirements of teachers for additional enrolment under formal system (By dividing additional enrolment given in (1.6) by T:P ratio given in (2.1) for respective years)

(a) during 1987-90	46	20	66
(b) during 1990-95	56	44	100

PART - III: Average Annual requirement of Instructors and Supervisors for Non-Formal Education.

Step	Primary	Middle	Elementary (Pri+Middle)
1	2	3	4

1st Step: Enrolment under Non-Formal Education

1.1. Enrolment in N.F.E in 1986-87	240	-	140
1.2. Out of total estimated additional enrolment during 1987-95, estimated additional enrolment under N.F.E. in accordance with item 1.5 in part 1 above			
(a) during 1987-90	300	100	400
(b) during 1990-95	600	200	800
1.3. Estimated average annual additional enrolment under N.F.E. during:-			
(a) 1987-90 (by dividing by 3, item No. 1.2(a) above)	100	35	135
(b) 1990-95 (by dividing by 5, item No. 1.2(b) above)	120	40	160

2nd Step: Estimated Requirement of Instructors.

2.1. Instructors:Pupil Ration under N.F.E:-			
(a) 1986-87 (actual)	1:30	1:30	1:30
(b) 1987-90 (as per state 7th Plan or Central Scheme norms)	1:20	1:20	1:20
(c) During 1990-95 (as per State 7th Plan or Central Scheme norms)	1:15	1:15	1:15

 ----- 1 ----- 2 ----- 3 ----- 4 -----

2.2. Estimated Annual requirements of Instructors:

(a) Actual No. of Instructors in 1986-87	8	-	8
(b) Estimated annual requirement during 1987-90 (by dividing item 1.3(a) by I:P ratio given in item 2.1(b))	5	2	7
(c) Estimated annual requirement during 1990-95 (by dividing item 1.3(b) by I:P ratio given in item 2.1 (c))	8	3	11

3rd Step: Estimated requirement of Supervisors

3.1. Supervisor-Instructor ration:

(a) 1986-87 (actual)	NIL
(b) 1987-90 (as per 7th Plan or Central Scheme norms)	NIL
(c) 1990-95 (as per State 7th Plan or Central Scheme norms)	NIL

3.2. Estimated Annual requirements of Supervisors:

(a) Actual number of Supervisors in 1986-87	NIL
(b) Estimated annual requirement during 1987-90 (by dividing item 2.2.(b) by S:I ratio given in 3.1(b))	NIL
(c) Estimated annual requirement during 1990-95 (by dividing item 2.2.(c) by S:I ration given in 3.1 (c))	NIL

PART - III: Average Annual Requirement of Instructors and Supervisors for Adult Education.

1st Step: Learners under Adult Education

1.1. Actual number in 1986-87	4268
1.2. Average numbers of learners to be coursed under Adult Education programme every year during 1987-90 as per 7th Plan Targets for Adult Education.	4000
1.3. Estimated number of illiterates in 15-35 age group by 1989-90 after taking into account efforts made during 7th Plan	15000
1.4. Projected average number of learners to be coursed every year under Adult Education Programme during 8th Plan s.e. 1990-95 (by dividing item (1.3) by 5)	3000

2nd Step: Estimated requirement of Instructors:

2.1. Instructor-Learner ratio under A.E.:	
(a) 1986-87 (actual)	1:27
(b) 1987-90 (as per State 7th Plan or Central Scheme norms)	1:20
(c) 1990-95 (as per State 7th Plan or Central Scheme norms)	1:10
2.2. Estimated annual requirement of Instructors:	
(a) Actual No. of Instructors in 1986-87	157
(b) Estimated annual requirement during 1987-90 (by dividing item 1.2 by I:L ratio given in 2.1 (b))	200
(c) Estimated annual requirement during 1990-95 (by dividing item 1.4 by I:L Ratio given in 2.1 (c))	300

3rd Step: Estimated Requirement of Supervisors:

3.1. Supervisor - Instructor ratio:-

(a) 1986-87 (actual)	1:52
(b) 1987-90 (as per State 7th Plan or Central Scheme Norms)	1:20
(c) 1990-95 (as per State 7th Plan or Central Scheme norms)	1:20

3.2. Estimated annual requirements of Supervisors:

(a) Actual number of Supervisors in 1986-87	3
..... (b) Estimated annual requirement during 1987-90 (by dividing item 2.2.(b) by S:I Ratio given in 3.1 (b))	10
(c) Estimated annual requirement during 1990-95 (by dividing item 2.1 (c) by S:I Ratio given in 3.1 (c))	15

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DISTRICT : DIBANG VALLEY

ANNEXURE - VIII

SUGGESTED METHODOLOGY FOR ESTIMATION OF AVERAGE ANNUAL REQUIREMENT OF TEACHERS FOR ELEMENTARY SCHOOLS AND OF INSTRUCTORS AND SUPERVISORS FOR ADULT AND NON-FORMAL EDUCATION WHO WOULD NEED TO BE RECRUITED.

(Estimation to be done for State/UT as a whole and for those districts where DIETs are to be established)

PART-I: Average Annual Requirements of Elementary School Teachers:

Steps	I-V (Primary)	VI-VIII (Middle/ U.Primary)	I-VIII (Elementary)
	2	3	4

1st Step: Additional Enrolment

1.1. Enrolment in 1986-87	3917	808	4725
1.2. Estimated enrolment in 1989-90 (as per 7th Plan Target specially of complete coverage of children in 6-11 age group)	4567	1088	5635
1.3. Enrolment in 1990-95 (proposed Target of 8th Plan specially in the light of complete coverage of children in 6-14 age group)	6047	1638	7685
1.4. Estimated additional enrolment during:-			
(a) 1987-90 (1.2) - (1.1)	650	280	930
(b) 1990-95 (1.3) - (1.2)	1480	550	2030

1.5. Out of the above estimated additional enrolment, portion expected to be covered under Non-Formal Education systems:-

(a) Coverage as a percentage of 1.4 (a) 1987-90	30	30	25
(ii) 1990-95	30	36	30
(b) Coverage in numerical terms out of 1.4			
(i) 1987-90	200	100	300
(ii) 1990-95	490	200	600

1.6. Estimated net additional enrolment in formal Education system i.e. in Schools during:-

(a) 1987-90 (1.4)(a) - (1.5)(b) (i)	450	180	630
(b) 1990-95 (1.4)(b) - (1.5)(b) (ii)	1080	350	1430

2nd Step: Requirements of Teachers for additional enrolment under Formal System.

2.1. Teacher Pupil ratios :-

(a) 1986-87 (actual)	1:29	1:18	1:26
(b) 1987-90 (as per 7th Plan norms)	1:30	1:20	1:25
(c) 1990-95 (as per State norms or 7th Plan norms)	1:30	1:20	1:25

2.2. Estimated requirements of teachers for additional enrolment under formal system (by dividing additional enrolment given in (1.6) by T:P ratio given in (2.1) for respective years)

(a) during 1987-90	15	9	24
(b) during 1990-95	36	17	53

1 ----- 2 ----- 3 ----- 4 -----

2.3. Estimated Average annual require-
ment of Teachers for additional
enrolment (by dividing the No. of
additional Teachers given in 2.2
(a) for 1987-90 by three and that
for 1990-95 given in 2.2(b) by five

(a) during 1987-90	5	3	8
(b) during 1990-95	7	4	11

3rd Step: Requirements of Teachers on account of attrition
(death, resignation, retirement etc).'

3.1. Total number of Teachers(1986-87) 135 43 178

3.2. Assumption about percentage annual
attrition rate of teachers(actual 77 77 77
bases on average of last three years
or in the absence of actual data,
2% of total)

3.3. Estimated average annual require-
ment of teachers on account of
attrition as per rates assumed in
3.2 on total number of Teachers
in 1986-87 (3.1) 9 3 12

4th Step: Estimated Total average annual requirement
of Teachers.

4.1. During 1987-90 (2.3)(a) + 3.3)	14	6	20
4.2. During 1990-95 (2.3 (b) + 3.3)	16	7	23

PART II: Average Annual requirement of instructors and
Supervisors for Non-Formal Education.'

1st Step: Enrolment under Non-Formal Education

1.1. Enrolment in N.F.E. in 1986-87 180 - 180

 1 ----- 2 ----- 3 ----- 4 -----

1.2. Out of Total estimated additional enrolment during 1987-95, estimated additional enrolment under NFE in accordance with item 1.5. in Part-I above:-

(a) During 1987-90	200	100	300
(b) During 1990-95	400	200	600

1.3. Estimated average annual additional enrolment under N.F.E during

(a) 1987-90 (by dividing by 3, Item No. 1.2 (b) above)	70	40	110
(b) 1990-95 (by dividing by 5, item No.1.2 (b) above)	80	40	120

2nd Step: Estimated requirements of Instructors:

2.1. Instructors:Pupil Ratio under NFE:

(a) 1986-87 (actual)	1:30	1:20	1:30
(b) During 1987-90(as per State 7th Plan or Central Scheme norms)	1:20	1:20	1:20
(c) During 1990-95 (as per State 7th Plan or Central Scheme norms)	1:15	1:15	1:15

2.2. Estimated annual requirements of Instructors:

(a) Actual No.of Instructors in 1986-87	6	-	6
(b) Estimated annual requirement during 1987-90 (by dividing item 1.3(a) by I:P ratio given in item 2.1 (b))	3	2	5
(c) Estimated annual requirement during 1990-95 (by dividing item 1.3(b) by I:P ratio given in item 2.1(c))	5	3	8

1	2	3	4
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3rd Step: Estimated requirement of Supervisors

3.1. Supervisor-Instructor ratio:-

(a) 1986-87 (actual)	Nil	-	-
(b) 1987-90 (as per State 7th Plan or Central Scheme norms)	-	-	-
(c) 1990-95 (as per State 7th Plan or Central Scheme norms)	-	-	-

3.2. Estimated Annual requirements of Supervisors:-

(a) Actual No. of Supervisors in 1986-87			Nil
(b) Estimated annual requirement during 1987-90 (by dividing item 2.2(b) by S:I Ratio given in 3.1 (b))		6	Nil
(c) Estimated annual requirement during 1990-95 (by dividing item 2.2 (c) by S:I Ratio given in 3.1 (c))			Nil

PART-III Average Annual Requirement of Instructors and Supervisors for Adult Education.

1st Step: Learners under Adult Education:-

1.1. Actual number in 1986-87	647
1.2. Average numbers of learners to be covered under Adult Education Programme every year during 1987-90 as per 7th Plan Targets for Adult Education.	600
1.3. Estimated number of illiterates in 15-35 age group by 1989-90 after taking into account efforts made during 7th Plan	5729
1.4. Projected average number of learners to be covered every year under Adult Education Programme during 8th Plan i.e. 1990-95 (by dividing item (1.3) by 5)	800

2nd Step: Estimated requirement of Instructors

2.1. Instructor-Learner ratio under A.E.:-

(a) 1986-87 (actual)	1:10
----------------------	------

(b) 1987-90 (as per 7th State Plan or Central Scheme norms) 1:20

(c) 1990-95 (as per State 7th Plan or Central Scheme norms) 1:10

2.2. Estimated annual requirement of Instructors:-

(a) Actual No. of Instructors in 1986-87 63

(b) Estimated Annual Requirement during 1987-90 (by dividing item 1.2 by I:I ratio given in 2.1 (b)) 30

(c) Estimated Annual requirement during 1990-95 (by dividing item 1.4 by I:I ratio given in 2.1 (c)) 80

3rd Step: Estimated Requirement of Supervisors

3.1. Supervisor-Instructor ratio:

(a) 1986-87 (actual) 1:32

(b) 1987-90 (as per State 7th Plan or Central Scheme norms) 1:20

(c) 1990-95 (as per State 7th Plan or Central Scheme norms) 1:20

3.2. Estimated annual requirements of Supervisors:

(a) Actual number of Supervisors in 1986-87 2

(b) Estimated annual requirement during 1987-90 (by dividing item 2.2 (b) by S:I ratio given in 3.1 (b)) 2

(c) Estimated annual requirement during 1990-95 (by dividing item 2.2 (c) by S:I Ratio given in 3.1 (c)) 4

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ANNEXURE - VII

SURVEY OF EXISTING ELEMENTARY TEACHER TRAINING INSTITUTIONS (ETTES) (Parts A-G to be get filled by each institution)

A. Identification

A.1 Name and Address Buniadi Shiksha Bhawan _____

District Changlang Block Changlang

A.2 Year of Establishment 1957 _____

A.3 Location: Rural/Urban/Metropolitan/Tribal/Hilly/Desert

Note: "Metropolitan" may be taken to mean a city with 1981 population of one million or more.

A.4 Meant for ; Boys/Girls/Co-education Co-education

A.5 Type : Fully Residential/Partly residential
Non-residential Fully residential

A.6 . Distance (in kms.) from Dist. HQS: At the Dist. H.Q. . . .

A.7 Management : Govt/Local Body/Non-Govt.aided/Government
Non-Govt. unsided

A.8 Is it a Minority Institution ? No _____

B. ENROLMENT & RESULTS

Year	Sanctioned Intake	Enrolment						Results (in percentage)
		1 year		II year		Total of I & II year		
		Total	Girls	Total	Girls	Total	Girls	
1	2	3	4	5	6	7	8	
1984-85	100	44	12				99.9%	
1985-86	100	49	16				73.5%	
1986-87	100	58	18				34.5%	
1987-88	100	70	21					

* To be given only in case course is of two years duration

This training is of 10½ months duration.

C.1 Staff position

Kindly attach the following information on academic and non-academic staff:

C.1 Statement of posts in the Institution:

Sl. No.	Name of Post	Pay Scale	No. of Posts Total sanctioned	Posts Filled up	Vacant	Qualifications prescribed for the Post	Method of Rec't.
1	2	3	4	5	6	7	8

Statement attached at appendix 'A'.

C.2 Statement of staff in Position:

Sl. No.	Name of Person	Post Held	Pay Scale	Age	Qualifications	Remarks
1	2	3	4	5	6	7

Statement attached at appendix 'B'.

D. Physical Facilities

D.1 Total Land of the Institute Campus (in acres) 8 acres

D.2 Ownership of Land/Building Govt. of Arunachal Pradesh

D.3 Present Land use pattern in the Institutions Campus

<u>Items of use</u>	<u>Areas (in acres)</u>
1. Total Campus Area	8 acres
2. Buildings	5 acre
3. Gardening and Horticulture	5 acres
4. Play grounds and other open air activities	2 acres
5. Other Services (Service roads water supply etc.)	Available
6. Spare land available for expansion and development of the Institution	Will be made available.
7. Unusable land (Give reasons)	X

D.4 Present status of availability of basic amenities on the Campus/Institution

a. Water	Available as per requirements
b. Electricity	Available as per requirements
c. Waste disposal	Available as per requirements
d. Service Roads	Available as per requirements
e. Telephone	Available as per requirements

D.5 Present Status of the Institution's Buildings

Nature of the Building	Year of Construction	Approximate size(in sq.ft)	Details of accommodation(e.g. No. of halls & rooms with seating capacity, cubicles, toilets etc.)	Is the Building in a good State of Repair ? If not, give details.	Remarks
1	2	3	4	5	6
i) Administrative Wing/Block	1957	30 sq.mts.	2 rooms	Yes	
ii) Academic Wing/Block	1957	30 sq. m.	5	Yes	
iii) Labs.	1968	30 sq. m.	3	Yes	
iv) Library	1957	30 sq. m.	1	Yes	
v) Workshop	1957	50 sq. m.	2	Yes	
vi) Auditorium	1970	420 sq. m.	1	Yes	
vii) Hostel	1963	750 sq. m.	2	Yes	
viii) Staff quarters	1964-1980		20(Type-I " III-3 " II -6 " I -10	Yes	
ix) Other	X		X		

Note: In case of Hostels, please indicate inmate capacity and in case of Staff Quarters, their typewise number in the remarks column.

D.6 Hostel facilities

a. No. of seats in the hostel:

for Men 55 For Women 25 Total 80

b. Ownership: Government

c. Distance from Institution (Kms) Very negligible

D.7 Adequacy of other facilities (In case of inadequacy, reasons thereof)

a. Furniture & equipment for

i) Office Yes

ii) Classrooms & Auditorium Yes

iii) Library & Reading Room Yes

iv) Hostel Yes

b) Equipment & material for work experience Yes

c) Lab. Equipment Yes

d) Audio-visual & other teaching aids Yes

e) Games & Sports material Yes

f) Equipment for arts music etc. Yes

D.8 Library/Reading Room:

a) Total No. of Titles 3500

b) No. of periodicals being regularly subscribed to 8

c) No. of Newspapers 4

E. Arrangements for Practice Teaching for Pupil-Teachers

E.1 Kindly explain briefly the existing arrangements and the difficulties faced, if any _____

At present a Primary School named 'Demonstration' School is there at the disposal of the BSE, where practice teaching for primary teachers is held, and practically no difficulty being faced.

E.2 In case certain schools are attached to the NPTI for the purpose of practice teaching, the following information may kindly be given about them :

Name of School	Distance from NPTI (in Kms)	Management	Classes	Number of Students	Rem-Teachers	Grks.	
1	2	3	4	5	6	7	8
Demonstration School	1 Km.	Government	I - V	200		6	

F. Budgetary Position

Particulars	Amount in Rupees			
	1984-85	1985-86	1986-87	1987-88 (Estimated)
1	2	3	4	5
A)Institution's Annual Income (To be filled up only for non-Govt. institutions)				
1. Fees of the Institution _____				Not applicable
2. Govt. grant _____				

3. Other sources(Pl. specify)

- 1) _____
- ii) _____
- iii) _____

Total (a)

b) Annual Expenditure

- 1. Staff Pay & Allowances _____
- 2. Contingencies _____
- 3. Other (Please specify)
 - i) _____
 - ii) _____
 - iii) _____

Statement : enclosed
at appendix :- 'C'

.....
Total (b)

G. General Remarks

If any audit objections or remarks/reports regarding irregularities have been communicated to the Institution during the last five years, details thereof and steps taken, if any, to rectify them :

A little bit is there and is being regularised

Date:

Sd/- A.D. Mazumdar,
~~Principal~~
Principal,
Buniadi Siksha Bhawan
Changlang

H.1 Remarks of the Controlling Authority
(DEP/Joint Director of Education etc. who may be empowered to inspect the Institution and/or release grants to it, as the case may be)

H.1 Whether the information given above by the Institute is correct ? Give details of inaccuracies, if any

H.2 Is the Institute known to have indulged in the following kinds of malpractices :

- a) Charging of Capitation fee
- b) Unfair selection of candidates
- c) Malpractices in conduct of Exams
- d) Any other serious malpractices or irregularities if so, please give details :-

H.3 General comments on overall functioning of the Institute

Date : _____ Name, Signature & Seal of the Office

I. Recommendation of the Task Force, with reasons, on whether the ETEI should be :

- i) Upgraded into a DIET
- ii) Continued though without upgradation as above
- iii) Closed down

Date :

Name, Signature and Designation
of Chairperson of the Task Force

Advatara
Director of Instruction
Government of Bihar
Patna-791 110

J. . . Decision of the State Govt. on the Task Force's
Recommendation (with reasons, if Recommendation
is not accepted)

Date :

ST
Secy, Govt. of
Education Deptt.
Secretary (Education)
Govt. of Arunachal Pradesh,
Itanagar-791111.

APPENDIX 'A'.

C.1 Statement of Posts in the Institution.

Sl. No.	Name of Posts	Pay Scale	No. of Posts			Qualification prescribed for each post	Methods of recruitment
			Fill Sanction	Fill- ed up	Va- cation pres- cribed for		
1 st	Principal	2200-4000/-	1 (Perman- ent)	1		MA/MSc BEd/ BT	Prome- tion
2.	J/T (S.G)	1640-2900/-		3	2	BA/BSc & BT/BEd.	Selec- tion
3.	J/T.	1400-2600/-	10	5	-	-do-	Inter- view & Prome- tion.
4.	A/T (S.G)	1400-2600/-		2	6	BA/BSc/Hr. ^{sd} Sec. & Trained	Selec- tion.
5.	A/T (A)	1200-2040/-	11	3	-	Hr. Sec. & Trained/ BA/BSc.	By Int- erview
6 th	U.D.C.	1200-2040/-	1	1	-	Matricu- lation	Prome- tion.
7.	L. D. C.	950-1500/-	1	1	-	-do-	Direct
8 th	A/T (Wood- craft)	1300-2040/-	1 (Temp)	1	-	Trained	-do-
9.	Driver	950-1500/-	1 (Temp)	1	-		-do-

Sd/- A.D. Mazumdar,
Principal,
Buniadi Siksha Bhawan,
Changlang.

A P P E N D I X 'B'.

C.2 Statement of staff in position.

Sl. No.	Name of person	Post	Pay Scale	Dt. of birth	Qualification.	Remarks
1	2	3	4	5	6	7
GRADE - 1						
1.	Shri A. Dutta Mazunder	Prf.	N. 2200-75-2800-EB-100-4000/-	1-08-37	M.A(Maths) B.T.	
GRADE - 2						
2.	Shri J.N.Talukder	J/T (S/G)	N. 1640-60-2600-EB-75-2900/-	1-10-41	M.A(Edn).	
3.	Shri G.S.Ram	"	"	1-03-35	B.A(B.T)	
4.	Shri I.U.Khan	J/T	N. 1400-40-1600-50-2300-EB-60-2600/-	15-3-52	B.Sc.M.A. (Phy)M.Ed.	
5.	Shri Ram Tiwari	"	"	15-6-49	B.Sc.(B.Ed)	
6.	Shri R.D.Agnihetri	"	"	1-07-42	M.A.(Hln)	
7.	Shri H.Lahen	"	"	20-10-52	B.A(B.T) M.A.Pre.(Eng)	
8.	Miss Chhaja Lewang	"	"	8-05-65	M.A(Drawing)& Painting)	
9.	Shri G.C.Goswami	J/T (S/G)	N. 1640-2900/-	1-12-52	M.A(Phylosophy)	
10.	Shri S.P.Sharma	A/T (S/G)	N. 1400-2600/-	1-09-31	I.A.	

1.	2.	3.	4.	5.	6.	7.
11.	Shri L.K.Tyagi	A/T (S/G)	1400-2600/-	5-05-39	Matriculat	
12.	Shri D.D.Kalita	A/T (A)	1200-2040/-	1-03-48	"	
13.	Shri K.Techi	"	"	10-4-58	"	
14.	Mrs H.Ngesu	"	"	31-3-63	"	
15.	Shri K.Baruah	A/T (Wood Craft)	1320-2040/-	30-11-57	H.S.L.C (I.T.I)	
16.	Shri T.K.Mukharjee	U.D.C.	1200-2040/-	12-2-52	P.U.	
17.	Mrs. Mrs Devi Dubey	L.D.C.	950-1500/-	10-10-66	Matriculate	
18.	Shri T.Ruja.	Driver	"	1-01-55	C/V	
<u>GRADE - 'D'.</u>						
1.	Shri Indra Bahadur	Peon	750-940/-	30-1-35	C/III	
2.	" Balaram Jaisi	"	"	1-06-50		
3.	" Khengrang Taiju	"	"	1-07-52		
4.	" Wanglat Momai	"	"	1-01-45		
5.	" Ner Bahadur	"	"	1-01-32		
6.	" Padam Prasad	"	"	1-01-31		
7.	" Rajkumar Balmiki	"	"	6-06-65		
8.	" K.Tanjen	"	"	1-01-28		

Sd/- A.D.Mazumdar
Principal,
Buniadi Siksha Bhawan,
Changlang.

