

STATE PERSPECTIVE PLAN

for

TEACHER EDUCATION IN CHHATTISGARH

(Proposed Plans for the X Plan Period 2002-07)

Submitted to

*Ministry of Human Resource Development, Govt. of India, New Delhi
and National Council for Teacher Education, New Delhi*

NIEPA DC



D12518



Chhattisgarh State Council for Educational
Research and Training

Shankar Nagar, Raipur, Pin - 492007, Tel. : 0771-2443596, 2443297

CONTENTS

	Plans / Projects	Amount Demanded	Page
	Foreword		i
	Budget Abstracts of Plans/Projects		ii
	Profile of Chhattisgarh State		1-4
1.00	Development and Strengthening of Teacher Education Institutes		5-17
	1.01 Establishment and strengthening of SCERT in Chhattisgarh	4,94,40,000.00	5-6
	1.02 Establishment of new CTEs in the State	3,15,00,000.00	7
	1.03 Upgradation of BTIs into DIETs and Establishment of new DIETs	*2,06,27,00,000.00	8
	1.04 Establishment of new English Language Teaching Institutes (ELTI)	13,92,000.00	9-10
	1.05 Opening of new District Centres for English (DCE)	57,13,000.00	11-12
	1.06 Infrastructural Development (Physical Resources) of DIETs	4,51,22,000.00	13-14
	1.07 Infrastructural Development (Physical Resources) of IASE/CTEs	1,84,10,000.00	15-16
	1.08 Establishment of State Institute of Educational Management and Training (SIEMAT) in Chhattisgarh.	14,50,85,500.00	17
2.00	Orientation of School Teachers : Training of Teachers - Pre-service & In-service		18-89
	2.01 Workshop of Secondary School Teachers on Action Research	7,80,900.00	18-19
	2.02 Training of Secondary School Teachers to teach Hindi Language	7,63,700.00	20-21
	2.03 Training of Secondary School Teachers to teach English Language	20,80,900.00	22-23
	2.04 Training of Secondary School Teachers to teach Sanskrit Language	3,25,850.00	24-25
	2.05 Training of Secondary School Teachers to teach Science (Physics)	18,80,900.00	26-27
	2.06 Training of Secondary School Teachers to teach Science (Chemistry)	18,80,900.00	28-29
	2.07 Training of Secondary School Teachers to teach Science (Biology)	18,80,900.00	30-31
	2.08 Training of Secondary School Teachers to teach Mathematics	18,80,900.00	32-33
	2.09 Training of Secondary School Teachers to teach Social Science	18,80,900.00	34-35
	2.10 Training of Secondary School Teachers in Population Education	8,83,500.00	36-37
	2.11 Computer Awareness Training for Secondary & Higher Secondary School Teachers	16,00,900.00	38-39
	2.12 Seminar on Value Education for Secondary & Higher Secondary School Teachers	6,73,300.00	40-41
	2.13 Awareness Programme on HIV / AIDS for Secondary & Higher Secondary School Teachers	6,51,700.00	42-43
	2.14 Seminar on Environmental Education for secondary and higher secondary school teachers.	6,51,700.00	44-45
	2.15 Training of High School Teachers (CBSE Course) for the Preparation of Resource Materials and Orientation on using them in teaching English Language	9,67,550.00	46-49

	Plans / Projects	Amount Demanded	Pa
	2.16 Orientation of High Schools Teachers to develop Mathematics Laboratory	41,28,929.00	50-
	2.17 Training of Teachers for preparing low cost and no cost Teaching Aids.	49,35,863.00	53-
	2.18 Training of Higher Secondary School Teachers in Web Designing and Internet uses in Chemistry	4,94,854.00	56-
	2.19 Orientation of Pre-Primary, Primary & Upper-Primary School Teachers on Value and Inclusive Education	**10,67,32,795.00	58-
	2.20 Training of High Schools Teachers For Using Educational Technology Equipments in their Classroom Teaching.	27,76,171.00	66-
	2.21 Plan to strengthen Science Laboratory of Higher Secondary Schools of Tribal areas.	3,62,25,000.00	
	2.22 Contents based training of Upper Primary School Teachers in Mathematics & Science (CBSE Course)	24,09,312.00	69-
	2.23 Pedagogical (Methodology) training of High School teachers.	24,52,198.00	71-
	2.24 Plan for School Improvement Programme	***10,07,65,000.00	73-
	2.25 Capacity Building Training of Primary & Upper-primary School Teachers	****18,01,89,740.00	76-
	2.26 Training of Pre-Primary Schools Teachers	41,57,590.00	87-
	2.27 Organisation of Inter-State Educational Tours in Science for the selected teachers of High & Higher Secondary School Teachers	11,00,000.00	
3.00	Professional Development of Practitioners i.e. Teacher Educators, Managers and Others		90-
	3.01 Capacity Building Training of Lecturers & Other Teaching Staff of DIETs & BTIs	17,26,400.00	90-
	3.02 Administrative Training of Secondary School-Principals	9,40,200.00	96-
	3.03 Seminar on modern techniques & strategies of teaching for IASE/CTE/DIET/BTI Teacher Educators	5,64,660.00	98-
	3.04 Orientation of IASE/CTE teacher educators on research methodologies	1,88,220.00	100-
	3.05 Orientation of Teacher Educators on the subject "Identity of Women"	47,800.00	102-
4.00	Research Projects		104-
	4.01 Effectiveness of "Indira Gandhi Sookhana Shakti Yojana" of Chhattisgarh state with respect to enhance CAI among students	1,00,000.00	104-
	4.02 A Study of Educational Development scenario among 'KAMAR' (Special Scheduled Tribe) of Chhattisgarh	1,00,000.00	106-
	4.03 A Survey of Training Needs of Teachers Dealing with Children of Special Groups.	1,00,000.00	108-
	4.04 A Study of Gender Gap in literacy attainment in Chhattisgarh	1,25,000.00	111-
	4.05 Compact Disc for Slow Learners of English at Primary Level : Preparation of Self-Learning Materials.	1,05,000.00	

Plans / Projects	Amount Demanded	Page
4.06 Improving the Monitoring Mechanism of B.R.C. & C.R.C.s	50,000.00	113-114
4.07 Preparation and efficacy of tutorial courseware in Mathematics.	2,50,000.00	115-116
4.08 Development of Standarized Achievement Test in Science for class V students of Primary School.	15000.00	117
4.09 Development of Standarized Achievement Test in Mathematics for class V students of Primary School.	15000.00	118
(*), (**), (***) & (****): Please see on the 'Budget Abstract' page.		
ANNEXURES		
(i) Table showing gender wise literacy rate (1951-2001)		119
(ii) Table showing District wise literacy rates 2001		120
(iii) Table showing District wise Populatioin of Chhattisgarh State 2001		121
(iv) Table showing class-wise enrolment (Pre-primary to +2 classes) 2002-03.		122
(v) Table showing class-wise enrolment of S.C. students.		123
(vi) Table showing class-wise enrolment of S.T. students.		124
(vii) Table showing drop-outs, transition rate and GER of students.		125
(viii) Table showing school-wise enrolment 2002--03 and school wise number of teachers.		126
(ix) Table showing annual intake of pre-service B.Ed. & D.Ed. trainees.		127
(x) Table showing assesment of requirement of Pri mary school teachers in the state.		128
(xi) Table showing assesment of requirement of Up per-Primary School teachers in the state.		129
(xii) Table showing assesment of requirement of High School & Higher Secondary teachers in the state.		130
(xiii) Table showing number of teachers of different categories employed during the preceding 05 years.		131
(xiv) Table showing number of schools (District wise) in the state.		132-133
(xv) Table showing proposal for the building estimate of Chhattisgarh SCERT, Raipur.		134
(xvi) Plan for institute- building area.		135
(xvii) Plan showing estimate for construction of building (Stage I).		136-137
(xviii) List of Materials to be purchased for SCERT.		138
(xix) Extract from cabinet approved revised norms of additioinal grants for civil works.		139-140
(xx) List of planning group sub-committee members with their subject of planning.		141
(xxi) Proposed Structure of English Language Teaching Institute.		142
(xxii) Proposed structure for District Centre for English.		143
(xxiii) Administrative setup of School Education.		144-145
(xxiv) No. of Teachers (trained) awaiting employment .		146
(xxv) Total no. of Children in the age groups 6 - 11, 11 - 14, 14 - 18.		147
(xxvi) Abbreviations.		148

Foreword

In pursuance of the revised guidelines for central support to teacher education given by the Working Group on Elementary and Adult Education for the Tenth Five Year Plan (2002-07), Chhattisgarh State Council for Educational Research and Training (SCERT) Raipur has prepared Perspective Plan on various components of Teacher Education. This perspective plan includes 40 comprehensive individual plans delineating clearly their needs and objectives. Nine research projects are also included in this plan. Teacher education in this new state needs a planned and co-ordinated development on all its aspects. Keeping this in view, plans are prepared to improve teacher education scenario in the state. They will help to create a viable institutional infrastructure, an academic and technical resource base for orientation, training and upgrading of knowledge, competence and pedagogical skills of school teachers (Pre-primary, Primary, Upper Primary, Secondary and Higher Secondary levels) of Chhattisgarh state.

Focusing on making teacher education institutes more functional, productive and improving quality of teacher education in the state, all components of teacher education, also recognised as focus areas of teacher education for tenth plan period, are covered in this perspective plan.

In order to prepare this perspective plan, seven sub-committees were formed, to examine in details, the various aspects of teacher education in the state. Committee members conducted several discussions with resource persons, teacher educators, teachers and administrative heads of teacher education institutes. They were assigned specific themes for the preparation of plans, keeping in view the needs, objectives, present status and budget requirements for their implementation during the period 2003-07.

Now various plans included in this perspective plan are being submitted to N.C.T.E. and M.H.R.D., New Delhi to be scrutinized and for their suggestions (if any) for modifying the plans.

Sunil Kujur, IAS
Secretary to School Education
Chhattisgarh State

BUDGET ABSTRACT OF PLANS / PROJECTS

S.No	Components of Teacher Education	Total Amount of the Plan	Remark
1.00	Development and Strengthening of Teacher Education Institutes	29,66,62,500=00	-
2.00	Orientation of School Teachers : Training of Teachers - Pre-service & In- service	7,74,64,417=00	Estimate Amount of Item No. 2.19, 2.24, 2.25 are excluded. They are placed under S.S.A. head.
3.00	Professional Development of Practitioners i.e. Teacher Educators, Managers and Others	3467280=00	
4.00	Research Projects	860000=00	
	Total of S.No. 01 to 04	37,84,54,197=00	

(THIRTY SEVEN CRORES EIGHTY FOUR LACS FIFTY FOUR THOUSAND ONE HUNDRED NINETY SEVEN ONLY.)

NOTE : Proposals under following programmes are being dealt separately with M.H.R.D.Govt. of India, New Delhi.

1.	Upgradation of BTIs into DIETs and establishment of new DIETs (*)	2,06,27,00,000.00	Estimates include salaries of staff, civil works and equipments. It is being dealt separately.
2.	Sarva Shiksha Abhiyan (S.S.A.) (**), (***) & (****)	38,7687535.00	Total of (*), (**), (***) & (****) in contents.

CHHATTISGARH STATE PROFILE

The need for a separate state was felt by the people of Chhattisgarh because of their social, cultural, demographic, industrial and political needs. The new Chhattisgarh state came into existence on 1st November 2000 as the 26th state of the country.

Physical Features :

Chhattisgarh measures about 1,35,133 Sq.Km, which is about 30% of its parent state Madhya Pradesh. Area-wise it holds the tenth place among the states of India.

The State is surrounded by Uttar Pradesh on the north, Jharkhand on the north-east, Orissa on the East, Andhra Pradesh on the South, Maharashtra on the South-east and Madhya Pradesh on the West.

Divisions and Districts of the State:

S.No.	Divisions	Districts
1	Bastar	(i)Kanker (ii)Bastar (iii)Dantewada
2	Bilaspur	(i)Bilaspur (ii)Janjgir-Champa (iii) Korba (iv) Raigarh (v) Jashpur (vi)Sarguja (vii)Koria
3	Raipur	(i)Raipur (ii)Mahasamund (iii)Dhamtari (iv)Durg (v)Rajnandgaon (vi)Kawradha



CHHATTISGARH

Historical Background :

The State has some prehistoric evidences in districts Raigarh and Bilaspur. It has been part of Chedi, Nand-Maurya, Satvahan, Meghvansh, Nalvansh, Kalchuri rules etc. For some time in 1755, it was under the Maratha rulers also. Chhattisgarh, as its name suggests, had 36 forts.

Geographical Features:

A large part of the state lies in the valley of rivers Mahanadi and Sheonath. The western part lies on the Chhota Nagpur plateau and the Southern part on the Deccan plateau. A variety of soil types like brown sandy loam soil, brown gravelly sandy soil, laterite soils make Chhattisgarh the matter of soil.

Climate :

Chhattisgarh has three seasons - summer, rainy and winter seasons. The average temperature throughout the year in the state is reported to be 34°C . The average rainfall is 140cm. During winter the temperature dips to about $16-19^{\circ}\text{C}$. Pendra and Jashpur reach the lowest, with 4-6 degrees and during summer it shoots up to $47-48^{\circ}\text{C}$.

Agro Bio-Diversity:

In the State a large area of agriculture is under rainfed conditions and crops like rice, kodo, kutki, kulthi, cotton, chick-pea, common pigeon-pea are grown. Rice is the staple food for about 2/3rd of mankind. The State is called "**The Rice Bowl**" of India. Besides rice, wheat, maize, gram and pulses like Tuar, Urad, Masoor etc. are usually grown. The most remarkable feature of cropping is utera (double-cropping).

Natural Vegetation and Forest:

The state is rich in forests as its 59285.26sq.km (i.e. about 44%) land is covered with it. The state is endowed with 22 varied forest types; the two major types being, tropical moist deciduous and the tropical dry deciduous forest. There are three national parks and nine sanctuaries. The State bird is pahadi mynah, the state animal is Van-bhainsan and the State tree is Sonai.

Minerals:

Bauxite, coal, lime and iron ore are the main basis of industrial development in the state.

Industries:

Korba, Raipur and Bhilai make the industrial hub of the state. The state is known as the capital of cement. Some major industrial unit are Bhilai Steel Plant, Rashtriya Tap Vidyut Nigam, Bharat Aluminium Co., Darmji Morarji Chemicals. Besides this, the state has small scale industries. Yet only 5% of the population is involved in the industry business.

Social and Cultural Characteristics:

There is a great cultural diversities in the state. The rural culture is full of the traditions and ethical varieties.

The state is surrounded by the six state viz. Orrisa, Jharkhand, Utterpradesh, Madhya Pradesh, Maharashtra and Andhra Padesh. That is why it is the meeting point of various cultures and traditions. Its own culture is full flavouring with the mixture of the cultural heritage of the surrounded state.

The state is rich in tribal stock. There are 43 castes declared as Scheduled Caste and 42 as scheduled tribes. Unfortunately most of the sects are still not aware of the scientific developments and continue to be exploited by the so-called modern society.

Among the social sects there are several people sects which are followers of social reformers and their movements like Kabir Panth, Satnami Panth, Ramnami Panth and Raidas Panth.

The folk music and dances are directly related to the lifestyle of the common people and the festivals are related with nature and harvest. They cannot be separated from the rhythm of the drums and nature. There are some specific folk songs and even instruments like nishan baja, gadwa baja, mohari, tinki etc. Pandwni, Karma, Sarhul, Kaksar, Shailardanda, Rauat Nacha, Panthi Nritya, Gammatare famous folk songs and ballets. Tijan Bai and Devdas are some of the internationally known folk artists.

Annual Intake of B.Ed. Trainees	:	708
Annual Intake of M.Ed. Trainees	:	55
Number of DIETs	:	07
Number of BTIs	:	07
Annual Intake of D.Ed. Trainees	:	700

Information Regarding Vacant Posts of Shiksha Karmis in the State

* Rural Areas

Category	Sanctioned	Filled in	Vacant
Grade 1	815	475	340
Grade 2	2618	1498	1120
Grade 3	10395	9438	957
Total	13828	11411	2417

* Urban Areas

Category	Sanctioned	Filled in	Vacant
Grade 1	154	102	52
Grade 2	191	121	70
Grade 3	526	472	54
Total	871	695	176

*Courtesy DPI office Statistics

Some Gap Areas in Teacher Education

- ☞ Training institutes offering D.Ed., B.Ed. and M.Ed. courses are less in number and annual intake of trained persons is not according to the state -needs. Specially number of M.Ed. trained and persons with M.A. in Education degrees are very less.
- ☞ B.Ed. and D.Ed. trainings are not a part of essential qualification for recruitment of teachers. Hence qualified persons are not attracted towards these courses.
- ☞ None of the universities of this state have regular and separate faculty of education. There are no university B.Ed./M.Ed. colleges to teach education subject. They only conduct B.Ed. and M.Ed. examinations. Hence higher-level guidance in the field of educational research, training, teaching and establishing excellence in teacher education is lacking.
- ☞ Most of the teacher- training colleges of the state are situated in urban areas. Hence persons from rural areas, specially of tribal areas are not benefitted by these training colleges.
- ☞ Regular posting in training institutes is not being practiced at present. Most of the staff members are borrowed from schools and they work against regular posts in these training institutes. In this way training institutes lack in subject experts and highly qualified staff.



Languages and Literature:

The major dialect of the state is Chhattisgarhi. Besides the Chhattisgarh dialects, the state has various languages and dialects.

In the field of literature, Chhattisgarh is rich. Some well-known literary figures like Shri Gajanan Madhav Muktibodh, Gulsher Ahmed Shani, Rajendra Mishra, Dhananjay Verma etc. has contributed much. Similarly some famous poets have also contributed much in this regards

Demographic Scenario :

The total population of Chhattisgarh is 2,07,95,956, of which 1,04,52,426 are males and 1,03,43,530 are females. The male female ratio in Chhattisgarh is 990. The most populous district in the state is Raipur (3009042) and the one least populated is Kawardha (5,84,667). The urban population is 20.08% while the rural population is 79.92%. The Scheduled Caste population is 12.20% and the Scheduled Tribe population is 32.46%.

EDUCATIONAL SCENARIO :

Literacy :

The literacy rate in Chhattisgarh State has gone up since 1951. However the state has to make tireless efforts to achieve the target of 100% literacy. The district with highest literacy rate is Rajnandgaon (with 77.58%) and the lowest literacy rate is in Dantewada (30.01%). There is a marked difference in the literacy rate in the urban and rural areas. According to the 2001 census, the male literacy rate is 77.86 % and the female literacy rate is 52.40 % and thus there is a wide gap between the male and female literacy.

School Education :

The different levels of school education in Chhattisgarh can be broadly categorised into the following 5 groups: Pre-Primary, Primary, Upper Primary, High School, Higher Secondary.

The total number of pupils enrolled in school is 49,06,001. The 2002-03 figures of school education show a sharp decline in the retention rate of pupils over the five stages of school education. However, it is encouraging to note that the girls-boys enrolment ratio is fair.

There are a total of 1,18,369 teachers teaching in schools. That assures a 1:43 teacher-pupil ratio. Percentage of trained teacher is 46.65.

Teacher Education :

There are 8 teacher education colleges in the state, 2 of which are government colleges. Among the two government colleges one is an Institute for Advanced Studies in Education and one is College for Teacher Education.

Data related to teacher education in Chhattisgarh state upto session 2002-03 are presented below :

No. of Educational Districts	:	19
Number of Blocks	:	146
Number of B.Ed. Training Colleges	:	08
I.A.S.E. (Govt. College of Education)	:	01
CTE (Govt. College of Education)	:	01
Private B.Ed. Training Colleges	:	06
Number of P.G.Colleges of Education offering M.Ed. Course	:	03

List of Planning Group Sub-Committee Members with Their Subject of Planning.

Subject Areas of Planning	Sub-Committies
Establishment of SCERT /CTE	Shri N.K. Pradhan, Asstt. Director SCERT - Convener Shri M. Nimje, Asstt. Prof. SCERT - Member Shri U.S. Kshatri, Lecturer, SCERT - Member Shri J Shankar, Lecturer, SCERT - Member Shri V.S. Markam, Principal, .DIET, Raipur - Member Shri C.S.Nag, Principal, .BTI, Kanker - Member Shri V.S. Ojha, Principal, .BTI, Jashpur - Member
Strengthening of IASE/CTE & Capacity Building of Secondary and Higher Secondary school teachers	Smt. P. Awasthi, Principal, CTE, Raipur - Convener Smt. A. Kujur, Principal, IASE, Bilaspur - Member Shri Alok K.Sharma, Coordinator, CTE, Raipur - Member Dr. R. S. Yadav, Asstt. Prof. IASE, Bilaspur - Member Shri S.S. Parihar, Lecturer, IASE, Bilaspur - Member Shri D. Jagtap, Registrar, Board of Sec. Edu.C.G. - Member Shri V.S.Tiwari, Asstt. Director, DPI office, Raipur - Member
Capacity Building Training of Elementary School Teachers	Shri R.C. Pandaw, Asstt.Prof. SCERT, Raipur- Convener Shri B.Raghu, Lecturer, SCERT - Member Shri B.R.Sahu, Lecturer, SCERT - Member Shri M.Sudhish, Asstt.Director, SPO, RGSM - Member
Establishment of ELTI, DCE & Preparation of State Profile	Smt. S.N.Ali Lecturer. SCERT, Raipur - Convener Smt. J.Kurian, Lecturer, SCERT - Member Shri S. Kushwaha, Lecturer, DCE, Bilaspur - Member Dr. C.S. Vazalwar, Lecturer, DCE, Bilaspur - Member Miss S. Bhattacharya, Lecturer, .DCE, Bilapur - Member
Training in Languages, Environmental Education and Social Studies (Pre-Primary) & Elementary Stage	Dr. S.R.Sharma, Lecturer. SCERT, Raipur - Convener Shri S.K.Verma, Lecturer, SCERT - Member Smt. Archana Verulkar, Lecturer, .SCERT - Member Shri V.K.Tiwari, Lecturer, SCERT - Member Smt. Smriti Sharma, Lecturer, SCERT - Member
Training in Science & Preparation of Teaching Aids	Dr. B.D.Karmakar, Asstt. Prof. SCERT, Raipur- Convener Shri Deepankar Bhowmik, Lecturer, .SCERT - Member Smt. Shubha Tiwari, Lecturer, .SCERT - Member Smt. Jyoti Chakraborty, Lecturer, SCERT - Member Smt. Anupama Nalgundwar Lecturer, SCERT - Member
Other Extension Services : Inclusive Education & Value Education	Shri O.P. Mishra, Lecturer, SCERT, Raipur - Convener Shri J. Shankar, Lecturer, SCERT - Member Shri Y.S. Verma, Lecturer, DIET - Member Shri S. Mishra, DPO, Durg - Member

1.00 DEVELOPMENT AND STRENGTHENING OF TEACHER EDUCATION INSTITUTES

1.01 TITLE : ESTABLISHMENT OF SCERT AND STRENGTHENING OF ITS INFRASTRUCTURE

Objectives : A well established and well equipped SCERT will help :-

- ▶ development of curriculum and text books for Formal as well as Non Formal education .
- ▶ provide technical support to education .
- ▶ develop better evaluation techniques in the field of education .
- ▶ provide in service training to pre-primary, primary, upper primary teachers.
- ▶ impart qualitative reforms in educational research and educational system.
- ▶ develop interdisciplinary approach to solve educational problems.

Present Status :

At present SCERT Chhattisgarh is not having its own building .It is running in the building of DIET Raipur .This is an acute shortage of physical facilities at SCERT . Moreover there is a need to provide computers to computer cell .Looking at all these shortages, there is a need for capacity building of SCERT .In this project strengthening of SCERT is meant by -

- ▶ There is a need to orient the staff of SCERT.
- ▶ To provide Physical Infra-structure like furnitures, computer,overhead projectors, LCD with Lap top .
- ▶ To Provide Library,Educational technology related material,confrence Hall with Public confrence system ,Telescope,35 mm Film projector ,Video Camera etc. The list of all above mentioned items is attached in annexure xix .

Period of Execution :

SCERT came in to existence on 1.11.2000 .But still it is neither well established nor has well developed infrastructure. The period of Execution for strengthening the SCERT is proposed to be 2003-2005.

Civil Work : Building for SCERT :

At present SCERT Chhattisgarh is fuctioning in the 6 rooms provided by DIET Raipur .There is a plan to build new building for Council on barren land of DIET. In this regard an estimate has been made by Executive Engineer (PWD) Chhattisgarh. Council is trying to have map of building through PWD.

Building Construction plan :

Area : 20,150 Square Feet

Budget Proposal :

Establishment of SCERT/ Strengthening of the In-frastructure

S.N	Work Discription	Period	Estlmate. (Cores)	Period	Estimate for Const. (Crores)	Total Estimate of Plan (Crores)
1.	SCERT Raipur-					
	(a) Building Construction	2003-04	1.43	2005-08	-	1.43
	(b) Staff quarters of SCERT	2003-05	1.027	2005-08	-	1.027
2	Strengthening of SCERT- Providing Physical Infrastructure, furniture Almirah, Library, Educatio- nal Technology Confrence Hall,Confrence System	2003-05	0.01	2005-08	0.01	0.02
	Total	2003-05	2.467	2005-08	0.31	2.477

Total Estimate for the X Plan Period = 4.944 Crores



1.02 TITLE : ESTABLISHMENT OF NEW COLLEGES OF TEACHER EDUCATION (CTE)

New Chhattisgarh State has only one **College of Teacher Education** in the form of Govt. College of Education, Raipur. Apart from this state has only one **Institute of Advanced Studies in Education** in the form of Govt. College of Education, Bilaspur. As per norm given in the revised guidelines for Central Assistance for Teacher Education, Chhattisgarh State is entitled to have at least three more CTEs for its 16 districts at the rate of one CTE per three districts. Keeping this norms in view, budget plan for opening three new CTEs is included in this perspective plan.

Objectives :

- ▶ To Provide In-Service Training of Secondary School Teachers covering all 16 districts.
- ▶ To perform other activities to upgrade quality of secondary schools.
- ▶ To formulate and implement the small projects with schools.
- ▶ To raise annual intake of trained graduate teachers in order to meet state needs.

Implementation Period : (2003-05)

Proposal for establishment of three new Colleges of Teacher Education is given below :

S.N.	Name of Three Contiguous Districts Not having CTE	Proposed CTE	Remark
1.	Sarguja, Koriya, Jashpurnagar	College of Teacher Education Ambikapur (Sarguja)	Being a big district of tribal belt, priority given to Aambikapur
2.	Bastar, Kanker, Dantewada	College of Teacher Education Bastar (Jagdalpur)	Being big & centrally situated district, priority given to Jagdalpur
3.	Rajnandgaon Kawardha, Durg	College of Teacher Education Rajnandgaon	Durg has several private B.Ed. colleges, hence priority given to Rajnandgaon

Budget Proposal :

As per memo no. F-49-35/99/TE-II m GOI, MHRD, Budget proposal is given below :

1. Civil works :	0.85*3	=	2.55 Crores
2. Equipments :	0.20*3	=	0.60 Crores
Total			3.15 Crores



1.03 TITLE : UPGRADATION OF BTIS INTO DIETS AND ESTABLISHMENT OF DIETS

Objectives :

- ▶ To improve educational system of the state by upgrading old BTIs in to modern DIETs. Thereby fulfilling the norm of one district one DIET in the state .
- ▶ To fulfill the instruction of MHRD to abolish BTIs and replace them by DIET.

Present Status :

There are 16 districts in Chhattisgarh state out of which 7 districts have DIET's and 9 districts are having BTIs run by Department of Education . Two districts have BTI's run by TWD . There is a need to establish new DIETs in the remaining 02 districts which have neither BTIs nor DIETs .

New Proposal for DIETs :

At present 07 DIETs are working in Chhattisgarh state. They are at Raipur, Pendra, Bemetara, Bastar, Dharamjaygarh, Ambikapur and Khairagarh. 07 districts are having BTIs and there are two districts which have neither BTI nor DIET but there is a plan to establish DIETs in these districts. Existing position is given below

S No	Institution	Districts	Department	Remarks
1.	BTI, Nagari	Dhamtari	Education	Proposed to upgrade as DIET
2.	BTI, Mahasamund	Mahasamund	Education	Proposed to upgrade as DIET
3.	BTI, Janjgir	Champa	Education	Propose to upgrade as DIET
4.	BTI, Kanker	Kanker	TWD	Propose to upgrade as DIET
5.	BTI Jashpur Nagar	Jashpur	TWD	Propose to upgrade as DIET
6.	BTI, Bilaspur	Korba	Education	Propose to upgrade as DIET
7.	BTI, Dongargaon	Kawardha	Education	Propose to upgrade as DIET
8.	-	Korea,	Education	Formation of new DIET
9.	-	Dantewada	Education	Formation of new DIET

The process after the establishment of task force for the upgradation / new DIETs are giving on

Estimated Expenditure :

◆	S.No. 1 to 7 upgradation of BTIs into DIETs		1.1 cr. x 7	7.70 Cr.
◆	S.no 8 and 9 formation of new DIETs		1.75 cr. x 2	3.50 Cr.
◆	Establishment expenditure for proposed 9 DIETs		5.30 cr. x 9	47.70 Cr. Per Y
	Salaries and allowance of officers / employees	For 2005 - 08	47.70 cr. x 3	143.10 Cr.
	Completion of pending civil works , instruments (Development of computer department , pre primary teacher training and contingencies	For 2003-05		1.75 Cr.
	for office staff	For 2005 -08		2.52 Cr.
Total				206.27 Crore

1.04 TITLE : ESTABLISHMENT OF ENGLISH LANGUAGE TEACHING INSTITUTE.

Objectives :

(A) Material Production :

- ▶ Preparation and review of syllabus in ELT at various levels of school education.
- ▶ Preparation, revision and review of text books of English prescribed for all the classes at school level.
- ▶ Preparation and publication of teacher's guide for various levels including model question papers.

(B) Teachers' Training :

▶ In-service training programme

(i) Long term programmes -

- ◆ Post Graduate Diploma in Teaching English (PGDTE) 01 year course for Govt. Higher Secondary school teachers.
- ◆ Post Certificate in Teaching English. (PGCT) 03 -month course - 02 batches for Govt. High School teachers.
- ◆ Correspondence cum Contact Programmes (CcC) 01 year course for C.B.S.E.school teachers -High School & Higher Secondary School teachers

(ii) Short term programmes -

- ◆ 10 - one month courses for Govt. Middle & Primary Schools Teachers
- ◆ Orientation programmes, workshops, seminars etc.
- ◆ Pre service training programmes:
- ◆ B.Ed. in English for fresh candidates(one year course)

(C) Research work and innovative practices in ELT.

(D) ESP courses, need-based courses.

Present Status :

Chhattisgarh does not have an ELTI. The proposal for setting the ELTI has been sent to the Ministry of Human Resource Development, New Delhi.

Plan of Action :

Just like other states of India Chhattisgarh needs an ELTI. This newly born state has put on stress on teaching English. As a second language right from class I.

SNo.	Furniture	Qty.	Amount
(A)	Office & Staff Room		
	Table-chairs	12 pairs	25,000
	Almirahs	6 Nos.	48,000
	Accessories	–	10,000
	Type Writer (English)	01 Nos.	10,000
	Type Writer (Hindi)	01 Nos.	10,000
	Duplicating Machine	01 Nos.	15,000
	Computers with Printers & Tables	02 Nos.	1,00,000
		TOTAL	2,18,000.00
(B)	Staff Room		
	Table/chairs	15 pairs	35,000.00
	Almirahs	15 Nos.	1,00,000.00
	Class Room/Hall – Table & Chairs	300 pairs	1,00,000.00
	Director's Room – Centre Table	01	10,000.00
	Side table	01	2,000.00
	Director's Chair	01	6,000.00
	Chairs	12	12,000.00
	Language Lab	25 pairs	25,000.00
	Library – Reading tables	8 seaters	40,000.00
	Bookshelves (Almirahs)	30	90,000.00
	Pigeon holes	2	10,000.00
	Table Large (Large)	01 pair	3,000.00
	Chairs	4 Nos.	4,000.00
	Index Rack	2	4,000.00
	Journal stand	2	20,000.00
		TOTAL	4,61,000.00
(C)	Office Automation		
1.	Photocopier with table	01	1,50,000.00
2.	LCD with screen	01	2,05,000.00
3.	OHP with stand screen	01	10,000.00
4.	TV/Tape recorders	01+02	50,000.00
5.	Speakers with amplifier set	02	20,000.00
6.	Lap Top Computer	01	1,25,000.00
7.	Language lap equipment	25	1,00,000.00
			6,60,000.00
(D)	Other Accessories		
	White Boards (Large)	4	25,000.00
	Bulletin Board	3	6,000.00
	Notice Board	6	10,000.00
	Lecture stands	6	12,000.00
		Total	53,000.00
	Grand Total		13,92,000.00



1.05 TITLE : OPENING OF NEW DISTRICT CENTRES FOR ENGLISH (D.C.E.)

Chhattisgarh has put a lot of stress on including English right from class-1. The state needs to be well equipped to provide training to the teachers for meeting this challenge of teaching English. Hence like many other states in the country, Chhattisgarh too needs to set up District Centres for English. A proposal for setting up two new District Centres for English have been sent to the Secretary, Department of Education, Ministry of Human Resource Development, Shastri Bhavan, New Delhi. The two new D.C.E.s are proposed to be opened in the tribal places – Ambikapur and Bastar.

OBJECTIVES :

- ▶ To provide saturation level training to all teachers of English in the state, especially in the rural areas, through short orientation courses followed by long-term professional support and guidance in the form of correspondence-cum-contact programme.
- ▶ To achieve saturation training in the most economical way and the shortest possible period of time.
- ▶ To identify and develop leadership potential among teachers of English who could be given a higher and more intensive course so that their services could be utilised by the state government in its ELT programmes.
- ▶ To provide consultancy services and academic support to school administration at the district level.
- ▶ To serve as an ELT Resource centre by building up a library of ELT reference materials, extensive reading materials, audio-visual aids, etc.
- ▶ To promote the need for self-development among teachers through closer with their colleagues.
- ▶ To provide opportunities for non-formal learning of English for school drop-outs, various professional groups and particularly for learners from disadvantaged sections of the society.

Establishment of District Centres for English at Ambikapur and Bastar

1. Proposal for Infrastructure :

S.No.	Building	No. of Rooms
1.	Office Room with Store room	02
2.	Room for the Principal	02
3.	Staff Room (3 persons)	02
4.	Classrooms (for 100 persons)	02
5.	Language Lab	02
6.	Audio-Video Room	02
7.	Lavatory	02
8.	Library	02

Estimated Amount = Rs.50,00,000.00 (Fifty lacs)

2.

SNo.	Furniture	Quantity	Amount
1.	Office & Staff Room		
	Table-chairs	6 pairs	25,000
	Almirahs	6 Nos.	48,000
	Accessories	—	10,000
	Type Writer (English)	02 Nos.	20,000
	Type Writer (Hindi)	02 Nos.	20,000
	Duplicating Machine	02 Nos.	30,000
	Computers with Printers & Tables	2 sets	1,00,000
		TOTAL	2,53,000

3. **Equipments (Electronics)**

Photocopier with table	2	3,00,000
OHP with stand and screen	2	20,000
TV/Tape Recorder	2+2	1,00,000
Speakers with amplifier set	02	40,000
	TOTAL	4,60,000

Total budget estimate for items 1,2,3 above Rs. 57,13,000 = 00



1.06 TITLE : INFRASTRUCTURAL DEVELOPMENT (PHYSICAL RESOURCES) OF DIETS

Objectives : At Present there are 07 DIETs in new state Chhattisgarh. All these DIETs do not have their infrastructures and they urgently needs their strengthening.

A well established and well equipped DIET will help :-

- ▶ To make all DIETs more functional and productive.
- ▶ To develop their infrastructure so that they may perform effective monitoring and supervision.
- ▶ To enable them to perform effective pre-service & in-service training.
- ▶ To popularise use of computer and other means of educational technology in pre-service and in-service training of elementary school teachers.

Budget Proposals :

Budget proposals are given on next page.

21

**1.07 TITLE : INFRASTRUCTURAL DEVELOPMENT(PHYSICAL RESOURCES) OF
I.A.S.E./C.T.E.**

Objectives :

- ▶ To make I.A.S.E. and C.T.E. more functional and productive.
- ▶ To motivate for using computers and other E.T. equipments in pre -service and in-service training of teachers.
- ▶ To provide both basic and modern facilities to seminarians, teacher educators and all kinds of trainees.
- ▶ To make I.A.S.E and C.T.E. more attractive and facilitative to all kinds of participants.

Budget Proposals :

Budget proposals are given on next page.

1.08 TITLE : ESTABLISHMENT OF STATE INSTITUTE OF EDUCATIONAL MANAGEMENT AND TRAINING (SIEMAT) IN CHHATTISGARH.

Introduction :

The SIEMAT has emerged, as the focal point of dynamic research environment, in collaboration with regional, national and international institutes. The main aim and vision to establish this institute is to monitor genuine change in the educational system and strengthen its research and analytic capacity. SIEMAT is a new concept for transforming vision into reality in the field of education.

Objectives :

- ▶ To conduct research, evaluation and experimentation in planning and management at all levels of administration.
- ▶ To develop and manage system of educational assesment.
- ▶ To provide professional and resource support in educational planning and managerment at all levels of administration.
- ▶ To organize pre-induction, inservice training programmes and orientation courses for educational functionaries and community leaders at state, regional and districts levels.
- ▶ To document and disseminate State, National and Internatuional level in the area of educational planning, management and assesment.
- ▶ To establish a network with other government and non-government organisations, institutions and agencies within and outside the state for training, research, monitoring and evaluation in the areas of educational planning, management and assesment.
- ▶ To undertake, aid, promote and coordinate research activities including comparative studies in planning techniques.
- ▶ To offer, on request, consultancies services to states other than the state of Chhattisgarh, Govt. of India and other educational institutions.
- ▶ To provide, on request, facilities for training and research in educational planning and administration to other state and collaborate with them in ssuch programmes.

Budget :

(a)	Civil Works	-		Rs. 3,00,00,000=00
(b)	(For session 2003-04)			
	Training	-	Rs. 38,50,000=00	
	Research work	-	Rs. 54,00,000=00	
	Salary of Staff	-	Rs. 73,42,100=00	
	Seminars / Workshops	-	Rs. 4,50,000=00	
	Meetings	-	Rs. 3,50,000=00	
	Capacity and quality Enhancement programmes for the staff		Rs. 8,00,000=00	
	Library	-	Rs. 12,00,000=00	
	Infrastructure Development and Maintenance	-	Rs. 36,25,000=00	
Total			Rs.2,30,17,100=00	
Total Budget for 05 Sessions			2,30,17,100 *5	= Rs.11,50,85,500=00
Grand Total for (a) & (b)				= Rs. 14,50,85,500=00

(Rs. Fourteen Crores Fifty Lacs Eighty Five Thousand and Five Hundred only)

* Courtesy : Budget estimates 2002-03 of SIEMAT Allahabad, Uttar Pradesh.

2.00 **ORIENTATION OF SCHOOL TEACHERS : TRAINING OF TEACHERS, PRE-SERVICE & IN-SERVICE**

2.01 **TITLE : WORKSHOP OF SECONDARY SCHOOL TEACHERS ON ACTION RESEARCH.**

1. **Target Group :**

Approx. 500 teachers of Secondary schools. Three days duration for one round. It is proposed 02 round of programme per academic year as well as follow-up programmes. In each round 50 teachers will be trained.

2. **Objectives :**

- ▶ To improve research activities for solution of local problems.
- ▶ To uplift scholastic achievement of students studying in various classes.
- ▶ To develop skills of employees working at different levels like teaching, administration etc.
- ▶ To solve problems related to discipline among teachers and students.

3. **Modus Operandi :**

3.1 **Time Schedule :** 05 hours daily for 03 days in 02 rounds in 01 academic session

3.2 **Mode of Training :** Workshop

3.3 **Different Levels & Personnel involved :**

Faculties of CTE & Research personnel as RPs., Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 **Criteria for Selecting RPs :**

Persons who are engaged in research activities and experience in the field of Action research.

3.5 **Time Table :**

05 hours daily for 03 days. Preparing plans on Action Research in different areas.

3.6 **Arranging Resource Materials :**

Text Books & Reference Books will be arranged from the CTE library & School Library.

3.7 **Venue for the Training :** Govt. College of Teacher Education Raipur.

3.8 **Facilities for Lodging & Boarding :** Hostels of CTE & Hostel of DIET Raipur.

3.9 **Equipping Training Hall :**

Training hall should be equipped with one over head projector, slide projector and board with seating arrangement. Posters & Charts will be displayed.

3.10 **Developing Different Format :**

1. Registration Form 2. Expectation Form 3. Questionnaire 4. Suggestion

24

4. **Budgeting :**

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*03	900.00
2.	Remuneration to Project co-ordinator	01	250.00	250*03	750.00
3.	Remu. to RPs	05	200.00	200*5*03	3000.00
4.	T.A. for Participants and RPs	50+5	100.00	100*55*2	11000.00
5.	D.A. for Participants and RPs	50+5	90.00	90*55*05	24750.00
6.	Remu. to Clerk	01	60.00	60*03	180.00
7.	Remu. to Typist	01	60.00	60*03	180.00
8.	Remu. to peon	02	40.00	40*2*03	240.00
9.	Stationery & Material	50+7	300.00	300*57	17100.00
10.	Miscellaneous Expenditure	50+7	20.00	20*57	1140.00
11.	Refreshment & Working Lunch	50+7	50.00	50*57*03	8550.00
12.	Fuel	-	100.00	100*03	300.00
13.	Reference Books, Teaching Learning Materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					78090.00

Total Budget of the Programme :

Total 4 Round Programme Proposed For the First Phase & 6 Round Programme Proposed for the Second Phase.

i.e. Total Amount for 10 Programmes 78090.00*10 780900.00

(Rs. Seven lac eighty thousand nine hundred only)

5. **Documentation :**

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Trainees.
- ◆ Time Table
- ◆ Correspondence Records
- ◆ Receipts of Expenditure

6. **Determining Risk Factors & Possible Strategies :**

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - Contact with the DEO for the arrangement.

7. **Evaluation of the Programme :** Evaluation of the Programme will be done through-z
1. Post Test of Trainees. 2. Continuous Observation of Trainees 3.Opinion of Trainees.

8. **Follow-up & Feedback :**

Periodically checking, monitoring & supervision and extension lectures in problem areas.

2.02 TITLE : TRAINING OF SECONDARY SCHOOL TEACHERS TO TEACH HINDI LANGUAGE.

1. लक्ष्य समूह : उच्च और उच्चतर माध्यमिक विद्यालयों के 500 शिक्षक

2. उद्देश्य :

- ▶ हिन्दी भाषा और साहित्य के प्रति अनुराग पैदा करना ।
- ▶ हिन्दी भाषा के चारों कौशलों में दक्षता पैदा करना ।
- ▶ हिन्दी व्याकरण के अनुसार शुद्ध प्रयोग की क्षमता विकसित करना ।
- ▶ शिक्षकों में सौंदर्यानुभूति और सृजनशीलता का विकास करना ।
- ▶ पाठ्यपुस्तकों के कठिन अंश को समझने में सक्षम बनाना ।
- ▶ हिन्दी भाषा में शुद्ध लेखन एवं शुद्ध वाचन करने में सक्षम बनाना ।
- ▶ हिन्दी भाषा में विभिन्न विधाओं में साहित्य सृजन के योग्य बनाना ।

3. कार्ययोजना का स्वरूप :

- 3.1 समयावधि : एक अकादमिक सत्र में दो चक्रों में तीन दिवसों तक 05 घंटे प्रतिदिन ।
- 3.2 प्रशिक्षण पद्धति : विचार, समूह चर्चा, गोष्ठी
- 3.3 विभिन्न स्तर पर सहभागिता : कुछ विभिन्न विधाओं में चयनित हिन्दी भाषा के -
(क) साहित्यकार शिक्षक स्रोत पुरुष के रूप में ।
(ख) पाठ्यक्रम निदेशक, कार्ययोजना समन्वयक, लिपिक, चपरासी एवं प्रशिक्षु ।
- 3.4 मुख्य स्रोत पुरुष चयन का आधार : (क) हिन्दी भाषा के साहित्य लेखन में रुचि
(ख) हिन्दी भाषा शिक्षण का अनुभव
(ग) हिन्दी भाषा समूह चर्चा में सहभागिता का अनुभव
- 3.5 समय विभाग चक्र : प्रतिदिन 4 व्याख्यान 01 घंटे अवधि युक्त एवं मध्याह्न भोजन अवकाश
- 3.6 स्रोत सामग्री की व्यवस्था : (क) चयनित एवं पाठयांश केन्द्र संदर्भ पुस्तकें
(ख) शिक्षक मार्गदर्शिका
(ग) दृश्य-श्रव्य सामग्री
- 3.7 प्रशिक्षण स्थल : शासकीय शिक्षा महाविद्यालय, शंकर नगर, रायपुर
- 3.8 ठहरने की व्यवस्था : महाविद्यालय एवं समीपस्थ डाइट का छात्रावास
- 3.9 प्रशिक्षण सभा की व्यवस्था : (क) व्याख्यान कक्ष को अनिवार्य सहायक शिक्षण सामग्री
(ख) दृश्य-श्रव्य उपकरण आदि से व्यवस्थित हो
- 3.10 विकसित प्रपत्र : (क) पंजीयन प्रपत्र
(ख) प्रशिक्षार्थियों की अपेक्षाओं से संबंधित प्रपत्र
(ग) प्रश्नावली
(घ) सुझाव प्रपत्र

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*03	900.00
2.	Remuneration to Project Co-ordinator	01	250.00	250*03	750.00
3.	Remu. to RPs	04	200.00	200*4*03	2400.00
4.	T.A. for Participants and RPs	50+4	100.00	100*54*2	0800.00
5.	D.A. for Participants and RPs	50+4	90.00	90*54*05	24300.00
6.	Remu. to Clerk	01	60.00	60*03	180.00
7.	Remu. to Typist	01	60.00	60*03	180.00
8.	Remu. to peon	02	40.00	40*2*03	240.00
9.	Stationery & Material 16800.00		50+6	300.00	300*56
10.	Misc Expenditure	50+6	20.00	20*56	1120.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*03	8400.00
12.	Fuel	-	100.00	100*03	300.00
13.	Reference Books & Teaching Learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					76370.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Pharse :& 6 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 10 Programmes

76370*10

763700.00

(Rs. Seven Lac Sixty Three Thousand Seven Hundred Only)

5. अभिलेख सामग्री : (क) स्रोत पुरुष द्वारा प्रदत्त व्याख्यान की प्रतिलिपि
(ख) सहायक शिक्षण सामग्री
(ग) पूर्व एवं पश्चात मूल्यांकन पत्रक एवं परिणाम
(घ) कठिन पाठयांशों की सूची
(ङ) प्रशिक्षु द्वारा प्रदत्त व्यावहारिक सुझावों की सूची
6. कार्यक्रम का मूल्यांकन : (क) प्रशिक्षुओं की पूर्व रुचि
(ख) प्रशिक्षुओं की सतत मार्गनिर्देशन, अवलोकन
(ग) प्रशिक्षुओं के सामायिक सुझाव
7. कार्ययोजना का तारतम्य एवं पुनर्बलन : प्रत्येक त्रैमासिक में निरीक्षण, मार्गदर्शन एवं पुनर्बलन देना।



2.03 TITLE : TRAINING OF SECONDARY SCHOOL TEACHERS TO TEACH ENGLISH LANGUAGE.

1. Target Group : 500 Teachers of Secondary & Higher Secondary schools.

2. Objectives : To enable the teachers / Trainees :-

- ▶ To attain efficiency and effectiveness in teaching and learning English Language.
- ▶ To have a critical study of English as a second language in the multi lingual Indian Society.
- ▶ To understand the roll of English in India and improve English language attainment and cognitive skills.
- ▶ To be committed inspired and interested in teaching learning English.
- ▶ To teach with skill using interrectional mode, to evaluate himself / hersself in people and inculcate right language habbits.

3. Modus Operandi :

3.1 Time Schedule : 05 hours daily for 15 days in 02 rounds in 01 academi session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Some experts in the field of English language as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Crieteria for Selecting RPs :

- (i) Knowledge of English Teaching.
- (ii) Experience of working in the field of English Language.

3.5 Time Table :

04 lectures (Each of one hour) daily on different topic & 01 hour for lunch break.

3.6 Arranging Resource Materials :

1. Reference Books on English, Teachers' Guide
2. Preparing some transparencies.

3.7 Venue for the Training : Govt. CTE, Raipur.

3.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of D

3.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector & black board with seating arrangement.

3.9 Developing Different Format :
1. Registration Form
2. Expectation Form
3. Questionnaire
4. Suggestions.

4. **Budgeting :**

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*15	4500.00
2.	Remuneration to Project co-ordinator	01	250.00	250*15	3750.00
3.	Remu. to RPs	04	200.00	200*4*15	12000.00
4.	T.A. for Participants and RPs	50+4	100.00	100*54*2	10800.00
5.	D.A. for Participants and RPs	50+4	90.00	90*54*17	82620.00
6.	Remu. to Clerk	01	60.00	60*15	900.00
7.	Remu. to Typist	01	60.00	60*15	900.00
8.	Remu. to peon	02	40.00	40*2*15	1200.00
9.	Stationery & Material	50+6	300.00	300*56	16800.00
10.	Miscellaneous Expenditure	50+6	20.00	20*56	1120.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*15	42000.00
12.	Fuel	-	100.00	100*15	1500.00
13.	Ref. Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					188090.00

Total Budget of the Programme -

Total 4 Round Programme Proposed For the First Pharse & 6 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 10 Programmes 188090*10 **1880900.00**

(Rs. Eighteen Lac Eighty Thousand Nine Hundred)

5. **Documentation :**

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Training.

6. **Determining Risk Factors & Possible Strategies :**

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be post poned.

7. **Evaluation of the Programme :** Evaluation of the Programme will be done through-

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion of Trainees.

10. **Follow-up & Feedback :** Quarterly monitoring & supervision and then follow up & feedback.

24

2.04 Title : Training of Secondary School Teachers to teach Sanskrit Language

1. Target Group : 200 Teachers of High & Higher Secondary Schools.

2. Objectives :

- ▶ To make the teachers understand Sanskrit Grammar..
- ▶ To make the teachers understand the difficult part of the book.
- ▶ To make the teachers capable to understand to translate sentences of Hindi into Sanskrit.
- ▶ To enable teachers to be perfect in skill of Sanskrit reading.

3. Modus Operandi :

3.1 Time Schedule :

05 hours daily for 03 days in 01 round in 01 academic session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Some experts in the field of Sanskrit language as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs :

- ◆ Knowledge of Sanskrit Teaching.
- ◆ Experience of working in the field of Sanskrit Language.

3.5 Time Table :

04 lectures (Each of one hour) daily on different topic & 01 hour for lunch break.

3.6 Arranging Resource Materials :

- ◆ Reference Books on Sanskrit, Teacher Guide etc.
- ◆ Preparing some transparencies.

3.7 Venue for the Training : Govt. College of Teacher Education, Raipur

3.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIETs.

3.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.9 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation Form
- ◆ Questionnaire
- ◆ Suggestions.

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*03	900.00
2.	Remuneration to Project co-ordinator	01	250.00	250*03	750.00
3.	Remu. to RPs	04	200.00	200*4*03	2400.00
4.	T.A. for Participants and RPs	40+4	100.00	100*44*2	8800.00
5.	D.A. for Participants and RPs	40+4	90.00	90*44*05	19800.00
6.	Remu. to Clerk	01	60.00	60*03	180.00
7.	Remu. to Typist	01	60.00	60*03	180.00
8.	Remu. to peon	02	40.00	40*2*03	240.00
9.	Stationery & Material	40+6	300.00	300*46	13800.00
10.	Miscellaneous Expenditure	40+6	20.00	20*46	920.00
11.	Refreshment & Working Lunch	40+6	50.00	50*46*03	6900.00
12.	Fuel	-	100.00	100*03	300.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					65170.00

Total Budget of the Programme -

Total 2 Round Programme Proposed For the First Pharse & 3 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 05 Programmes 65170.00*05 **325850.00**

(Rs. Three Lac Twenty Five Thousand Eight Hundred Fifty only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Trainees.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be post poned.

7. Evaluation of the Programme :Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion of Trainees.

8. Follow-up & Feedback :

Quarterly monitoring & supervision and then follow up & feed back.



2.05 TITLE : TRAINING OF SECONDARY SCHOOL TEACHERS TO TEACH SCIENCE (PHYSICS)

1. Target Group : 500 teachers of Higher secondary schools.

2. Objectives :

- ▶ To make the teachers understand the scientific thoughts, principles and laws.
- ▶ To develop problem solving attitude.
- ▶ To develop scientific attitude.
- ▶ To develop habit of using science in daily life.
- ▶ To choose right methods for a given situation, the teacher must be familiar with different methods of teaching.

3. Modus Operandi :

3.1 Time Schedule : 05 hours daily for 15 days in 02 rounds in 01 academic session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Teachers of CTE & some experts in the field as RPs. Also Course Director Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs :

Knowledge in the field & Experience of teaching in training programme.

3.5 Time Table :

04 lectures (Each of one hour) daily on different topics & 01 hour for lunch break.

3.6 Arranging Resource Materials :

- ◆ Science books of secondary levels
- ◆ Teaching aids.
- ◆ Slides / films and other Audio-Visual aids.

3.7 Venue for the Training : Govt. GCE Raipur.

3.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIET.

3.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.10 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation Form
- ◆ Questionnaire
- ◆ Suggestions.

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*15	4500.00
2.	Remuneration to Project co-ordinator	01	250.00	250*15	3750.00
3.	Remu. to RPs	04	200.00	200*4*15	12000.00
4.	T.A. for Participants and RPs	50+4	100.00	100*54*2	10800.00
5.	D.A. for Participants and RPs	50+4	90.00	90*54*17	82620.00
6.	Remu. to Clerk	01	60.00	60*15	900.00
7.	Remu. to Typist	01	60.00	60*15	900.00
8.	Remu. to peon	02	40.00	40*2*15	1200.00
9.	Stationery & Material	50+6	300.00	300*56	16800.00
10.	Miscellaneous Expenditure	50+6	20.00	20*56	1120.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*15	42000.00
12.	Fuel	-	100.00	100*15	1500.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					188090.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase & 6 Round Programme Proposed for 2nd Phase.

i.e. Total Amount for 10 Programmes 188090*10 **1880900.00**

(Rs. Eighteen Lac Eighty Thousand Nine Hundred Only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Trainees.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less then the programme will be postponed.

7. Evaluation of the Programme :

Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous Observation of Trainees
- ◆ Opinion of Trainees.

10. Follow-up & Feedback :

Monthly monitoring & supervision and then follow up & feedback.

2.06 Title : Training of Secondary School Teachers to teach Science (Chemistry).

1. Target Group : 500 teachers of Secondary schools.

2. Objectives :

- ▶ To strengthen the concept develop at a secondary level and further develop near concept to provide a sound background for higher studies.
- ▶ To develop a competence in students to offer professional courses like engineering, medicine etc. as their future career.
- ▶ To acquaint the students with different aspects of chemistry used in daily life & enable them to recognise that chemistry plays an important role in the service of man.
- ▶ To develop an interest in students to study chemistry as a discipline.
- ▶ To provide relevant content materials useful for vocational courses.
- ▶ To expose the students to different processes used in industries and their technological applications.
- ▶ To choose right methods for a given situation, the teacher must be familiar with different methods of teaching.

3. Modus Operandi :

3.1 Time Schedule : 05 hours daily for 15 days in 02 rounds in 01 academic session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Teachers of CTE & some experts in the field as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs :

Knowledge in the field & Experience of teaching in training programme

3.5 Time Table :

04 lectures (Each of one hour) daily different topic & 01 hour for lunch break

3.6 Arranging Resource Materials :

- ◆ Science books for secondary levels
- ◆ Teaching aids.
- ◆ Slides / films and other audio-visual aids.

3.7 Venue for the Training : Govt. College of Teacher Education, Raipur

3.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of D

3.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.10 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation Form
- ◆ Questionnaire
- ◆ Suggestion

4. Budgeting :

No	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*15	4500.00
2.	Remuneration to Project co-ordinator	01	250.00	250*15	3750.00
3.	Remu. to RPs	04	200.00	200*4*15	12000.00
4.	T.A. for Participants and RPs	50+4	100.00	100*54*2	10800.00
5.	D.A. for Participants and RPs	50+4	90.00	90*54*17	82620.00
6.	Remu. to Clerk	01	60.00	60*15	900.00
7.	Remu. to Typist	01	60.00	60*15	900.00
8.	Remu. to peon	02	40.00	40*2*15	1200.00
9.	Stationery & Material	50+6	300.00	300*56	16800.00
10.	Miscellaneous Expenditure	50+6	20.00	20*56	1120.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*15	42000.00
12.	Fuel	-	100.00	100*15	1500.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					188090.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase & 6 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 10 Programmes 188090*10 **1880900.00**

(Rs. Eighteen Lac Eighty Thousand Nine Hundred only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Trainees.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be postponed.

7. **Evaluation of the Programme :** Evaluation of the Programme will be done through
 ◆ Post Test of Trainees. ◆ Continuous observation of Trainees ◆ Opinion of Trainees.

8. Follow-up & Feedback :

Monthly monitoring & supervision and then follow up & feedback.

2.07 Title : Training of Secondary School Teachers to teach Science (Biology).

1. Target Group : 500 teachers of Secondary schools.

2. Objectives :

- ▶ To develop a scientific attitude, Scientific approach, scientific temper.
- ▶ To acquire understanding of scientific concept and principles.
- ▶ To acquaint the students with different aspects of Biology used in daily life & enable them to recognise that biology plays an important role in the service of man.
- ▶ To develop an interest in students to study biology as a discipline.
- ▶ To enable them to systemic use of instructional materials in the teaching-learning process.
- ▶ To develop problem solving skill and impart knowledge for designing simple experiments.
- ▶ To choose right methods for a given situation, the teacher must be familiar with different methods of teaching.

3. Expected Outcomes: They will be able to

- ☞ Have a clear understanding about science and teaching of Biology in general Education.
- ☞ Make Biology learner centres and linked with the technology.
- ☞ Use new methods and innovations in teaching Biology.

4. Modus Operandi :

4.1 Time Schedule : 05 hours daily for 15 days in 02 rounds in 01 academic session

4.2 Mode of Training : Seminar

4.3 Different Levels & Personnel involved :

Teachers of CTE & some experts in the field as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

4.4 Criteria for selecting RPs : Subjects Experts & Experience

4.5 Time Table :

04 lectures (Each of one hour) daily different topic & 01 hour for lunch break

4.6 Arranging Resource Materials :

- ◆ Reference & Text books of Biology.
- ◆ Teaching aids.
- ◆ Slides / films and other audio-visual aids.

4.7 Venue for the Training : Govt. College of Teacher Education, Raipur.

4.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIETs.

4.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement. Charts & posters, Models will be displayed.

4.10 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation Form
- ◆ Questionnaire
- ◆ Suggestion

5. Budgeting :

No.	Heads	No. of	Rate	Calculation Participants	Total Amount
1.	Honrarium for C.D.	01	300.00	300*15	4500.00
2.	Remuneration to Project co-ordinator	01	250.00	250*15	3750.00
3.	Remu. to RPs	04	200.00	200*4*15	12000.00
4.	T.A. for Participants and RPs	50+4	100.00	100*54*2	10800.00
5.	D.A. for Participants and RPs	50+4	90.00	90*54*17	82620.00
6.	Remu. to Clerk	01	60.00	60*15	900.00
7.	Remu. to Typist	01	60.00	60*15	900.00
8.	Remu. to peon	02	40.00	40*2*15	1200.00
9.	Stationery & Material	50+6	300.00	300*56	16800.00
10.	Miscellaneous Expenditure	50+6	20.00	20*56	1120.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*15	42000.00
12.	Fuel	-	100.00	100*15	1500.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					188090.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase & 6 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 10 Programmes 188090×10 **1880900.00**

(Rs. Eighteen Lac Eighty Thousand Nine Hundred only)

6. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Training.

7. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be postponed.

8. Evaluation of the Programme :

Evaluation of the Programme will be done through

- ◆ Post Test of Trainees. ◆ Continuous observation of Trainees. ◆ Opinion of Trainees.

9. Follow-up & Feedback :

Monthly monitoring & supervision and then follow up & feedback.



2.08 Title : Training of Secondary School Teachers to teach Mathematics.

1. Target Group : Teachers of Secondary Schools.

2. Objectives :

- ▶ Mathematics helps to realize the practical values of the subject in life.
- ▶ Mathematics is a way to settle in mind a habit of reasoning and hence the thinking power and broadness of thinking improves which can be termed as disciplinary value.
- ▶ Mathematics develops problem solving attitude in students which helps them in solving problems in their daily life.
- ▶ Mathematics is mirror of civilization to a great extent. Cultural advancement depends upon the advancement made in Mathematics.
- ▶ Since Mathematics is the integral part of universe whose every aspects is quantitative hence knowledge of Mathematics makes a man perfect in understanding universe.
- ▶ To choose right methods for a given situation, the teacher must be familiar with different methods of teaching.

3. Modus Operandi :

3.1 Time Schedule : 05 hours daily for 15 days in 02 rounds in 01 academic session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Teachers of CTE & some experts in the field as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs :

Knowledge in the field & Experience of teaching in training programme

3.5 Time Table :

04 lectures (Each of one hour) daily different topic & 01 hour for lunch break

3.6 Arranging Resource Materials :

- ◆ Science books for secondary levels
- ◆ Teaching aids.
- ◆ Slides / films and other Audio-Visual Aids.

3.7 Venue for the Training : Govt. College of Education, Raipur.

3.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIETs.

3.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.10 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation Form

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*15	4500.00
2.	Remuneration to Project co-ordinator	01	250.00	250*15	3750.00
3.	Remu. to RPs	04	200.00	200*4*15	12000.00
4.	T.A. for Participants and RPs	50+4	100.00	100*54*2	10800.00
5.	D.A. for Participants and RPs	50+4	90.00	90*54*17	82620.00
6.	Remun. to Clerk	01	60.00	60*15	900.00
7.	Remun. to Typist	01	60.00	60*15	900.00
8.	Remu. to peon	02	40.00	40*2*15	1200.00
9.	Stationery & Material	50+6	300.00	300*56	16800.00
10.	Miscellaneous Expenditure	50+6	20.00	20*56	1120.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*15	42000.00
12.	Fuel	-	100.00	100*15	1500.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					188090.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase & 6 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 10 Programmes 188090.00*10 **1880900.00**

(Rs. Eighteen Lac Eighty Thousand Nine Hundred)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Trainees.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs - Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less then the programme will be postponed.

7. Evaluation of the Programme : Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion of Trainees.

8. Follow-up & Feedback :

Monthly monitoring & supervision and then follow up & feedback.



2.09 Title : Training of Secondary School Teachers to teach Social Science

1. Target Group: 500 teachers of Secondary schools.

2. Objectives :

- ▶ To develop the qualities of good citizenship of India.
- ▶ To be well acquainted with the History of Indian Culture.
- ▶ To develop efficiency to understand social complications.
- ▶ To introduce social environment.
- ▶ To develop the feeling of the Universal brotherhood.
- ▶ To develop the practical understanding of life.
- ▶ To choose right methods for a given situation, the teacher must be familiar with different methods of teaching.

3. Modus Operandi :

3.1 Time Schedule :

05 hours daily for 15 days in 02 rounds in 01 academic session.

3.2 Mode of Training : Seminar, Discussion.

3.3 Different Levels & Personnel involved :

Teachers of CTE & some experts in the field as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs : Knowledge & Experience of Social Science.

3.5 Time Table :

04 lectures (Each of one hour) daily on different topic of Social Science & 01 hour for lunch break.

3.6 Arranging Resource Materials :

- ◆ Reference & Text books of Social Science.
- ◆ Preparing some transparencies.
- ◆ Slides / films and other audio-visual aids.

3.7 Venue for the Training : Govt. College of Teacher Education, Raipur.

3.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIETs.

3.9 Equipping Training Hall :

Training hall should be well equipped with one over head projector, maps, charts & posters and black board with seating arrangement.

3.10 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation
- ◆ Questionnaire
- ◆ Suggestions.

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*15	4500.00
2.	Remuneration to Project co-ordinator	01	250.00	250*15	3750.00
3.	Remu. to RPs	04	200.00	200*4*15	12000.00
4.	T.A. for Participants and RPs	50+4	100.00	100*54*2	10800.00
5.	D.A. for Participants and RPs	50+4	90.00	90*54*17	82620.00
6.	Remu. to Clerk	01	60.00	60*15	900.00
7.	Remu. to Typist	01	60.00	60*15	900.00
8.	Remu. to peon	02	40.00	40*2*15	1200.00
9.	Stationery & Material	50+6	300.00	300*56	16800.00
10.	Miscellaneous Expenditure	50+6	20.00	20*56	1120.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*15	42000.00
12.	Fuel	-	100.00	100*15	1500.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					188090.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase 6 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 10 Programmes 188090*10 **1880900.00**

(Rs. Eighteen Lac Eighty Thousand Nine Hundred only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Training.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be postponed.

7. Evaluation of the Programme : Evaluation of the Programme will be done through

- ◆ Post Test of Trainees. ◆ Continuous Observation of Trainees. ◆Opinion of Trainees.

8. Follow-up & Feedback :

Quarterly monitoring & supervision and then follow up & feed back.



2.10 Title : Training of Secondary School Teachers in Population Education.

1. Target Group :

Approx. 500 teachers of Secondary schools. Three days duration for one round. It is proposed 02 round of programme per academic year as well as follow-up programmes. In each round 50 teachers will be trained.

2. Objectives :

- ▶ To develop awareness of the problems of growing population and its adverse impact on their lives and on National Development.
- ▶ To know the concept of population Education.
- ▶ To develop competencies to communicate its ideas and messages through existing related contents in text books of different subjects and by involving students in various activities.

3. Expected Outcomes: They will be able to-

- ☞ Know Importance of population Education.
- ☞ Understand the concept of Population Education.
- ☞ Appreciate the need for the population Education to secondary school students.
- ☞ Aware of the problem of growing population.

4. Modus Operandi :

4.1 Time Schedule : 05 hours daily for 03 days in 02 rounds in 01 academic session.

4.2 Mode of Training : Seminar

4.3 Different Levels & Personnel involved :

Teachers of CTE & some experts in the field of Population Education as RPs., Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

4.4 Criteria for Selecting RPs :

- ◆ Who has a positive attitude towards the training programme.
- ◆ Who is self confident, possesses great intellectual ability and has a subject knowledge.

4.5 Time Table :

05 hours daily for 03 days. Contents of Population Education and methodology will be covered in training programme.

4.6 Arranging Resource Materials :

- ◆ Text Books & Reference Books will be arranged from the CTE library & School Library.
- ◆ Posters & Charts will be collected from the DIETs, state offices etc
- ◆ Slides / films and other audio-visual aids.

4.7 Venue for the Training : Govt. College of Teacher Education, Raipur

4.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIETs.

4.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement. Posters & Charts will be displayed.

4.10 Developing Different Format :

- ◆ Registration Form ◆ Expectation Form ◆ Questionnaire ◆ Suggestion Form

5. **Budgeting :**

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*03	900.00
2.	Remuneration to Project co-ordinator	01	250.00	250*03	750.00
3.	Remu. to RPs	05	200.00	200*5*03	3000.00
4.	T.A. for Participants and RPs	50+5	100.00	100*55*2	11000.00
5.	D.A. for Participants and RPs	50+5	90.00	90*55*05	24750.00
6.	Remu. to Clerk	01	60.00	60*03	180.00
7.	Remu. to Typist	01	60.00	60*03	180.00
8.	Remu. to peon	02	40.00	40*2*03	240.00
9.	Stationery & Material	50+7	300.00	300*57	17100.00
10.	Miscellaneous Exp.	50+7	20.00	20*57	11400.00
11.	Refreshment & Working Lunch	50+7	50.00	50*57*03	8550.00
12.	Fuel	-	100.00	100*03	300.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					88350.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase 6 Round Programme Proposed For the Second Phase.

i.e. Total Amount for 10 Programmes 88350*10 **883500.00**

(Rs. Eight Lac Eighty Three Thousand Five Hundred only)

6. **Documentation :**

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Training.
- ◆ Time Table
- ◆ Correspondence Records
- ◆ Receipts of Expenditure

7. **Determining Risk Factors & Possible Strategies :**

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - Contact with the DEO for the arrangement.

8. **Evaluation of the Programme :** Evaluation of the Programme will be done through

- ◆ Post Test of Trainees. ◆Continuous observation of Trainees. ◆Opinion of Trainees.

9. **Follow-up & Feedback :**

Periodly checking, monitoring & supervision and extension lectures in problem areas.

2.11 Title : Computer Awareness Training for Secondary & Higher Secondary School Teachers

1. Target Group : Teachers of Secondary & Higher Secondary Schools.

- (a) This programme will be implemented in High schools & Higher secondary schools of different District.
- (b) The target group of programme will be teachers of High schools & Higher secondary schools.
- (c) Total 40 participants will be invited at a time to attend the training.
- (d) Total 400 teachers will be trained in 05 academic session.

2. Objectives:

- ▶ To Develop awareness of modern Information Technology with special reference to Education.
- ▶ To cope with advancement of modern information technology.
- ▶ To enable teachers with modern Word Processing and Data Processing.
- ▶ To acquaint teachers with multimedia presentation and uses of INTERNET.

3. Modus Operandi :

3.1 Time Schedule : 06 hours daily for 15 days in 02 rounds in 01 academic session.

3.2 Mode of Training : Seminar with practical session on Computers.

3.3 Different Levels & Personnel involved:

Some experts in the field of Computer Education as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs : (i) Knowledge of Computer.
(ii) Working Experience in the field of computer.

3.5 Time Table :

04 lectures (Each of one hour) daily on different topic & 01 hour for lunch break.

3.6 Arranging Resource Materials : ♦ Reference Books on computers,
♦ Preparing some transparencies

3.7 Venue for the Training : GCE, Raipur & IASE Bilaspur.

3.8 Facilities for Lodging & Boarding : Hostels of IASE/CTE & Hostel of DIETS

3.9 Equipping Training Hall :

Training hall should be equipped with Computers, printers, one over head projector, slide projector LCD and black board with seating arrangement.

3.10 Developing Different Format : ♦ Registration Form
♦ Expectation Form
♦ Questionnaire
♦ Suggestions.
♦ Programmes on assignments on various topics in Computers.

4. **Budgeting :**

No.	Heads	No. of	Rate	Calculation Participants	Total Amount
1.	Honrarium for C.D.	01	300.00	300*15	4500.00
2.	Remuneration to Project co-ordinator	01	250.00	250*15	3750.00
3.	Remu. to RPs	04	200.00	200*4*15	12000.00
4.	T.A. for Participants and RPs	40+4	100.00	100*44*2	8800.00
5.	D.A. for Participants and RPs	40+4	90.00	90*44*17	67320.00
6.	Remu. to Clerk	01	60.00	60*15	900.00
7.	Remu. to Typist	01	60.00	60*15	900.00
8.	Remu. to peon	02	40.00	40*2*15	1200.00
9.	Stationery & Material	40+6	300.00	300*46	13800.00
10.	Miscellaneous Expenditure	40+6	20.00	20*46	920.00
11.	Refreshment & Working Lunch	40+6	50.00	50*46*15	34500.00
12.	Fuel	-	100.00	100*15	1500.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					160090.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase & 6 Round Programme Proposed for the Second Phase.

i.e. Total Amount for 10 Programmes 160090*10 **1600900.00**

(Rs. Sixteen Lac Nine Hundred Only)

5. **Documentation :**

- ◆ Copies of lectures delivered by RPs.
- ◆ Assignments prepared by the trainees.
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Training.

6. **Determining Risk Factors & Possible Strategies :**

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be postponed.

7. **Evaluation of the Programme :** Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion of Trainees.
- ◆ Performance of the trainees on computer practical work.

10. **Follow-up & Feedback :** Quarterly monitoring & supervision and then follow up & feedback.

2.12 Title: Seminar on Value Education for Secondary & Higher Secondary School Teachers.

1. Target Group : 400 teachers of Secondary & Higher secondary schools.

2. Objectives :

- ▶ To develop some basic traits as truthfulness, Cleanliness, Hardwork, Secularism, Co-operation, Scientific attitude etc.
- ▶ To encourage students to become progressive and responsible citizen of the country.
- ▶ To develop self respect and to lead to self sufficiency.
- ▶ To develop broadness in behaviour as well as in thoughts.

3. Modus Operandi :

3.1 Time Schedule :

05 hours daily for 3 days in 02 rounds in 01 academic sessions.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Teachers of IASE/CTE & some experts in the field as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs: (i) Knowledge of Value Education.
(ii) Experience of working in the field of value education

3.5 Time Table : 04 lectures (Each of one hour) daily on different topics & 01 hour for lunch break.

3.6 Arranging Resource Materials : ◆ Books on Value Education.
◆ Preparing some transparencies.
◆ Some Slides and films.

3.7 Venue for the Training : GCE, Raipur & IASE Bilaspur

3.8 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIETs.

3.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.10. Developing Different Format : ◆ Registration Form
◆ Expectation Form
◆ Questionnaire
◆ Suggestions.

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*3	900.00
2.	Remuneration to Project co-ordinator	01	250.00	250*3	750.00
3.	Remu. to RPs	04	200.00	200*4*3	2400.00
4.	T.A. for Participants and RPs	40+4	100.00	100*44*2	8800.00
5.	D.A. for Participants and RPs	40+4	90.00	90*44*5	19800.00
6.	Remu. to Clerk	01	60.00	60*3	180.00
7.	Remu. to Typist	01	60.00	60*3	180.00
8.	Remu. to peon	02	40.00	40*2*3	2400.00
9.	Stationery & Material	40+6	300.00	300*46	13800.00
10.	Miscellaneous Expenditure	40+6	20.00	20*46	920.00
11.	Refreshment & Working Lunch	40+6	50.00	50*46*3	6900.00
12.	Fuel	-	100.00	100*3	300.00
13.	Reference Books & TLM				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					67330.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase & 6 Round Programme Proposed for Second Phase)

i.e. Total Amount for 10 Programmes 67330*10 **673300.00**

(Rs. Six Lac Seventy Three Thousand Three Hundred only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Difficulties in implementation as suggested by trainees.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less, then the programme will be postponed.

7. Evaluation of the Programme : Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion of Trainees.

8. Follow-up & Feedback : Monthly monitoring & supervision and then follow up & feedback.



2.13 Title : Awareness Programme on HIV / AIDS for Secondary & Higher Secondary School Teachers

1. Target Group

- (a) This programme will be implemented in High schools & Higher secondary schools
- (b) The target group of programme will be teachers of High schools & Higher secondary schools.
- (c) Total 40 participants will be invited at a time to attend the training.
- (d) 400 teachers will be trained in 05 academic session.

2. Objectives :

- ▶ To aware teachers towards hazards of AIDS.
- ▶ To impart knowledge about AIDS & HIV and other S.T.D. (Sexually Transmitted Diseases).
- ▶ To make them enable about prevention of AIDS.
- ▶ To impart knowledge risk taking behaviour.
- ▶ To develop appropriate attitude towards HIV /AIDS patients.

3. Expected Outcomes:

- ☞ Teachers get trained for "Know AIDS for no AIDS".
- ☞ Teachers will know about HIV /AIDS.
- ☞ Teachers would be able to identify the ways through which HIV is transmitted.
- ☞ Teachers would be able to identify the ways and means of preventing HIV transmission.
- ☞ Teachers would be able to identify factors that increase of risk of HIV /AIDS.
- ☞ Teachers and students would be able to develop appropriate attitude towards HIV /AIDS

4. Modus Operandi :

4.1 Time Schedule : Three Days.

4.2 Mode of Training : Seminar

4.3 Different Levels & Personnel involved:

Course Director, Project Coordinator, RPs, Clerk, Typist, Peons.

4.4 Criteria for Selecting RPs : Persons who are trained HIV /AIDS.

4.5 Time Table : Five periods of 01 hours per day.

4.6 Arranging Resource Materials : From Library, Doctors & NGOs.

4.7 Venue : GCE, Raipur & GCE Bilaspur.

4.8 Facilities for Lodging & Boarding : Hostels facilities will be provided.

4.9 Equipping Training Hall : By Charts, Posters, OHP, Slides etc.

5. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*03	900.00
2.	Remuneration to Project co-ordinator	01	250.00	250*03	750.00
3.	Remu. to RPs	04	200.00	200*4*03	2400.00
4.	T.A. for Participants and RPs	40+4	100.00	100*44*2	8800.00
5.	D.A. for Participants and RPs	40+4	90.00	90*44*05	19800.00
6.	Remu. to Clerk	01	60.00	60*03	180.00
7.	Remu. to Typist	01	60.00	60*03	180.00
8.	Remu. to peon	02	40.00	40*2*03	240.00
9.	Stationery & Material	40+6	300.00	300*46	13800.00
10.	Miscellaneous Expenditure	40+6	20.00	20*46	920.00
11.	Refreshment & Working Lunch	40+6	50.00	50*46*03	6900.00
12.	Fuel	-	100.00	100*03	300.00
13.	Reference Books & Teaching learning materials				5000.00
14.	Monitoring & Supervision				5000.00
Total Rs.					65170.00

Total Budget of the Programme -

Total 4 Round Programmes Proposed For the First Phase & 6 Round Programmes for 2nd Phase.

i.e. Total Amount for 10 Programmes 65170*10 **651700.00**

(Rs. Six Lacs Fifty One Thousand Seven Hundred only)

6. Documentation :

- ◆ Copies of lectures prepared by RPs.
- ◆ Audio-Video Materials.
- ◆ Charts, Diagrams.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Suggestions from Trainees.

7. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - Cotact with the DEO for the arrangement.

8. Evaluation of the Programme :Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion and suggestions of Trainees.

11. Follow-up & Feedback :

Quarterly monitoring & supervision and extension lectures in problem areas.



2.14 Title : Seminar on Environmental Education for Secondary & Higher Secondary School Teachers.

1. Target Group : 400 teachers of Secondary & Higher secondary schools.

2. Objectives :

- (a) To make teachers understand about the concept, importance, scope and aim of environmental education.
- (b) To acquaint the teachers with possible environmental hazards, enabling them to combat with negative effects of the programmes of environmental erosion and pollution at various stages of education.
- (c) To enable the teachers to develop various methods and strategies for realizing the objectives of environmental education.
- (d) To give awareness and knowledge of environmental education to teachers.

3. Modus Operandi :

3.1 Time Schedule : 05 hours daily for 3 days in 02 rounds in 01 academic session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Teachers of CTE & some experts in the field as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs :

- (i) Knowledge of Environmental Education
- (ii) Experience of working in the field of Environmental Education.

3.5 Time Table : 04 lectures (Each of one hour) daily of different topic & 01 hour for lunch break.

3.6 Arranging Resource Materials :

- ◆ Books on environmental education.
- ◆ Preparing some transparencies.
- ◆ Some Slides and films.

3.7 Venue for the Training : GCE, Raipur & IASE Bilaspur.

3.8 Facilities for Lodging & Boarding : Hostels of IASE/CTE & Hostel of DIETs

3.9 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

4.10 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation Form
- ◆ Questionnaire
- ◆ Suggestions.

2.15 Title : Training of High School Teachers (CBSE Course) for the Preparation of Resource Materials and Orientation on using them in teaching English Language.

Objectives :

- ▶ Developing Language skills.
- ▶ To cope with National & International levels of understanding language.
- ▶ Arousing interest in literature.
- ▶ Developing study skills.

Expenditure of the Project :

PHASE I

1. First workshop for 05 days	-	20 participants
2. Second workshop for 10 days	-	10 participants
3. Third workshop for 10 days	-	10 participants
4. Fourth workshop for 05 days	-	05 participants

Expenditure **Rs. 142750.00**

PHASE II

1. Trail / Experimentation of the prepared material		
2. workshop for 05 days	-	05 participants
3. Printing of Material		

Expenditure **Rs. 502400.00**

PHASE III

1. 15 day orientation programme	-	60 participants
2. 15 day orientation programme	-	60 participants

Expenditure **Rs. 322400.00**

Total Expenditure (Phase I + Phase II + Phase III) **Rs. 967550.00**

DETAILED BUDGET OF PROJECT :

PHASE I

Workshop 1(05 days)

Heads	No. of Participants	Rate		Total Amount
1. Honorarium for Course Director	01	300.00	300*05	1500.00
2. Remuneration to expert	01	250.00	250*05	1250.00
3. Remuneration to participants	20	200.00	200*20*5	200000
4. T.A. to expert	01	500.00	500*2	1000.00
5. D.A. to expert	01	100.00	100*5	500.00
6. T.A. for participants	20	100.00	100*20*2	4000.00
7. D.A. for participants	20	60.00	60*20*5	6000.00
8. Remuneration to Clerk	01	40.00	40*5	200.00
9. Remuneration for Typist	01	40.00	40*5	200.00
10. Remuneration to peon	02			650.00
11. Miscellaneous Expend.			20*21*5	2100.00
12. Refreshment	22	50.00	50*22*5	5500.00
13. Fuel				500.00
Total				Rs. 43400.00

PHASE I
Workshop 2(10 days)

Heads	No. of Participants	Rate		Total Amount
1. Honorarium for Course Director	01	300.00	300*10	3000.00
2. Remuneration to participants	10	200.00	200*10*10	20000.00
3. T.A. for participants	10	100.00	100*10*2	2000.00
4. D.A. for participants	10	60.00	60*10*10	6000.00
5. Remuneration to Clerk	01	40.00	40*10	400.00
6. Remuneration for Typist	01	40.00	40*10	400.00
7. Remuneration to peon	02			1300.00
8. Miscellaneous Expend.			20*11*10	2200.00
9. Refreshment	11	50.00	50*11*10	5500.00
10. Fuel				1000.00
Total				Rs. 41800.00

PHASE I
Workshop 3(10 days)

Heads	No. of Participants	Rate		Total Amount
1. Honorarium for Course Director	01	300.00	300*10	3000.00
2. Remuneration to participants	10	200.00	200*10*10	20000.00
3. T.A. for participants	10	100.00	100*10*2	2000.00
4. D.A. for participants	10	60.00	60*10*10	6000.00
5. Remuneration to Clerk	01	40.00	40*10	400.00
6. Remuneration for Typist	01	40.00	40*10	400.00
7. Remuneration to peon	02			1300.00
8. Miscellaneous Expend.			20*11*10	2200.00
9. Refreshment	11	50.00	50*11*10	5500.00
10. Fuel				1000.00
Total				Rs. 41800.00

PHASE I Workshop 4(5 days)

Heads	No. of Participants	Rate		Total Amount
1. Honorarium for Course Director	01	300.00	300*05	1500.00
2. Remuneration to expert	01	250.00	250*05	1250.00
3. Remuneration to participants	05	200.00	200*5*5	5000.00
4. T.A. to expert	01	500.00	500*2	1000.00
5. D.A. to expert	01	100.00	100*5	500.00
6. T.A. for participants	05	100.00	100*05*2	1000.00
7. D.A. for participants	05	60.00	60*05*5	1500.00
8. Remuneration to Clerk	01	40.00	40*5	200.00
9. Remuneration for Typist	01	40.00	40*5	200.00
10. Remuneration to peon	02			650.00
11. Miscellaneous Expend.			20*7*5	700.00
12. Refreshment	07	50.00	50*07*5	1750.00
13. Fuel				500.00
Total				Rs. 15750.00

PHASE II Programme 1. Experimentation/ Trial of Prepared Material (5 days)

Heads	No. of Participants	Rate		Total Amount
1. Remuneration to RPs	15	200.00	200*15*5	15000.00
2. T.A. to RPs	15	100.00	100*15*5	7500.00
3. D.A. to RPs	15	60.00	60*15*5	4500.00
4. Remuneration to Clerk	01			400.00
5. Remuneration for Typist	01			400.00
6. Remuneration to peon	01			300.00
7. Miscellaneous Expend.			60*15*5	4500.00
8. Refreshment	15	50.00	50*15*5	3750.00
9. Fuel				300.00
Total				Rs. 36650.00

Programme 2. Work Shop for 5 days

Heads	No. of Participants	Rate		Total Amount
1. Honorarium for Course Director	01	300.00	300*05	1500.00
2. Remuneration to expert	01	250.00	250*05	1250.00
3. Remuneration to participants	05	200.00	200*05*5	5000.00
4. T.A. to expert	01	500.00	500*2	1000.00
5. D.A. to expert	01	100.00	100*5	500.00
6. T.A. for participants	05	100.00	100*05*2	1000.00
7. D.A. for participants	05	60.00	60*05*5	1500.00
8. Remuneration to Clerk	01	40.00	40*5	200.00
9. Remuneration for Typist	01	40.00	40*5	200.00
10. Remuneration to peon	02			650.00
11. Miscellaneous Expend.			20*07*5	700.00
12. Refreshment	07	50.00	50*07*5	1750.00
13. Fuel				500.00
Total				Rs. 15750.00

Programme 3. PRINTING OF RESOURCE BOOK

No. of resource books required	:	150
No. of Pages in resource book	:	120
Charges per page	:	Rs. 25.00
Total Expenditure for 450	:	150*120*25 i.e Rs. 450000.00

PHASE III**Programme 1: Orientation Programme (15 Days)**

Heads	No. of Participants	Rate		Total Amount
1. Honorarium for Course Director	01	300.00	300*15	4500.00
2. Remuneration to RPs	04	200.00	200*04*15	12000.00
3. T.A. to RPs	01	100.00	100*4*2	800.00
5. D.A. to RPs	01	100.00	100*4*15	6000.00
6. T.A. for participants	60	100.00	100*+60*2	12000.00
7. D.A. for participants	60	60.00	60*60*15	54000.00
8. Remuneration to Clerk	01			600.00
9. Remuneration for Typist	01			600.00
10. Remuneration to peon	02			2000.00
11. Miscellaneous Expend.			300*64	19200.00
12.Refreshment	64	50.00	50*64*15	48000.00
13. Fuel				1500.00
Total				Rs. 161200.00

PHASE III**Programme 2: Orientation Programme (15 Days)**

Heads	No. of Participants	Rate		Total Amount
1. Honorarium for Course Director	01	300.00	300*15	4500.00
2. Remuneration to RPs	04	200.00	200*04*15	12000.00
3. T.A. to RPs	01	100.00	100*4*2	800.00
5. D.A. to RPs	01	100.00	100*4*15	6000.00
6. T.A. for participants	60	100.00	100*+60*2	12000.00
7. D.A. for participants	60	60.00	60*60*15	54000.00
8. Remuneration to Clerk	01			600.00
9. Remuneration for Typist	01			600.00
10. Remuneration to peon	02			2000.00
11. Miscellaneous Expend.			300*64	19200.00
12.Refreshment	64	50.00	50*64*15	48000.00
13. Fuel				1500.00
Total				Rs. 161200.00

2.16 Title : **Orientation of High Schools Teachers to Develop Mathematics Laboratory**

Target group : Total 2400 teachers of High School.

Objectives :

- ▶ To make teaching of maths effective, interesting and practical.
- ▶ To develop Maths lab with the help of community participation.
- ▶ To change the attitude of teachers towards Maths.
- ▶ To learn the use of Maths in practical life.
- ▶ To develop scientific and logical attitude among the students.
- ▶ To put a strong foundation of Maths for the future.
- ▶ To introduce new techniques of teaching Maths.

Execution period : 5 years (2003-08)

Implementation Methodology :

This programme will be conducted in three phases.

First phase: Workshop for developing manual and Maths kit.

At this level subject experts will be invited from different places. Hard spots from the content of 9th and 10th standard will be sorted out and there will be simplified. Practical manual will be listed.

Second phase : Training Programme of R.P.

At this level Resource Persons will be trained. These Resource Persons will train the teachers at zone level.

Third phase : Training programme of teachers

There are approx. 1200 Institutions all over the state. Two teachers from each institution are supposed to be trained. In this way 2400 teachers are to be trained in 5 yrs. 19 educational districts of the state will be divided in 6 zones. At a time 40 teachers will be trained in every zone. Every year training programme will be organized during summer and winter vacation.

Budget of Phase I :

Workshop for listing experimental topic in Maths by subject experts and preparing teachers manual

Venue	:	SCERT, Raipur
Duration	:	05 days
Experts in Maths	:	10
N.G.O.s	:	06
Members from private Instt.	:	06
Members of SCERT	:	05
Total		27

TA to subject experts	=	22 x 1000	Rs. 22000=00
DA to subject experts	=	27x 105 x 07	Rs.19845=00
Honorarium to Local Experts	=	05x 100 x 05	Rs.2500=00
Stationery	=	27 x 30	Rs.810=00
Refreshment	=	30 x 5 x 5	Rs. 750=00
Misc.Expenditure			Rs.1200=00
Honorarium to Guest Lect.	=	5 x 150	Rs.750=00
Honorarium to Clerk	=	2 x 40 x 5	Rs. 400=00
Material for practical work			Rs. 2000=00
Printing of Teachers' manual	=	2400 x 50	Rs. 1,20,000=00
@ 50/-			
Maths kit given to every High School of the state (1161)			
		1500x1161	=
			Rs.17,40,000=00
TOTAL	=		Rs.19,10,255=00

II Phase -Training Programme of DRGs-

Venue	:	SCERT, Raipur
Duration	:	03 days
No. of R.P.	:	05(02 Local+03 External)
No. of SCERT members	:	05
No. of DRGs	:	38
TOTAL		48

TA to DRGs-38	=	38 x 300	Rs. 11,400=00
TA to R.P.-	=	3 x 300	Rs. 900=00
DA to DRGs	=	38 x70 x 05	Rs.13,300=00
DA to R.P.+SCERT mem.	=	10 x 105 x 5	Rs.5250=00
Honorarium to Guest Lect.	=	5 x 150 x 3	Rs.2250=00
Honorarium to Course Director	=	150 x 03	Rs.450=00
D.A. to Course Director	=	70 x 03	Rs.210=00
Conveyance Allowance to Course Director	=	100 x 03	Rs.300=00
Conveyance Allowance to local participants	=	7x100 x03	Rs 2100=00
Stationery	=	48 x 25	Rs.1200=00
Refreshment	=	53 x 5x3	Rs. 795=00
Misc.Expenditure			Rs.1200=00
Honorarium to Clerk	=	2 x 40 x 3	Rs.240=00
Material for practical work			Rs. 2000=00
TOTAL			Rs.41,595=00

III Phase -Training Programme for Teachers

Venue	:	6 Zone Headquarters
Duration ;	:	05 days
No. of participants	:	240
No. of DRGs	:	38
TOTAL	:	278

Monitoring team: : 06 SCERT members

TA to DRGs	=	38 x 300	Rs. 11,400=00
TA to participants	=	240 x 300	Rs. 72,000=00
TA to monitoring team	=	6 x 1000	Rs. 6,000=00
DA to SCERT members	=	6 x 105 x 3	Rs. 1,890=00
Honorarium to Guest Lect.	=	6 x 150 x 5	Rs. 4,500=00
Honorarium to Course Director	=	6 x 125 x 05	Rs. 3,750=00
Stationery	=	278 x 20	Rs. 5,560=00
Refreshment	=	300 x 5 x 5	Rs. 7,500=00
Misc. Expenditure			Rs. 1,200=00
Honorarium to Clerk	=	150 x 6	Rs. 900=00
Material for practical work	=	6 x 2000	Rs. 12,000=00
Payment for IV class (3 per zone)	=	3 x 40 x 6 x 5	Rs. 3,600=00
Boarding and lodging	=	40 x 240 x 5	Rs. 48,000=00
TOTAL			Rs. 1,78,300.00

For two session in a year = 178300 x 2 = Rs. 3,56,600.00

Budget :

2003-04 :-	19,10,255=00 + 41,595=00 + 3,56,600=00	=	Rs. 23,08,450=00
2004-05 :-	3,56,600=00 + 3,56,60=00	=	Rs. 3,92,260=00
2005-06 :-	3,92,260=00 + 39,226=00	=	Rs. 4,31,486=00
2006-07:-	4,31,486=00 +43,149=00	=	Rs. 4,74,635=00
2007-08:-	4,74,635=00+ 47,463=00	=	Rs.5,22,098-00
Total (2003 - 08)		=	Rs.41,28,929=00



2.17 TITLE : TRAINING OF TEACHERS FOR PREPARING LOW COST AND NO COST TEACHING AIDS.

1. Target Group : Total 2400 teachers from High schools of the state .

2. Objectives :

- ▶ Making teaching learning process interesting and easy .
- ▶ To make children inquisitive and increase knowledge .
- ▶ To make content easier which is helpful in learning process.
- ▶ To enhance memory and observation skill in the children .

3. Modus Operandi :

3.1 Time Schedule : 2003-2008

3.2 Implementation Methodology : work will be completed in three phases .

- I phase : preparation of Teacher's Guide
- II phase : Training of SRGs .
- III phase : Training of Teachers

19 educational districts of the state will be divided in to 6 zones. At a time 40 teachers will be trained in every zone. Every year training programme will be organised during summer and winter vacations.

3.3 Time Table : Daily 5 hours work shop will be conducted .

3.4 Venue for the training : S.C.E.R.T. Raipur (C.G.) and 6 Zonal H.Qs.

3.5 Facilities for lodging and boarding : Hostels of DIETs .

4 Budget -

I phase- A work shop to prepare teaching aids and teacher's manual with the help of subject experts -

Venue	:	SCERT Raipur
Subject experts from govt. institutions	:	10
N.G.O.	:	06
Subject experts from private institutions	:	06
Members of S.C.E.R.T.	:	05
Total	:	27

Duration - 5 days

1. T.A.to Subject experts	-	2000 x 22	=	Rs. 44,000 = 00
2. D.A.to Subject experts	-	105 x 27 x 07	=	Rs. 19,845 = 00
3. Stationery	-	30 x 27	=	Rs. 810 = 00
4. Refreshment	-	05 x 30 x 05	=	Rs. 750 = 00
5. Misc.Expd	-		=	Rs. 1200 = 00
6. Clerk (2)	-	02 x 40 x 05	=	Rs. 400 = 00
7. Teacher's Guide 2400@ Rs 50-			=	Rs. 1,20,000 = 00
8. Teaching aid kit box given to every school of Chhattisgarh state (1161)		1161x1500	=	Rs. 17,41500=00
Total estimate for phase I			=	Rs. 19,28,505=00

II phase :- Training Programme of SRGs-

Venue	:	SCERT Raipur
No.of SRGs	:	38
No of Guest Resource Person	:	02 per day
Local Experts(SCERT Members)	:	05
Duration	:	5 days

1. T.A. to SRGs	-	500 x 38	=	Rs. 19,000 = 00
2. D.A. to SRGs	-	105 x 38 x 07	=	Rs. 27,930 = 00
3. D.A. to Local Experts	-	105 x 5 x 5	=	Rs. 2,625 = 00
4. Honorarium to Guest R.P.-	-	02 x 150 x 05	=	Rs. 1,500 = 00
5. Stationery	-	30 x 53	=	Rs. 1,590 = 00
4. Refreshment	-	05 x 50 x 05	=	Rs. 1,250 = 00
5. Misc. Expd	-		=	Rs. 1,200 = 00
6. Clerk (2)	-	02 x 40 x 05	=	Rs. 400 = 00
7. Fund for Teaching aid development	-		=	Rs. 5,000 = 00
Total			=	Rs. 60,495 = 00

III phase-Training Programme for teachers

Venue	:	6 Zonal H.Qs
No of Teachers to be trained (240 teachers will be trained in each training programme)	:	2400
No.of SRGs	:	38
No of Guest Resource Person	:	02 per day
Duration	:	5 days

1. T.A. to SRGs	-	300 x 38	=	Rs. 19,000 = 00
2. D.A. to SRGs	-	105 x 38 x 07	=	Rs. 27,930 = 00
3. T.A. to participants	-	240 x 300	=	Rs. 7,200 = 00
4. D.A. to participants	-	240 x 75 x 07	=	Rs. 12,600 = 00
5. Honorarium to course Director	-	150 x 6 x 5	=	Rs. 4,500 = 00
6. Guest Resource Persons	-	02 x 150 x 05 x 06	=	Rs. 9,000 = 00
7. Stationery	-	278 x 25	=	Rs. 6,950 = 00
8. Refreshment	-	05 x 300 x 05	=	Rs. 7,500 = 00
9. Misc. Expd	-	06 x 1,200	=	Rs. 7,200 = 00
10. Clerk (2)	-	02 x 40 x 05 x 06	=	Rs. 2,400 = 00
11. Fund for Teaching aid development	-	06 x 2000	=	Rs. 12,000 = 00
12 T.A. to monitoring team	-	06 x 500	=	Rs. 3,000 = 00
13. D.A. of monitoring team	-	06 x 105 x 03	=	Rs. 1,890 = 00
Total			=	Rs. 2,345,70 =

$2 \times 2,34,570 = 4,69,140 = 00$

2003-2004-	Rs. 19,28,505 + 60,495 + 4,69,140	=	Rs. 24,58,140 =
2004-2005-	Rs. 4,69,140 + 46914	=	Rs. 516054 = 00
2005-2006	Rs. 516054 + 51605	=	Rs. 567659 = 00
2006-2007	Rs. 567659 + 56765	=	Rs. 624424 = 00
2007-2008	Rs. 624424 + 62442	=	Rs. 686866 = 00
Total			Rs. 48,53,143

Orientation of SRGs - In every two years orientation programme for SRGs will be conducted .

Venue SCERT	:	Raipur
No of SRGs	:	38
Local Experts	:	05
No of Guest Resource Person:	:	02
Duration	:	02 days

1. T.A. to SRGs	-	500 x 38	=	Rs. 19,000 = 00
2. D.A.to SRGs	-	105 x 38 x 04	=	Rs. 15960 = 00
3. D.A. to Local Experts	-	105x 05x 02	=	Rs. 1050=00
4. Honorarium to Guest R.P.	-	02 x150	=	Rs. 300 = 00
5. Stationery	-	30x45	=	Rs. 1350= 00
6. Refreshment	-	05 x 50x 02	=	Rs. 500 = 00
7. Misc.Expd			=	Rs 1200=00
8. Clerk (2)	-	40 x 02	=	Rs. 80 = 00
11Fund for Teaching aid development				Rs. 2000 =00
Total				Rs. 41360=00

Budget of Orientation Programme :

Session	2004-05	Rs. 41360=00
Session	2006-07	Rs. 41360=00
Total		Rs. 82720=00

Budget (2003-08)	Rs. 48,53,143=00
Budget of Orientation Programmes-	Rs. 82720=00
Total (2003-2008)	Rs. 49,35,863=00



2.18 Title : Training of Higher Secondary School Teachers in Web Designing and Internet uses in Chemistry

1. Target Group : Total 150 lecturers from Higher Sec. schools of the state .

2. Objectives :

- ▶ Making teaching learning process interesting and easy .
- ▶ To develop efficiency for understanding the recent developments in Information Technology and their usage in Chemistry.
- ▶ Use of new methods in Chemistry teaching i.e. Electronic lectures, collaborative learning assesment through automated interactive on-line testing, use of digital re source -libraries and access to the Internet and world wide web.
- ▶ To maximise the participation of students in learning Chemistry.

3. Time Schdule : 2003-2005.

4. Modus Operandi :

(a) Implementation Methodology :

Every year this training will be organised for 30 lecturers/teachers of Higher Secondary Schools and programme will be organised in two phases:-

I Phase - This phase contains development of teacher's handbook with the help of the subject experts.

II Phase - 30 lecturers/teachers will be trained in one year. In this way 150 lecturers will be trained in next 5 years.

Budget of I Phase - A workshop to develop of teacher's handbook

Venue	:	SCERT Raipur
Subject Experts	:	04
SCERT members	:	02
Duration	:	05 days
Guest R.P.	:	02 per day

TA to subject experts	=	04 x 2000	8,000=00
DA to subject experts	=	04 x 105 x 7	2,940=00
Honorarium to SCERT member (local)	=	02x 100 x 5	1,000=00
Stationery	=	11 x 30	330=00
Refreshment	=	10 x 5 x 5	250=00
Misc. Expenditure			1,200=00
Honorarium to Guest RP	=	10 x 150	1,500=00
Honorarium to Clerk	=	1 x 40 x 5	200=00
Printing of Teachers' manual @ 50/-	=	170 x 50	8,500=00
Rent of computers and other material			10,000=00
TOTAL			33,920=00

II Phase :

Second Phase of the training will be organised every year during summer and winter vacations and each session will consist of 15 participants.

Venue	:	SCERT Raipur
Resource persons	:	04
Local Experts(SCERT members)	:	02
Duration	:	05 days
No. of participants	:	15

TA of Resource Persons	=	4 x 300	Rs. 1,200=00
DA to Resource Persons	=	4 x 100 x 7	Rs. 2,800=00
Honorarium to Local Experts	=	4 x 100 x 5	Rs. 2,000=00
Honorarium to course dir.	=	150 x 5	Rs. 750=00
Honorarium to Guest RP	=	10 x 150	Rs. 1,500=00
Stationery	=	25 x 25	Rs. 625=00
Refreshment	=	25 x 5 x 5	Rs. 625=00
Misc. Expenditure			Rs. 1,200=00
Rent of computers and other materials			Rs. 15,000=00
Honorarium to Clerk	=	1x 40 x 05	Rs. 200=00
TA to participants	=	15 x 300	Rs. 4,500=00
DA to participants	=	7 x 70 x 15	Rs. 7,350=00
TOTAL			Rs. 37,750=00

Budget for second phase of the programme 2 x 37,750 = Rs. 75,500

Total Budget :

Budget for I year	2003-04	33,920 + 75,500	= Rs. 1,09,420=00
Budget for II year	2004-05	75,500 + 7,550	= Rs. 83,050=00
Budget for III year	2005-2006	83050 + 8,305	= Rs. 91,355=00
Budget for IV year	2006-2007	91,355+ 9,135	= Rs. 1,00,490=00
Budget for V year	2007-2008	1,00,490 + 10,049	= Rs. 1,10,539=00
Total			Rs. 4,94,854=00



62

2.19 Title : Orientation of Pre-Primary and Upper-Primary schools teachers on Value Education & Inclusive Education.

Under 'other extension services' proposals for teachers' training is being submitted to promote value education and to facilitate the education of children with special needs in the state.

(a) Work Plan for the upper primary school teachers in Value Education

- ☞ The training programme will be completed in 4 phases, i.e. SRGs, DRGs, MTs and teachers.
- ☞ It will be a 5 day's training programme in each and every phase.
- ☞ The training of all teachers (22,212) of upper primary schools will be completed in 5 years.
- ☞ The details of the programme is attached herewith.
- ☞ Along with the budget unit cost is given. According to increased number of teachers budget will be increased.

Estimated/ Proposed Budget on Programme (a) :

1.	Training Programme for SRGs	-	2,00,000=00
2.	Training Programme for DRGs	-	60,000=00
3.	Training Programme for MTs	-	4,35,375=00
4.	Training Programme for Middle School Trs.	-	2,19,39,625=00
5.	Reorientation of MTs and other expenses	-	1,00,000=00
	Total	-	2,27,35,625=00

(a) Work Plan for the upper Primary School Teachers in Value Education for the year 2003-08

Background:

According to the New Education Policy "Education should foster universal and eternal values, oriented towards the unity and integration of our people. The policy has mentioned that such value education should help eliminate obscurantism, religious fanaticism, violence, superstition and fatalism etc. Our modern education system can develop wisdom but it fails to develop humanism. Therefore, there is need to develop an educational system which will lay considerable emphasis on developing universal values.

Current Status:

The Inclusion of value inputs in the textbooks in Chhattisgarh state is from class I to class V. While teaching various subjects like Language (both Hindi and English), Environmental studies, Social Studies, Mathematics etc. teachers also inculcate these values through co-curricular and extra curricular activities like observing the day of great men, through cultural functions, physical exercises etc.

Need:

It is by value education only, we can eliminate the evils prevailing in the society. Students can play important role in the development of nation if we make them cultured. Teacher can play vital role in value education because until they are not culturally rich and sound, they won't enforce value inputs in students. Therefore there is a need to train teachers first.

Aims:

The aim of the education is not merely to develop intellect but to make students good and cultured citizens of the society and the nation. Therefore

- ▶ To impart to the teachers universal and eternal values like truth, non-violence, love, righteous conduct
- ▶ To develop the activity in the teachers to find out value related inputs from the textbooks and make them resourceful to tell the students. Apart from this, they would also be make competent to tell the values through co-curricular and extra-curricular activities.

Area:

The area of the proposed work-plan will be of the teachers teaching in Class VI to VIII.

Proposed work plan:

- ◆ This training will be based on universal and eternal values.
- ◆ We do not need to make separate curriculum for providing value education but there is a need to find out inherent values from the text books.
- ◆ To familiarize teachers and students with all major religions and to develop the quality of co-existence so that communal harmony would be established in the country.
- ◆ To make co-ordination between value education and religious education and to develop these in classrooms with the help of curriculum activities.

Formation of State Resource Group:

State Resource Group will be formed comprising the teacher-educators of SCERT/ CTE/ DIETs. 5 days workshop at SCERT will be organized. In this workshop the value inputs will be selected and enlisted during this workshop.

Formation of Master Trainers:

M.T.s will be formed comprising the Lect./Teachers of BTI, higher secondary schools. To train 7100 teachers from upper primary schools, on the basis of 50:3 ratio 430 master trainers will be required. Three days training will be conducted on 7 DIETs of the state.

Training of Upper Primary Teachers:

Upper Primary School teachers will be trained in DIETs and BTIs of the State. They will be given three days training.

Outline of the programme

SRG	-	30
MTs	-	430
Teachers	-	7100

Training Programme for DRGs

No.of DRGs to be trained	-	45
Centre for training	-	01
No. of SRGs	-	05

1. Stationery @ Rs. 25/- per person	(50 x 25)	1,250=00
2. Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 3000/-		3,000=00
3. Boarding and lodging @ Rs. 40/- per day per person	(40 x 50 x 5)	10,000=00
4. Tea and Refreshment @ Rs. 10 per day per person	(10 x 50 x 5)	2,500=00
5. Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 5)	2,500=00
6. Honorarium to course director @Rs.125/- per day	(125 x 5)	625=00
7. Honorarium to one clerk @ Rs. 150		150=00
8. Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5)	600=00
9. TA/DA to participants (800 x 50) @ Rs.800/-		40,000=00
TOTAL		60,625=00

* Unit cost 1213=00 per trainee

Training Programme for MTs

No. of MTs to be trained	-	440
Centre for training	-	14 (7 DIET + 7 BTI)
No. of SRGs	-	45

1. Stationery @ Rs. 25/- per person	(25 x 485)	12,125=00
2. Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 3000/-		42,000=00
3. Boarding and lodging @ Rs. 40/- per day per person	(40 x 5 x 485)	97,000=00
4. Tea and Refreshment @ Rs. 10 per day per person	(10 x 5 x 485)	24,250=00
5. Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 45)	22,500=00
6. Hon. to course director @Rs.125/- per day	(125 x 5 x 14)	8,750=00
7. Honorarium to one clerk @ Rs. 150	(150 x 14)	2100=00
8. Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5 x 14)	8400=00
9. TA/DA to participants (450 x 485) @ Rs.450	2,18,250=00	
TOTAL		4,35,375=00

* Unit cost 897=00 per trainee

65

Training Programme for Teachers

Total teachers	-	20,000
No. of teachers to be trained	-	4443
No. of training Centres	-	146
No. of MTs	-	440

1.	Stationery @ Rs. 25/- per person	(25 x 4443)	1,11,075=00
2.	Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 3000/-		4,38,000=00
3.	Boarding and lodging @ Rs. 40/- per day per person	(40 x 5 x 4883)	9,76,600=00
4.	Tea and Refreshment @ Rs. 10 per day per person	(10 x 5 x 4883)	2,44,150=00
5.	Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 440)	2,20,000=00
6.	Hon. to course director @Rs.125/- per day	(125 x 5 x 146)	91,250=00
7.	Honorarium to one clerk @ Rs. 150	(150 x 146)	21,900=00
8.	Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5 x 146)	87,600=00
9.	TA/DA to participants @ Rs.450	(450 x 4883)	21,97,350=00
	TOTAL		43,87,925=00

*Unit cost 918=00 per trainee

Estimated Budget for the teachers' training in 5 yrs. = 2,19,39,625/-

(b) Training Programme for Pre-primary, Primary and Middle School Teachers on Inclusive Education

- ☞ The trainings will be organized in 4 phases.
- ☞ The trainings will be of 5 days in each phase.
- ☞ The training of 1863 pre-primary teachers will be completed in 3 years.
- ☞ The training of 72008 primary school teachers will be completed in 5 years.
- ☞ After the completed of pre-primary and primary school teachers the training of middle school teachers will be organized in session 2006-07, 07-08. The training of 22,212 middle school teachers will be completed in 2 years.

Estimated/Proposed Budget for Programme (b)

1. Training programme for SRG	- 10,00,000=00
2. Training programme for DRG	- 1,09,575=00
3. Training programme for MTs	- 10,35,375=00
4. Training programme for pre-primary school teachers	- 23,99,100=00
5. Training programme for Primary school teachers	- 5,91,94,980=00
6. Training programme for Middle school teachers	- 1,97,58,140=00
7. Reorientation of MTs and other expenses	- 5,00,000=00
Total	- 8,39,97,170=00

(b) Training Programme for Pre-Primary, Primary and Middle School Teachers on Inclusive Education
(5 day training)

Objectives:

- ▶ To acquaint the teachers to the concept of inclusive education.
- ▶ To acquaint them to the teaching skills in inclusive set-up.
- ▶ To acquaint them to the techniques of adaptations and adjustment in curriculum to meet special educational needs of the learners.

Training strategy:

The trainings will be organized in 4 phases:

- ◆ Training of SRGs of the state at state-level: The services of National level experts (KRPs) like NCERT, NIEPA, Ed.CIL will be invited for the training of SRGs.
- ◆ Training of DRGs of the district at state-level: The SRGs will train the DRGs at 2 centres.
- ◆ Training of MTs at district-level: The DRG will train the MTs at 14 centres.
- ◆ Training of Pre-Primary, Primary and Middle school teachers: The training will be organized at blocks level.

Training of SRGs:

Request will be made from the National level institutions specially the NCERT to train the SRGs of the state.

Proposed Budget - 10,00,000=00

Training Programme for DRGs

No.of DRGs to be trained	-	85
Centre for training (Both CTEs)	-	02
No. of SRGs	-	06

1.	Stationery @ Rs. 25/- per person		2,275=00
2.	Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 3000/-		6,000=00
3.	Boarding and lodging @ Rs. 40/- per day per person	(40 x 91 x 5)	18,200=00
4.	Tea and Refreshment @ Rs. 10 per day per person	(10 x 91 x 5)	4,550=00
5.	Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 6)	3,000=00
6.	Honorarium to course director @Rs.125/- per day	(125 x 5 x 2)	1,250=00
7.	Honorarium to clerk @ Rs. 150	(150 x 2)	300=00
8.	Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5 x 2)	1200=00
9.	TA/DA to participants @ Rs.800/-	(800 x 91)	72,300=00
TOTAL			1,09,575=00

*Unit cost 1188=00 per trainee

Training Programme for MTs(Primary Schools)

Duration	-	5 day
No. of MTs to be trained	-	1200
Centre for training	-	14 (7 DIET + 7 BTI)
No. of trainers (DRG) (6 DRGs per institute)	-	85

1.	Stationery @ Rs. 25/- per person	(25 x 1285)	32,125=00
2.	Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 3000/-		42,000=00
3.	Boarding and lodging @ Rs. 40/- per day per person	(40 x 5 x 1285)	2,57,000=00
4.	Tea and Refreshment @ Rs. 10 per day per person	(10 x 5 x 1285)	64,250=00
5.	Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 85)	42,500=00
6.	Hon. to course director @Rs. 125/- per day	(125 x 5 x 14)	8,750=00
7.	Honorarium to one clerk @ Rs. 150	(150 x 14)	2100=00
8.	Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5 x 14)	8400=00
9.	TA/DA to participants @ Rs.450	(450 x 1285)	5,78,250=00
TOTAL			10,35,375=00

* Unit cost 781=00 per trainee

Training Programme for Pre-Primary teachers

No. of Teachers	-	1863
No. of teachers to be trained (2003-04, 04-05, 05-06)	-	621
Centre for training	-	14 (7 DIET + 7 BTI)
No. of trainers	-	45

Pre-primary teachers :

1.	Stationery @ Rs. 25/- per person	(25 x 666)	16,650=00
2.	Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 3000/-		42,000=00
3.	Boarding and lodging @ Rs. 40/- per day per person	(40 x 5 x 666)	1,33,200=00
4.	Tea and Refreshment @ Rs. 10 per day per perso	(10 x 5 x 666)	33,300=00
5.	Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 45)	22,500=00
6.	Hon. to course director @Rs. 125/- per day	(125 x 5 x 14)	8,750=00
7.	Honorarium to one clerk @ Rs. 150	(150 x 14)	2100=00
8.	Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5 x 14)	8400=00
9.	TA/DA to participants @ Rs.800	(800 x 666)	5,32,800=00
TOTAL			7,99,700=00

Total Estimated Budget for Three years - Rs. 23,99,100=00

Training Programme for Primary School Teachers

Total teachers	-	72008
No. of teachers to be trained	-	24003
Every year (from 2003-05)		
No. of training Centres	-	146
No. of MTs (8 from each block)	-	1200

1.	Stationery @ Rs. 25/- per person	(20 x 25203)	5,04,060=00
2.	Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 3000/-		5,84,000=00
3.	Boarding and lodging @ Rs. 40/- per day per person	(40 x 5 x 25203)	50,40,600=00
4.	Tea and Refreshment @ Rs. 10 per day per person	(10 x 5 x 25203)	12,60,150=00
5.	Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 1200)	6,00,000=00
6.	Hon. to course director @Rs.125/- per day	(125 x 5 x 146 x 2)	1,82,500=00
7.	Honorarium to one clerk @ Rs. 150	(150 x 146 x 2)	43,800=00
8.	Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5 x 146x2)	1,75,200=00
9.	TA/DA to participants @ Rs.450	(450 x 25203)	1,13,41,350=00
TOTAL			1,97,31,660=00

*Unit cost 738=00 per trainee

Estimated Total Budget for 03 years -

Rs. 5,91,94,980=00

Training Programme for Upper Primary School Teachers

Total teachers	-	22212
No. of teachers to be trained	-	11106
Every year (from 2006-07 to 2007-08)		
No. of training Centres	-	146
No. of MTs (6 from each block)	-	900

1.	Stationery @ Rs. 25/- per person	(20 x 12006)	2,40,120=00
2.	Material for SUPW, Creative work and other activities including TV, VCR and TA/DA of SRGs/ DRGs @ 2000/-		5,84,000=00
3.	Boarding and lodging @ Rs. 40/- per day per person	(40 x 5 x 12006)	24,01,200=00
4.	Tea and Refreshment @ Rs. 10 per day per person	(10 x 5 x 12006)	6,00,300=00
5.	Hon. to resource persons @ Rs. 100/- per day per person	(100 x 5 x 900)	4,50,000=00
6.	Hon. to course director @Rs.125/- per day	(125 x 5 x 146)	91,250=00
7.	Honorarium to one clerk @ Rs. 150	(150 x 146 x)	21,900=00
8.	Payment to one sweeper, one peon and watchman @ Rs.40 per day per person	(40 x 3 x 5 x 146)	87,600=00
9.	TA/DA to participants @ Rs.450	(450 x 12006)	54,02,700=00
	TOTAL		98,79,070=00

*Unit cost 823=00 per trainee

Estimated total Budget for 02 years - Rs. 1,97,58,140=00

Total Estimated/ Proposed Budget for Both Programmes (a) & (b)
- Rs. 10,67,32,795=00



2.20 Title : Training of High School Teachers For Using Educational Technology Equipments In Their Class-room Teaching.

1. Target Group : 2400 High school teachers of the state

Objectives :

- ▶ To introduce various new teaching aids like -Computer, Auto slide projector, Tape recorders, Television, Over head projector, VCD, CDs & the Projector in class room teaching.
- ▶ To make class room teaching interesting and effective.

Execution Period : 2003- 08

Implementation Methodology-

The training programme will be conducted in three phases:

First phase :

A workshop to discuss various strategies to impliment the plan .

Second phase :

At this level Resource Person will be trained at SCERT. Selected Lecturers of 19 educational districts will be participants.

Third phase :

At this level all the science teachers of the high schools will be trained in 5 years. Every year 480 teachers will be trained in two sessions. Thus in the next 5 years 2400 teachers will be trained.

Budget for the First phase :

Workshop at SCERT for the planning of the project:

Duration:	:	03 days
SCERT staff:	:	05
Participants	:	08
Total	:	13

T.A. to Teachers	1000 x 8	Rs. 8000 = 00
D.A. to teachers	105 x 5 x 13	Rs. 6825 = 00
Conveyance Allowance to SCERT mem.	100 x 5 x 3	Rs. 1500 = 00
Refreshment	5 x 20 x 3	Rs. 300 = 00
Misc. expenditure		Rs. 1200 = 00
Honorarium to Guest Lecturer	150 x 3	Rs. 450 = 00
Clerk	1 x 40 x 3	Rs. 120 = 00
TOTAL		Rs. 18395=00

II Phase -

Duration	:	03 days
Participants	:	36
Local Experts	:	06
TOTAL		13

1. T.A. to Participants	300 x 36	=	Rs.10800 = 00
2. D.A. to Participants	70 x 42 x 5	=	Rs.14700 = 00
3. Conveyance Allowance	100 x 6 x 3	=	Rs. 1800 = 00
4. Honorarium to course director	150 x 3	=	Rs. 450 = 00
5. Stationery	25 x 42	=	Rs. 1050 = 00
6. Refreshment	5 x 45 x 3	=	Rs. 675 = 00
7. Misc. expenditure		=	Rs. 1200 = 00
8. Honorarium to guest lecturer	150 x 3 x 6	=	Rs. 2700 = 00
9. Clerk		=	Rs. 200 = 00
10. Material for demonstration		=	Rs. 10000 = 00
TOTAL		=	Rs.43575 = 00

Step III - Training programme for teachers

There are approx. 1200 institutions all over the state. Two teachers from each institution are supposed to be trained in 5 years. 19 educational districts of the state will be divided into 6 zones. At a time 40 teachers will be trained in zonal head quarters. Every year two training programmes will be organized.

No. of participants	:	240
No. of DRGs	:	36
Duration	:	3 days
Venue	:	Zonal head quarters

1. T.A. to Participants	300 x 276	Rs.82800	= 00
2. D.A. to Participants	30 x 240 x 5	Rs.36000	= 00
3. D.A. of DRGs	105 x 36 x 5	Rs.18900	= 00
4. T.A. to course director	300 x 6	Rs.1800	= 00
5. D.A. to course director	100 x 6 x 5	Rs.3000	= 00
6. Stationery	20 x 276	Rs.5520	= 00
7. Refreshment	5 x 300 x 3	Rs.4500	= 00
8. Clerk	150 x 6	Rs.900	= 00
9. Fund for Development of Teaching aids	2000 x 6	Rs.12000	= 00
10. Boarding and lodging	40 x 240 x 3	Rs.28800	= 00
11. Payment to IV class	40 x 3 x 3 x 6	Rs.2160	= 00
TOTAL		Rs.196380	= 00

Two sessions in a year **196380 x 2** **Rs.392760 = 00**

Budget for year (2003-2004)	18,395+43,575+392760	=	Rs.4,54,730 = 00
Budget for year (2004-2005)	5,00,203 = 00 + 50,020	=	Rs.5,50,223 = 00
Budget for year (2006-2007)	550223 + 55022	=	Rs.605245 = 00
Budget for year (2007-2008)	605245 + 60525	=	Rs.665770 = 00
Total Budget		=	Rs. 27,76,171=00



2.21 Title : Plan to Strengthen Science Laboratory of Higher Secondary Schools of Tribal areas.

1. Target Group: High School / Higher Secondary Schools of Tribal areas.

2. Objectives :

- ▶ To develop an attitude of observation and learning by doing
- ▶ To make teaching - learning process more effective.

3. Modus Operandi :

3.1 Time Schedule : 2003-2008.

3.2 Implementation Methodology :

Total 315 Tribal schools of the state are to be benefitted with this project in a span of 5 years. This way every year 63 schools laboratories will be strengthened through this project.

4. Budget :

Per school expected expenditures :-

Physics Laboratory	Rs.40,000
Chemistry Laboratory-	Rs.30,000
Biology Laboratory	Rs.30,000
Almirah for keeping the articles	Rs.15000
Total	Rs.1,15,000

Expected expenditure for 63 schools :- $1,15,000 \times 63 = \text{Rs.}72,45,000$

During next 5 years (2003-2008) 315 laboratories will be enriched at the cost of :-

$72,45,000 \times 5 = \text{Rs.}3,62,25,000$

Total Budget- Rs.3,62,25,000=00



2.22 Title : Contents based training of Upper Primary School Teachers in Mathematics & Science (CBSE Course)

1. Target Group :

550 Science teachers and 550 Mathematics teachers from Upper Primary schools of the state .

2. Objectives-

- ▶ To get acquainted with Mathematics and Science curriculum.
- ▶ To understand the objectives of Mathematics and Science teaching.
- ▶ To solve the problems of the teachers .
- ▶ To develop efficiency for understanding the values in Mathematics and Science .

3. Modus Operandi :

3.1 Time Schdule : 2003-2008.

3.2 Implementation Methodology :

Every year this training will be organised for 110 Science teachers and 110 Mathematics teachers in 2-2 batches. Each batch will consist of 55 teachers.

This Programme Will be organised in two phases:-

I Phase - This phase contains development of teacher's handbook with the help of the subject- experts.

II Phase - 110 teachers (Science) and 110 teachers (Maths) will be trained in one year. In this way 550 teachers(Science) and 550 teachers(Maths) will be trained in next 5 years.

3.3 Venue :- SCERT Raipur

4. Budget :

I Phase -

Subject experts : 06 (02 Phy + 02 Che + 02 Bio)
 SCERT members : 06

TA to subject experts	=	06 x 2000	Rs. 12,000 = 00
DA to subject experts	=	06 x 105 x 07	Rs. 4,410 = 00
Honorarium to Local Experts	=	06x 100 x 05	Rs. 3,000 = 00
Stationery	=	16 x 30	Rs. 480=00
Refreshment	=	20 x 5 x 5	Rs. 500=00
Misc. Expenditure			Rs. 1,200=00
Honorarium to Guest Lecturer	=	10 x 150	Rs. 1,500=00
Honorarium to Clerk	=	1 x 40 x 5	Rs. 200=00
Printing of Teachers' manual @ 50/-	=	600 x 50	Rs. 30,000=00
TOTAL			Rs. 53,290=00

II Phase

Second Phase of the training will be organised every year during summer and winter vacations and each session will consist of 55 participants.

Resource persons	:	06
SCERT mem.	:	05
Duration	:	05 days
No. of participants	:	55 in each session
Venue	:	SCERT Raipur

TA of Resource Persons	=	06 x 2000	Rs. 12000=00
DA to Resource Persons	=	06 x 105 x 7	Rs. 4410=00
Honorarium to Local Experts	=	05 x 100 x 5	Rs. 2500=00
Honorarium to course dir.	=	150 x 5	Rs. 750=00
Honorarium to Guest R.P.	=	10(session) x 150	Rs. 1500=00
Stationery	=	71 x 30	Rs. 2130=00
Refreshment	=	75 x 5 x 5	Rs. 1875=00
Misc Expenditure			Rs. 1200=00
Honorarium to Clerk	=	1 x 5 x 40	Rs. 200=00
TA to participants	=	55 x 300	Rs. 16500=00
DA to participants	=	7 x 70 x 55	Rs. 26950=00
Material for Practical Works			Rs. 2000=00
TOTAL			Rs.72015=00

Budget for Second Phase of the Programme

Two Sessions in one year :- = 2 x 72015.00 Rs.1,44,030=00

Total :

Budget for I year	2003-04	53,290=00 + 1,44,030=00	= Rs. 1,97,320=00
Budget for II year	2004-05	1,97,320=00 + 19,732=00	= Rs.2,17,052=00
Budget for III year	2005-06	2,17,052=00 + 21,705=00	= Rs.2,38,757=00
Budget for IV year	2006-07	2,38,757=00 + 23,875=00	= Rs.2,62,632=00
Budget for V year	2007-08	2,62,632=00 + 26,263=00	= Rs. 2,88,895=00
Total			Rs. 12,04,656=00

Budget for 5 years (2003-2008) for Science Teachers Training :Rs. 12,04,656=00

Budget for 5 years(2003-2008) for Mathematics Teachers Training :Rs. 12,04,656=00

Total Budget (2003-08) Rs. 24,09,312=00

2.23 Title : Pedagogical (Methodology) Training of High School Teachers.

1. Target group : 2400 High school teachers of the state

2. Objectives :

- ▶ To introduce various new methods to teach different subjects.

3. Execution Period : 2003- 08

4. Modus Operandi:

4.1 Implementation Methodoly :

The training programme will be conducted in three phases:

First phase:-

At this level a workshop will be organized i SCERT to discuss about various other methods of teaching eg. project method, experimental method, field work, collection of information etc. These methods will be used with the appropriate content.

Second phase :

At this level Resource Persons will be trained at SCERT. Lecturers of 19 educational districts will be participants.

Third phase :

At this level all the science teachers of the high schools will be trained in 5 years. Every year 480 teachers will be trained in two sessions. In the next 5 years 2400 teachers will be trained.

4.2 Budget :

First phase-

Workshop at SCERT for the planning of the project:

Duration:	:	03 days
SCERT staff:	:	05
Participants	:	08
Total	:	13

T.A. to Teachers	1000 x 8	Rs. 8000=00
D.A. to teachers	105 x 5 x 13	Rs. 6825=00
Conveyance Allowance to SCERT mem.	100 x 5x 3	Rs. 1500=00
Refreshment	5 x 20 x 3	Rs. 300=00
Misc. expenditure		Rs. 1200=00
Honorarium to Guest lecturer	150 x 3	Rs. 450=00
Clerk	1 x 40 x 3	Rs. 120=00
TOTAL		Rs. 18785=00

II Phase -

Duration	:	03 days
Participants	:	36
Local Experts	:	06
TOTAL	:	13

1	T.A. to Participants	300 x 36	=	Rs.10800=00
2	D.A. to Participants	70 x 42 x 5	=	Rs.14700=00
3	Conveyance Allowance	100 x 6 x 3	=	Rs.1800=00
4	Honorarium to course director	150 x 3	=	Rs.450=00
5	Stationery	25 x 42	=	Rs.1050=00
6	Refreshment	5 x 45x 3	=	Rs.675=00
7	Misc. expenditure		=	Rs.1200=00
8	Honorarium to guest lecturer	150 x 3x 6	=	Rs.2700=00
9	Clerk		=	Rs.200=00
10	Material for practical work		=	Rs.2000=00
TOTAL			=	Rs.35575=00

Step III Training programme for Teachers -

There are approx. 1200 institutions all over the state. Two teachers from each institution are supposed to be trained in 5 years. 19 educational districts of the state will be divided into 6 zones. At a time 40 teachers will be trained in zonal head quarters. Every year training programme will be organized during summer and winter.

No. of participants	:	240
No. of DRGs	:	36
Duration	:	3 days
Venue	:	Zonal Head Quarters

1.	T.A. to Participants	300 x 276	Rs.82800=00
2.	D.A. to Participants	30 x 240 x 5	Rs.36000=00
3.	D.A. of DRGs	105 x 36 x 5	Rs.18900=00
4.	T.A. to course director	300 x 6	Rs.1800=00
5.	D.A. to course director	100 x 6 x 5	Rs.3000=00
6.	Stationery	20 x 276	Rs.5520=00
7.	Refreshment	5 x 300 x 3	Rs.4500=00
8.	Clerk	150 x 6	Rs.900=00
9.	Material for creative work	2000 x 6	Rs.12000=00
10.	Boarding and lodging	40 x 240 x 3	Rs.28800=00
11.	Payment to IV class	40 x 3 x 3 x 6	Rs.2160=00
TOTAL			Rs.196380=00

Two sessions in a year	196380×2	=	392760 . 00
Budget for year (2003-2004)	$18,785+35,575+3,92,760$	=	Rs.4,47,120 =00
Budget for year (2004-2005)	$3,92,760 +3,92,76$	=	Rs.4,32,036=00
Budget for year (2005-2006)	$4,32,036 + 43,204$	=	Rs. 4,75,240=00
Budget for year (2006-2007)	$475240 + 47524$	=	Rs. 5,22,763=00
Budget for year (2007-2008)	$522763 + 52276$	=	Rs. 5,75,039=00
Total Budget		=	Rs. 24,52,198 =

2.24 TITLE : PLAN FOR SCHOOL IMPROVEMENT PROGRAMME.

1. Target Schools (Sample) :

- * 10 PS from each block per session
- * 5 UPS from each block per session

2. Coverage During 5 yrs. : $146 \times 15 \times 5 = 10950$ schools

Sarva Shiksha Abhiyaan is a time-bound programme with the aim of universalizing elementary education. With the opening of new schools, the problem of access has been addressed to a large extent. Enrolment drives have helped in enrolling out of school children in schools. But it has not been possible to give them quality education for which we need school improvement programmes.

3.Objectives:

- ▶ To improve the quality of school
- ▶ To improve the achievement level of students
- ▶ To help all the students attain MLL
- ▶ To make the schools attractive
- ▶ To get community participation

Work-Plan:

- * FA meeting will be arranged with the DIET/BTI staff
- * DIET will plan for the school improvement of that district
- * Schools will be selected with the help of DIET/ BTI/ DEO/ BEO
- * 10 PS and 5 MS from each block will be selected
- * A meeting of HM with BEO will be arranged
- * Teachers meeting at cluster level will be arranged

To improve the quality of school and achievement of children, following components play an important role :-

- * Capacity building of teachers
- * Renewal of curriculum and text-books
- * Use of TLE
- * Creating favourable atmosphere in the school
- * Teaching Learning Process
- * Evaluation
- * Monitoring
- * Community Participation

Capacity Building of teachers :

Teachers' training is an important aspect as far as quality is concerned. With the changing scenario, textbooks and blackboards are not enough for instructional purpose. At the same time, the teacher is not aware of the new techniques of teaching .So training based on content as well as pedagogy is absolutely necessary.

Renewal of curriculum and textbooks –

Many a programmes that are very well planned fail, as they are not properly implemented. This happens with curriculum also. In order to form such a curriculum which is local specific and meets the needs of the society, teachers should also be involved in the process of curriculum framing for which their orientation is necessary.

Use of TLM

During the various training programmes emphasis will be laid on the development and use of TLM. Teachers will be motivated to make use of local specific material. It will be ascertained through monitoring that teachers are using TLE.

Creating favourable Atmosphere in the school

Schools will be made attractive by writing slogans on walls and putting charts in the classroom. Learning corners will also be made in the schools.

Teaching Learning Process

Traditional methods of teaching are prevalent especially at the upper primary level. Teachers should be trained to give opportunities to children in learning by doing and learning by observation in a joyful atmosphere.

Evaluation

Evaluation does not merely mean assessing the knowledge gained by the student but also to apply remedial teaching effectively. Hence, there should be continuous and comprehensive evaluation and the teacher should find out where the child is having difficulty in learning and how it can be removed.

Monitoring

In Chhattisgarh there are 16 administrative districts and 19 educational districts. Each district has an academic in-charge from SCERT. The incharge is responsible for the achievement and quality issues of his/her district.

State-level monitoring

For the successful implementation of any programme, monitoring is absolutely essential. How far the training given to teachers is effective can be found out only by actually watching the teacher in the classroom. So SCERT has allotted each district to the members of its staff.

District –level monitoring

At present there are 7 DIETs and 7 BTIs in the state. There is a proposal to upgrade these BTIs into DIETs and open 2 new DIETs.

DIETs have also allotted blocks to their lecturers for monitoring. Under school improvement programme, a resource group will be formed at the local level to implement this programme effectively. This group will give necessary academic support to teachers and visit the schools at least once in a month. They will also participate in the block and cluster level meetings.

District Education Officials will also be involved in school improvement programme. They will monitor a few schools every month. Assistant Director in the District Education Office will be the incharge of this programme. Similarly DPCs will also help in monitoring

Block level monitoring

At the block level, BEO and BRCC will be responsible for the monitoring. Few schools will be selected for this purpose. The achievement of these schools will be considered as a model for other schools and will be followed in other schools also.

Cluster level monitoring

At cluster level, CAC will monitor every school once in a month.

Village level monitoring

At village level, VEC and members of panchayat will monitor the schools.

Budget for Effective Monitoring of Schools for 2003-04

1. Development and use of TLE (With teachers' training)	146 x 15 x 5000	10950000/-
2. Beautification of schools and Sahaj Shiksha Kendra development	146 x 10000	1460000/-
3. Training according to needs		438000/-
4. Monitoring (by SCERT staff)		50000/-
5. Monitoring (by DIET/BTI staff)	16 x 20000	320000/-
6. Monitoring (at block level)	146 x 10000	1460000/-
7. Meeting at the cluster level	146 x 15 x 150 x 10	3285000/-
8. Meeting with the community (Rs. 200/- per meeting, 5 meetings per year)	146 x 15 x 1000	2190000/-
TOTAL		20153000/-

(Rs. Two Crore One Lakh Fifty Three Thousand Only)

Total Budget for the Plan Period = 20153000 x 5 = **Rs. 10,07,65,000=00**



2.25 Title : Capacity Building Training of Primary & Upper-Primary School Teachers.

Introduction :

The issue of teachers is becoming a priority educational phenomenon & its no mere platitude to state that good quality education needs good teachers. It is quite difficult to estimate the influence of teachers on the pupils & the role of a teacher in moulding the character of thousands of pupils is tremendous.

Owing to so many reasons, best persons are not being attracted to teaching profession. So there is a decline & steep fall of standards in education & also in the general ways of living in people. It is the need of the hour for teachers to undergo self-criticism, to introspect & to find out the reasons for this state of affairs & to know how far teachers are responsible for the deplorable state of affairs.

If the teachers acquire commitment, dedication, love & other essential competencies, & if they are enabled & empowered to perform multiple tasks in the classroom, school as well as in the community in a genuinely professional manner, then a chain of reaction can begin starting with a sound teacher in students in cognitive, affective & psychomotor areas of development.

It is certain that to provide the best education, the best teacher should be necessarily equipped with skills & competencies. This is true especially at the elementary level where the role of a teacher becomes limitless & infinite since he inculcates the values & positive attitudes in children. However enlightened may be the aims of education, however up-date the equipment, however efficient the management, unless the teacher is competent, the whole system of education becomes corrupt & collapses gradually. Therefore, it is a matter of common sense that the best way to provide quality education is to empower teachers with required competencies. The teacher should be properly enlightened, educated through proper training & develop a sense of responsibility & love towards his profession & with the rapid expansion of elementary education both in number & extent, teachers must come out of teachers training institutions with great perfection in teaching competencies & allied aspects.

While planning for the capacity building of teachers, it is necessary to identify teachers' basic learning needs & the areas of required competencies. On the basis of the above areas identified, the following initiatives will be ensured in the State:

1. CAPACITY BUILDING OF THE RESOURCE GROUPS AT VARIOUS LEVELS:

The existing State Resource Group will be reconstituted & the Middle school teachers will also join in this group. In the same way the District & block level Resource Groups will be formed. These groups will be provided continuous support with the help of external agencies like the Technical support Group etc. they will also get the exposure of the various programmes undergoing in different states. The state will develop a list & details of indicators for regular monitoring of the progress towards UEE. It will also facilitate better planning, management, monitoring & evaluation by the state-district teams.

2. CURRICULAR REFORM:

There are dangers of a discontinuity between the curricula in primary & upper primary schools & an imbalance in the allocation of time between subjects. The primary curriculum focuses on students learning basic competencies while the current upper primary curriculum emphasizes subject disciplines & their content.

The existing pre-service teacher education curricula will be modified as per the requirements. The following aspects will be taken care of during the design of the new curriculum:

- I. Strengthening National identity & preserving Cultural Heritage
- II. Integrating indigenous knowledge & India's contribution to mankind
- III. Responding to the impact of globalization
- IV. Meeting the challenges of Information & Communication technology
- V. Linking education with life-skills
- VI. Education for value development relating education to the world of work.
- VII. Reducing the curricular load
- VIII. Culture specific pedagogues
- IX. Continuous & comprehensive evaluation

3. DEVELOPMENT OF TEACHER- COMPETENCY

As per the norms of the Sarva Shiksha Abhiyan, teachers will be provided training of different duration for different levels. Training programs will be conducted after proper planning at different levels.

- (a) Subject-wise & methodology related different training will be arranged.
- (b) The use of latest technologies will be ensured during training programmes.
- (c) Regular teachers training will be arranged in the Block Resource Centres. DIET will be augmented to cater the need of every aspects of teacher training as a district resource center & the services of the BRCs to be used as an extended arm of the DIETs.
- (d) The College of Teacher Education, Raipur & Bilaspur will strengthen the capacity of DIETs & provide guidelines in different research activities.
- (e) Training needs of teachers will be identified at different levels & suitable training modules will be developed accordingly from time to time.
- (f) Training of teachers through distance mode will be initiated in the state.

4. TEACHER SUPPORT ACTIVITIES

- (a) Developing an effective monitoring- supervision mechanism in order to regular, on-site, school-based academic support on quality aspects.
- (b) District & state level magazines to make the teachers aware of the latest trends in education.
- (c) Extensive use of media to support teachers on different issues.
- (d) Regular exposure visits to make the teachers learn from the experiences of others & share the ideas.
- (e) Starting different distance education programmes to develop the capacity of teachers.

(5) Research issues:

- (a) SCERT with the help of DIETs will look after these issues.

- (b) Capacity at all level will be built to enhance the skills for doing Action Researches.
- (c) The proper linkage between the researcher & planners will be established.
- (d) The outcome of different studies will be utilized to get solutions of different problems.
- (e) A state level committee will be formed to approve different proposals for the studies.

(6) Innovative programmes

- (a) Exposure visits will be conducted to learn different innovative practices undergoing in different places.
- (b) Special programmes for the inclusion of hardcore children, child-labours & Others in the alternative model of education will be initiated. Innovations at different levels will be motivated & supported from the state.
- (c) **Content Enrichment Programme for DIET Personnel to orient them with the content of Upper Primary level.**
- (d) Removing the backlog of untrained teachers in the state by providing them training through distance education mode in collaboration with IGNOU & NCTE by developing a six months condensed course approved by NCTE & making it relevant & state specific.
- (e) School Experience Programme to make the field staff understand & experience the ground realities of schools & plan accordingly.
- (f) Chhattisgarh being the tribal dominated state, special programmes to support tribal education will be initiated through SCERT.

This programme includes orientation of PS teachers and UPS teachers. Plans and budget proposals are given below.

Title A. Orientation of Primary School Teachers :

Objectives :

- ▶ Capacity building of PS teachers
- ▶ To make them efficient in effective teaching of primary classes
- ▶ To popularize the use of teaching aids among primary teachers
- ▶ To make them efficient in multi-grade teaching
- ▶ The main role of SCERT is to provide teachers training of different types in the state. The following types of teachers training are proposed in the state under SSA:

Teacher Training:

- ◆ *Provision of 20 days In-Service Course for all teachers each year*
- ◆ *60 days refresher course for untrained teachers already employed as teachers*
- ◆ *30 days orientation for freshly trained recruits*

In case, it is not possible to conduct the training for the maximum number of days given in the norm, the duration of the training period can be reduced to the extent possible.

Objectives of the training

- ▶ To develop mastery of the teachers in content area
- ▶ To develop mastery of the teachers in pedagogical area
- ▶ To introduce multi-media approach for teachers training

Modus Operandi :

Different modes will be adopted for teachers training of different types & duration:

20 Days Teachers Training:

This training will be provided to the entire regular Upper Primary teachers/ Shikshakarmis. Total approximately 19,825 teachers are engaged at Upper Primary level.

•Training of Teachers for Revised Text-books of Elementary level:

As per the state govt.'s decision, the teachers will be given training for all those textbooks which will be revised from time to time under Sarva Shiksha Abhiyan.

•Training on Teaching Learning Materials(TLM):

To supplement teachers training on preparations and use of TLM, regular workshops will be organized at different levels.

TLE Workshops

Upper Primary Teachers will be given exposure on the proper use of TLE.

•Training for Multigrade Teaching:

The Multigrade Pilot Project will be implemented in selected schools in Chhattisgarh. As the teachers facing multigrade situation have to teach more than one class simultaneously, they need to develop special skills to cope up with it. They require to be oriented about how to manage teaching of different subjects, keeping in view the MLL, to different classes at the same time.

•Script Writing Workshops for the development of educational CDs:

Different educational CDs will be developed on various issues & teachers training will be organized through interactive CDs.

•Training for vision enhancement of elementary teachers:

As the SSA will be implemented in the near future, there will be a need to orient all the teachers, Functionaries about the Sarva Shiksha Abhiyan. SCERT will develop a package for the orientation of teachers as well as educational administrators to develop the vision of the functionaries so that the project can be implemented smoothly in the state.

•Training of middle School teachers in hard areas:

The district Incharges of SCERT are in regular touch with the staff & teachers of their respective districts. During the classroom observation & focus group discussions, they will identify the hard areas of their particular districts & design the suitable training strategies to implement the training Programme in the district. In this way, almost 60% teachers of the districts will be given training.

While selecting the teachers, the performance of the school result & the age of that teacher will be taken care so that maximum benefit of the training in the classroom teaching can be ensured.

Orientation on the different pedagogical aspects of classroom processes:

During the pre-project activities in the state, it was found that the teachers lack many concepts related to pedagogy. In order to enhance the skills in teaching learning, the teachers will be oriented from time to time on the various issues related to pedagogy like- Multi-grade teaching, Questioning techniques, disciplinary issues, developing suitable teaching aids, play way method of teaching, innovative stress-free evaluation techniques etc.

Use of latest education technology while teaching at elementary level:

As the technology is advancing day by day & within near future, there is a need to cope with the modern technology in the state, the Head start Project, already running in the state will be strengthened so that the computer enabled learning to solve the day to day problem of teachers as well as children will be tackled. The head start project in charges will be provided different types of trainings to handle the computers. These head start centers will be well equipped with the latest facilities like Internet & intranet & the teachers from surrounding Schools will also get the training through these centers.

Use of modern technology in teachers training:

The SSA envisages the quality issues to be of the top priority & under SSA; several trainings will be organized from time to time. In order to reduce the transmission loss & provide quality training in the state, it is highly essential that the SCERT use the modern technology to provide different types of training. With the collaboration of IGNOU, New Delhi & ISRO, different types of Tele Conferencing programmes will be organized in the state. The process of establishing the Dist. antennas in the different districts is ongoing & in near future all the block resource center will be covered with these systems & training through air will be telecast at these centers.

Training on Computers:

The education technology cell will orient different teachers in the use of computers. These days under different projects, computers are provided in different schools. The teacher incharge who will handle these computers will be provided regular training with the help of the Education Technology Cell by collaborating with the Directorate of Public Instruction.

I. Budget for the training of primary teachers for the year 2003-04

No. of primary teachers	-	43298
No. of Shiksha Karmi & Guruji	-	20807
Total		64105

Mode of training :

Out of 64105 teachers, half of the teachers will be trained in 2003-04 and the remaining half will be trained in 2004 – 05. In the last three years one-third of the total no. of teachers will be trained every year.

A. Training of SRG

Time period	-	5 days
No of participants	-	15 + 3 KP + 2 others

1.	Working Lunch	20 x 50 x 5	5000
2.	TA/DA	10 x 800	8000
3.	Stationery	18 x 50	900
4.	Contingency		1000
5.	Hon. To Course Dir.	150 x 5	750
6.	Hon. To KRP	100 x 3 x 5	1500
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 2 x 5	400
	Total		17700

B. Training of DRG

Time period	-	7 days
No of participants	-	180 + 15 SRG + 15 others
		Total = 210

1.	Working Lunch	210 x 50 x 7	70000
2.	TA/DA (Conv.all.for local Participants @ 50/- per day	180 x 1200	204000
3.	Stationery	195 x 50	9250
4.	Contingency	2000 x 4	8000
5.	Hon. To Course Dir.	150 x 7	1050
6.	Hon. To SRG	100 x 15 x 7	10500
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 12 x 7	3360
	Total		306310

C. Training of MT

Time period	-	10 days
No of participants	-	2400 + 180 DRG + 100 others

1.	Working Lunch	2680 x 30 x 10	804000
2.	TA/DA	2500 x 1000	2500000
3.	Stationery	2500 x 25	64500
4.	Contingency	60 x 2000	120000
5.	Hon. To Course Dir.	16 x 125 x 10	20000
6.	Hon. To DRG	180 x 100 x 10	180000
7.	Hon. To Clerk	150 x 16	2400
8.	Hon. To Peon	16 x 6 x 10 x 40	38400
	Total		3729300

D. Training of Teachers

Time period- 12 days

No of participants - 32000 + 2400 MT + 1752 others

1.	Working Lunch	36152x 30 x 12	13014720
2.	TA/DA	34400 x 1000	34400000
3.	Stationery	34400 x 25	860000
4.	Contingency	800 x 2000	1600000
5.	Hon. To Course Dir.	146 x 125 x 12	219000
6.	Hon. To RP	2400x 100 x 12	2880000
7.	Hon. To Clerk	146 x 150	21900
8.	Hon. To Peon	1752 x 40 x 12	840960
	Total		53836580

Training of SRG	-	17700
Training of DRG	-	306310
Training of MT	-	3729300
Training of Teachers	-	53889890
Total		5,78,89,890/-

II. Budget for the training of primary teachers for the year 2004-05**A. Orientation of SRG**

Time period - 3 days

No of participants - 15+ 3 KP + 2 others

1.	Working Lunch	20 x 50 x 3	3000
2.	TA/DA	10 x 600	6000
3.	Stationery	18 x 50	900
4.	Contingency		1000
5.	Hon. To Course Dir.	150 x 3	450
6.	Hon. To KP	100 x 3 x 3	900
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 2 x 3	240
	Total		12640

B. Orientation of DRG

Time period - 4 days

No of participants - 180 + 15 SRG + 15 others

1.	Working Lunch	210 x 50 x 4	42000
2.	TA/DA	180 x 4000	180000
3.	Stationery	180 x 50	9000
4.	Contingency	4 x 2000	8000
5.	Hon. To Course Dir.	150 x 4	600
6.	Hon. To SRG	100 x 15 x 4	6000
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 12 x 4	1920
	Total		247670

C. Training of MT-

Time period - 5 days
 No of participants - 2400 + 180 DRG + 100 others = 2680

1.	Working Lunch	2680 x 30 x 5	402000
2.	TA/DA	2500 x 1000	2500000
3.	Stationery	2500 x 25	64500
4.	Contingency	60 x 2000	120000
5.	Hon. To Course Dir.	16 x 125 x 5	10000
6.	Hon. To DRG	180 x 100 x 5	90000
7.	Hon. To Clerk	150 x 16	2400
8.	Hon. To Peon	16 x 6 x 5 x 40	19200
Total			3208100

D. Training of Teachers-

Time period - 12 days
 No of participants - 32000 + 2400 MT + 1752 others

1.	Working Lunch	36152x 30 x 12	13014720
2.	TA/DA	34400 x 1000	34400000
3.	Stationery	34400 x 25	860000
4.	Contingency	800 x 2000	1600000
5.	Hon. To Course Dir.	146 x 125 x 12	219000
6.	Hon. To RP	2400x 100 x 12	2880000
7.	Hon. To Clerk	146 x 150	21900
8.	Hon. To Peon	1752 x 40 x 12	840960
Total			53836580

Training of SRG	-	12640
Training of DRG	-	247670
Training of MT	-	3208100
Training of Teachers	-	53836580
Total		5,73,03,990/-

Budget for the training of primary teachers for the year 2005-06

Training of SRG

Time period - 5 days
 No of participants - 15 + 3 KP + 2 others
 = 20

1.	Working Lunch	20 x 50 x 5	5000
2.	TA/DA	10 x 800	8000
3.	Stationery	18 x 50	900
4.	Contingency		1000
5.	Hon. To Course Dir.	150 x 5	750
6.	Hon. To KP	10 x 3 x 5	1500
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 2 x 5	400
Total			17700

Training of DRG

Time period - 7 days
No of participants - 125 + 15 SRG + 15 others = 155

1.	Working Lunch	155 x 50 x 7	54250
2.	TA/DA (Conv.all.for local Participants @ 50/- per day)	125 x 1200	150000
3.	Stationery	140 x 50	7000
4.	Contingency	2000 x 3	6000
5.	Hon. To Course Dir.	150 x 7	1050
6.	Hon. To SRG	100 x 15 x 7	10500
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 9 x 7	2520
	Total		231470

Training of MT -

Time period - 10 days
No of participants - 1650 + 125 DRG + 100 others = 1875

1.	Working Lunch	1875 x 30 x 10	562500
2.	TA/DA	1775 x 1000	1775000
3.	Stationery	1775 x 25	44375
4.	Contingency	41 x 2000	82000
5.	Hon. To Course Dir.	16 x 125 x 10	20000
6.	Hon. To DRG	125 x 100 x 10	125000
7.	Hon. To Clerk	150 x 16	2400
8.	Hon. To Peon	16 x 6 x 10 x 40	38400
	Total		2649675

Training of Teachers -

Time period - 12 days
No of participants - 22000 + 1650 MT + 876 others = 24526

1.	Working Lunch	24526 x 30 x 12	8829360
2.	TA/DA	23650 x 1000	23650000
3.	Stationery	23650 x 25	816250
4.	Contingency	550 x 2000	1100000
5.	Hon. To Course Dir.	146 x 125 x 12	219000
6.	Hon. To RP	1650 x 100 x 12	198000
7.	Hon. To Clerk	146 x 150	21900
8.	Hon. To Peon	876 x 40 x 12	420480
	Total		35254990

Training of SRG	-	17,700
Training of DRG	-	2,31,470
Training of MT	-	26,49,675
Training of Teachers	-	3,52,54,990
Total		3,81,53,835/-

Budget for the training of PS teachers for 2005 – 08 = 3,81,53,835 x 3
= 11,44,61,506/-

89

Total Budget for PS Teachers -

Budget for the training of PS teachers for 2003-04 –	5,78,89,890=00
Budget for the training of PS teachers for 2004-05 -	5,73,03,990=00
Budget for the training of PS teachers for 2005-08 -	11,44,61,506=00
Total	12,96,55,386=00

B. Orientation of Upper Primary Teachers :

Objectives :

- ▶ To develop mastery of teachers in content area
- ▶ To give computer training
- ▶ To orient them on the use of latest education technology
- ▶ To orient them on continuous and comprehensive evaluation

Budget for the training of Upper primary teachers for the year 2003-04

A. Training of SRG-

Time period	-	5 days
No of participants	-	10 + 3 KP +3 others = 20

1.	Working Lunch	16 x 50 x 5	4000
2.	TA/DA	10 x 800	8000
3.	Stationery	16 x 50	800
4.	Contingency		1000
5.	Hon. To Course Dir.	150 x 5	750
6.	Hon. To KP	10 x 3 x 5	1500
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 3 x 5	480
	Total		16680

B. Training of DRG-

Time period-	-	7 days
No of participants	-	112 + 10 SRG + 6 others = 128

1	Working Lunch	128 x 50 x 7	44800
2.	TA/DA (Conv.all.for local Participants @ 50/- per day	112 x 1200	134400
3.	Stationery	112 x 50	5600
4.	Contingency	2000 x 2	4000
5.	Hon. To Course Dir.	150 x 7	1050
6.	Hon. To SRG	100 x 10 x 7	7000
7.	Hon. To Clerk	150 x 1	150
8.	Hon. To Peon	40 x 6 x 7	1680
	Total		198680

C. Training of MT-

Time period - 10 days
No of participants - 1495 + 112 DRG + 100 others = 1707

1.	Working Lunch	1707 x 30 x 10	512100
2.	TA/DA	1607 x 1000	1607000
3.	Stationery	1607 x 25	40173
4.	Contingency	37 x 2000	74000
5.	Hon. To Course Dir.	16 x 125 x 10	20000
6.	Hon. To DRG	112 x 100 x 10	112000
7.	Hon. To Clerk	150 x 16	2400
8.	Hon. To Peon	16 x 6 x 10 x 40	38400
	Total		2406073

D. Training of Teachers-

Time period - 12 days
No of participants - 19920 + 1495 MT + 876 others = 22291

1.	Working Lunch	22291 x 30 x 12	8024760
2.	TA/DA	21415 x 1000	21415000
3.	Stationery	21415 x 25	535375
4.	Contingency	498 x 2000	996000
5.	Hon. To Course Dir.	146 x 125 x 12	219000
6.	Hon. To RP	1495 x 100 x 12	1794000
7.	Hon. To Clerk	146 x 150	21900
8.	Hon. To Peon	876 x 40 x 12	420480
	Total		33426515

Training of SRG	-	16680
Training of DRG	-	198680
Training of MT	-	2406073
Training of Teachers	-	33426515
Total	-	3,60,37,948/-

Budget for the Project Period :

36037948 x 5 = Rs. 18,01,89,740/-

(Rs. Eighteen Crore One Lakh Eighty Nine Thousand Seven Hundred and Forty Or



2.26 TITLE : TRAINING OF PRE-PRIMARY SCHOOLS TEACHERS.

Objectives :

- ▶ To raise enrolment level of children in primary classes
- ▶ To prepare inspiring atmosphere for primary education
- ▶ To make pre-primary and primary school teachers to understand the importance of pre-primary education
- ▶ To enhance confidence of parents for Universalization of primary education

Implementation Period :

2003-04 to 2007-08. Plan will be completed in three phases. They are described below:

First phase: Preparation of teaching-aids and toys for children.

<u>Participants:</u> Experts from DIETs/BTIs	-	14
Teachers from local schools	-	06
Experts from SCERT	-	07
Total participants	-	27

Duration of Training: - 5 days

Budget:

T.A.	500 x 22	11,000=00
D.A.	105 x 27 x 7	19,845=00
Stationery	30 x 27	810=00
Refreshment	5 x 30 x 5	750=00
Misc. Expenditure		1200=00
Clerk	40 x 5	200=00
Typist	40 x 5	200=00
For teacher Guide (1200 copies)		65,000=00
Training programme of Toy-making & preparation of Teaching –aid Kit box for all Schools of the State	1161 x 1500	17,41,500=00
Total		18,40,505=00

Second Phase : *Training of Resource Persons*

No. of Resource persons	-	38
Guest Lecturers	-	03
Local Experts	-	05
Duration of training	-	05 days

Budget :

T.A.	500 x 38	19,000=00
D.A.	105 x 43 x 7	31,605=00
Honorarium to guest RPs	3 x 150 x 5	2,250=00
Stationery	30 x 46	1,380=00
Refreshment	50 x 5 x 5	1,250=00
Misc. Expenditure		1200=00
Clerk	40 x 5	200=00
Typist	40 x 5	200=00
Fund of play-things , toys & Teaching –Aid Development		5000=00
Total		62,085=00

Third phase: Training of the teachers

No. of teachers	-	373 per year in two batches 273 x 5 = 1863 teachers in five years
Duration	-	5 years
No. of RPs	-	28
No. of centers	-	08
No of teachers in one session	-	136 + 28 = 164

T.A.	164 x 300	49,200=00
D.A.	136 x 75 x 7	71,400=00
D.A. of RPs	28 x 105 x 7	20,580=00
Stationery	164 x 25	4,100=00
Refreshment	180 x 5 x 5	4,500=00
Hon. To C.D.	150 x 8 x 5	6,000=00
Misc. Expenditure	1200 x 8	9,600=00
Clerk	200 x 8	1,600=00
Typist	200 x 8	1,600=00
Peon	200 x 8	1,600=00
Material for Practical work and Teaching –aids	2000 x 8	16,000=00
Boarding and lodging	164 x 40 x 5	32,800=00
T.A. of monitoring team	8 x 500	4,000=00
D.A. of monitoring team	105 x 8 x 3	2,520=00
Total		2,25,500=00

For two session in one year : $2,25,500 \times 2 = 4,51,000/-$
 In five years : $= 22,55,000/-$

Total Budget for the Project :

I phase	18,40,505=00
II phase	62,085=00
III phase	22,55,000=00
Grand Total	41,57,590=00

(Rs. Forty One Lacs, Fifty Seven Thousand Five Hundred and Ninety Only)



92

2.27 Title : Organisation of Inter-State Educational Tours in Science for the Selected Teachers of High & Higher Secondary School Teachers

Target Group : Teachers of High and Higher Secondary Schools.

Objectives :

- ▶ Teachers will be aware of various places of scientific importance.
- ▶ Teachers will be exposed to new scientific situations .
- ▶ Teachers will be motivated .
- ▶ Teachers will be able to understand various new activities.
- ▶ New dimensions of knowledge will be generated

Time Schedule : 2003-2005.

Plan :

- ◆ Every year 20 teachers will be selected .
- ◆ 10 Lecturer / Teachers of Maths /Physics
- ◆ 10 Lecturer / Teachers of chemistry / Bio.
- ◆ Each 10 teachers group will have
 - Escort teacher .
 - Escort teachers will be from SCERT.

Selection Procedure :

- ◆ Application will be invited from the teachers .
- ◆ A state level committee headed by Director SCERT will select the teachers.

Budget :

Approx.	10,000 x 22	=	Rs. 2,20,000=00
	2,20,000=00 x 5	=	Rs.11,00,000
	Total	=	Rs.11,00,000



3.00 Professional Development of Practitioners :Teacher Educators, Managers and Others

3.01 Title ; Capacity Building Training of Lecturers & Other Teaching Staff of DIETs & BTIs.

1. **Target Group** :
- (a) DIET Lecturers
 - (b) DIET Teaching Staff (other than lecturers)
 - (c) Primary and Upper Primary Teachers.
 - (d) Pre Service Trainees.

2. **Objectives** :

- a.) Universalization of Primary Education.
- b.) Mass Mobilization and Training for Sarva Shiksha Programme
- c.) Quantitative Improvement in Primary Education.
- d.) Innovation in Education in view of Child Centred Approach.
- e.) Special Attention towards Educational Research and Action Research.
- f.) To conceive a new approach of conducting, organizing Co-Curricular Activities.
- g.) Implementing Evaluation Pattern, reforms as continuous comprehensive examinations
- h.) To improve joyful and attractive environment in the educational Institutions, specially for new comers through DIETs.

4. **Time Schedule** : First Step (for two years)

1. The time period will be of two academic years i.e. from 2003 - 04 and 2004 - 05.
2. In the year 2003-04 four training sessions of 15 days each will be organised at IASE, Bilaspur and CTE, Raipur for DIET Lecturers and other Teaching Staff.
3. In the year 2004-05, four another training sessions will be organised for Lecturers and other Teaching Staff of BTIs. As BTIs are to be upgraded as DIETs for future. So that each district must have one DIET.

Number of DIETs in Chhattisgarh is 7. According to the basic structure, there are 11 branches in each DIET and there shall be atleast two lecturers or other teaching staff for each branch. Hence the proposed population for the training shall be 154.

As we cannot call all the 22 members of the staff for training at a time. So we have distributed atleast half of the staff for one training session according to the programme given below :

(A) TRAINING SESSIONS OF ACADEMIC YEAR 2003-04

(Training for DIET lecturers and other Teaching Staff)

- (a) First Training Session at IASE, Bilaspur. (2nd and 3rd week of September 15 days)
- (b) Second Training Session at CTE, Raipur. (2nd and 3rd week of October 15 days)
- (c) Third Training Session at IASE, Bilaspur. (2nd and 3rd week of November 15 days)
- (d) Fourth Training Session at CTE, Raipur. (2nd and 3rd week of December 15 days)

(B) TRAINING SESSIONS OF ACADEMIC YEAR 2004-05

(Training for BTI lecturers and other Teaching Staff)

BTIs have to follow the pattern of DIETs, although they have limited infrastructure, human resources and physical facilities. Because certain interval they may be upgraded as DIETs. The similar training pattern will be adopted for BTIs too.

- (a) First Training Session at IASE, Bilaspur. (2nd and 3rd week of September 15 days)
- (b) Second Training Session at CTE, Raipur. (2nd and 3rd week of October 15 days)
- (c) Third Training Session at IASE, Bilaspur. (2nd and 3rd week of November 15 days)
- (d) Fourth Training Session at CTE, Raipur. (2nd and 3rd week of December 15 days)

5. Mode of Training:

The first target group, DIET lecturers and other teaching staff will be invited for the period of 15 days at IASE, Bilaspur for Capacity Building Training Programme. As we know that DIETs have conduct and coordinate all the academic activities up to elementary education in each district. So that DIET lecturers and other teaching staff must be well equipped with the quality of multidimensional Resource Person.

(a) Training Plan :

- 1. Details of work-shop and discussions organized to prepare Prospective Plan.
- 2. Details of studies conducted to assess training needs and identify gap-areas in pre-service and in-service Teacher Education.
- 3. Targets are translation of objectives in clearly defined quantitative terms.
- 4. What plan intends to achieve during the plan period when specified in quantitative terms, is known as targets.
- 5. Targets to be set on following items.
 - i). Teacher Training to be conducted Pre-service and In-service.
 - ii). BRC and CRC coordinators are also to be trained.
 - iii). All the teacher educators are also to be trained.

6. Targets to be achieved :

- 1. Targets to be set in phased manner, i.e. on year to year basis.

2. This aggregated target setting will be in practice.
(i.e. district wise targets on all the above items.)

7. Identification of Problems and issues :

Sources for identification and issues are

- State profile of Elementary Education.
- Teacher Education Programme in the State.
- Pre Plan activities undertaken.
- Workshop and discussions organised.

8. Different levels & :

(a). Institutionas & Persons responsible for Personnels involved-

- (i). SCERT, Chhattisgarh, Raipur.
- (ii). Principal and Staff of IASE, Bilaspur.
- (ii). Principal and Staff of CTE, Raipur.
- (iii). Principals and Staff of DIETs of Chhattisgarh.
- (iv). Principals and Staff of BTIs of Chhattisgarh.

(b). Resource Persons

- (i). One representative from NIEPA, New Delhi.
- (ii). One representative from NCERT, New Delhi.
- (iii). Two representatives from SCERT, Raipur.
- (iv). Any retired Judge/ IAS/IFS/IPS/Military Officer/ Executives of Public Sector/Senior Academician.
- (v). Professor of IIT.
- (vi). One Convenor of NCC/NSS/Red-Cross/Scout & Guide and Sports Executives.
- (vii). Any noted dramatist, dancer, singer, mucisian sculptor or artist in fine arts.
- (viii). Any Psychiatrist.

- 9. Criteria for Selecting RPs. :** Resource persons are the main architect, who lay the foundation of new concept of Education Policy. So, we have to be more cautious in selecting them.

- 10. Arranging Resouce Materials :**
- 1. Overhead Projector.
 - 2. A Set of Computers with printers.
 - 3. Writing White Boards with pens and duster.
 - 4. Epidiascope.
 - 5. Lecture Stand.
 - 6. Books & Manuals for all participants.
 - 7. UNICEF Science Kits prepared for Pri-
mary & Upper Primary Classes.

8. Roll up Boards.

9. Raw materials for teaching aids workshop

11. Facilities for Lodging & Boarding :

The hall of IASE Boys Hostel, with the capacity of 25, shall be available for the trainees. A new Girls Hostel with the capacity of 24, is ready to be handed over to the IASE, Bilaspur. Hostel Mess shall be available on cost.

12. Equipping Training Hall :

Training Hall with following facilities is available :

1. White Board with sketch pen and duster.
2. 50 Chairs and desks.
3. Public address system & Sufficient light.
4. A set of Computer.
5. Well equipped stage for cultural programmes.

13. Budgeting :

Budgeting proposal is mentioned on next page.

BUDGETING

1.	Expenditure for first Round Training	Rs.	1, 76, 600. 00
2.	Remuneration & TA/DA of Programme Director	Rs.	15, 000. 00
3.	Remuneration & TA/DA of Programme Coordinator	Rs.	10,000. 00
4.	Remuneration & TA/DA of Asstt. Coordinator	Rs.	7, 500. 00
5.	Remuneration & TA/DA of Resource Persons	Rs.	30, 000. 00
6.	Repairing of Hostel Rooms and Toilets	Rs.	50, 000. 00

Total Expenditure on First Round Training	Rs. 1, 89, 100. 00
--	---------------------------

Year 2003-04

1.	Expenditure on 1 st Round Training	Rs.	1, 89, 100. 00
2.	Expenditure on 2 nd Round Training	Rs.	1, 89, 100. 00
3.	Expenditure on 3 rd Round Training	Rs.	1, 89, 100. 00
4.	Expenditure on 4 th Round Training	Rs.	1, 89, 100. 00

Total Expenditure for the year 2003-04	Rs. 07, 56, 400. 00
---	----------------------------

Total Expenditure for the year 2004-05	Rs. 09, 70, 000. 00
---	----------------------------

Total Expenditure on the Training Programme	Rs. 17, 26, 400. 00
--	----------------------------



3.02 Title : Administrative Training of Secondary School Principals.

1. **Target Group** : 100 Principals of secondary schools..Twenty days duration for one round. It is proposed 01 round of programme per academic year as well as follow-up programmes. In each round 50 principals will be trained.

2. Objectives :

- ▶ To acquaint the trainees with administrative, financial and academic issues.
- ▶ To train them in various practical aspects regarding problems in above three areas.
- ▶ To expertise them in financial matters.
- ▶ To make them understand with the service rules viz. leave rules, pension rules, welfare of employees etc.
- ▶ To develop problem solving attitude.
- ▶ To make them good and efficient administrator for betterment of the institution.

3. Modus Operandi :

3.1 **Time Schedule** :05 hours daily for 20 days in 02 rounds in 02 academic session.

3.2 **Mode of Training:** Training Programme

3.3 **Different Levels & Personnel Involved :**

Experts in the field of administrative, financial and academic areas. Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 **Criteria for Selecting RPs:**

Experts in the field of administrative, financial and academic areas.

3.5 **Time Table :**

06 periods each of 45 minutes and two recess each of 20 minutes Lectures will be concentrated on Official Administration, A.F. & Financial records, Evaluation, recruitment and promotion rules, Maintenance cash book & financial records, Pension rules, leaves etc. Time Table is enclosed.

3.6 **Arranging Resource Materials** :

Reference books on administrative, financial and academic areas.

3.7 **Venue for the Training** :GCE, Raipur. & IASE Bilaspur

3.8 **Facilities for Lodging & Boarding** :Hostels of IASE/CTE & Hostel of DIETs.

3.9 **Equipping Training Hall** :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.10 **Developing Different Farnat** :
1. Registration Form
2. Expectation Form
3. Questionnaire
4. Suggestions.

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*20	6000.00
2.	Remuneration to Project co-ordinator	01	250.00	250*20	5000.00
3.	Remu. to RPs	20	100.00	100*120	12000.00
4.	T.A..D.A. for Participants	50	100.00	1400*50	70000.00
5.	Remun. to Clerk	01	60.00	60*20	1200.00
7.	Remun. to Typist	01	60.00	60*20	1200.00
8.	Remu. to peon	02	40.00	40*2*20	1600.00
9.	Stationery & Material	50+22	300.00	300*72	21600.00
10.	Miscellaneous Expenditure	50+22	20.00	20*72	1440.00
11.	Refreshment & Working Lunch	50+6	50.00	50*56*20	56000.00
12.	Fuel	-	100.00	100*20	2000.00
13.	Reference Books & Teaching learning materials				10000.00
Total Rs.					188040.00

Total Budget of the Programme

Total 2 Round Programme Proposed For the First Pharse & 3 Round Programme Proposed For Second Phase.

i.e. Total Amount for 05 Programmes 188040*05 **940200.00**

(Rs. Nine Lac Forty Thousand Two Hundred only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Records of Difficulties & Implementations as suggested by Trainees.

6. Determing Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be post poned.

7. Evaluation of the Programme : Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion of Trainees.

3.03 TITLE : SEMINAR ON MODERN TECHNIQUES & STRATEGIES OF TEACHING FOR IASE/CTE/DIET/BTI TEACHER EDUCATORS.

1. Target Group : Faculties of IASE/CTE/DIET/BTI

2. Objectives

- ▶ To acquaint the teacher educators with the concept of Educational Technology.
- ▶ To equip teacher educators for using different teaching methods & approaches.
- ▶ To develop self instructional materials in teaching-learning process.
- ▶ To train them about use of audio-visual aids.
- ▶ To choose right method for given situation, the teacher must be familiar with different methods of teaching.

3. Modus Operandi :

3.1 Time Schedule : 05 hours daily for 07 days in 02 rounds in 01 academic session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Experts from NCERT, NIEPA, RIEs as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs :

Experienced teacher educators having knowledge in the field of Educational Technology

3.5 Time Table :

04 lectures (Each of one hour) daily different topic & 01 hour for lunch break.

3.6 Venue for the Training : SCERT, Raipur

3.7 Facilities for Lodging & Boarding : Hostels of IASE/CTE & Hostel of DIETs.

3.8 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.9 Developing Different Format :

1. Registration Form
2. Expectation Form

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*7	2100.00
2.	Remuneration to Project Co-ordinator	01	250.00	250*7	1750.00
3.	Remu. to RPs	04	200.00	200*4*7	5600.00
4.	T.A. for Participants and RPs	40+4	100.00	100*44*2	8800.00
5.	D.A. for Participants and RPs	40+4	90.00	90*44*9	35640.00
6.	Remu. to Clerk	01	60.00	60*7	420.00
7.	Remu. to Typist	01	60.00	60*7	420.00
8.	Remu. to peon	02	40.00	40*2*7	560.00
9.	Stationery & Material	40+6	300.00	300*46	13800.00
10.	Miscellaneous Expenditure	40+6	20.00	20*46	920.00
11.	Refreshment & Working Lunch	40+6	50.00	50*46*7	16100.00
12.	Fuel	-	100.00	100*7	700.00
13.	Reference Books & Teaching learning materials	40+6	50.00	50*46	2300.00
14.	Monitoring & Supervision				5000.00
Total Rs.					94110.00

Total Budget of the Programme

Total 4 Round Programme Proposed For the First Phase & 2 Round Programme Proposed for the Second Phase.

i.e. Total Amount for 06 Programmes 94110*06 **564660.00**

(Rs. Five Lac Sixty Four Thousand Six Hundred Sixty only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Difficulties in implementation as suggested by trainees.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be post poned.

7. Evaluation of the Programme :

Evaluation of the Programme will be done through

- ◆ Post Test of Trainees.
- ◆ Continuous observation of Trainees.
- ◆ Opinion of Trainees.



3.04 TITLE : ORIENTATION OF IASE/CTE TEACHER EDUCATORS ON RESEARCH METHODOLOGIES.

1. Target Group : Faculties of IASE/CTEs

2. Objectives :

- ▶ To acquaint the teacher educators with the concept research methodology & research design.
- ▶ To develop skill of researcher working at different research areas.
- ▶ To make them aware to develop different research tools.
- ▶ To improve research activities for solution of practical problems.
- ▶ For advancement of knowledge of new research techniques.
- ▶ To make them aware with new research trends.

3. Modus Operandi :

3.1 Time Schedule :

05 hours daily for 07 days in 01 rounds in 01 academic session.

3.2 Mode of Training : Seminar

3.3 Different Levels & Personnel involved :

Experts from NCERT, NIEPA, RIEs as RPs. Also Course Director, Project Coordinator, Clerk, Typist, Peons & Trainees.

3.4 Criteria for Selecting RPs :

Experienced teacher educators & experts engaged in different research work.

3.5 Time Table :

04 lectures (Each of one hour) daily different topic & 01 hour for lunch break.

3.6 Venue for the Training : SCERT, Raipur

3.7 Facilities for Lodging & Boarding : Hostels of CTE & Hostel of DIETs.

3.8 Equipping Training Hall :

Training hall should be equipped with one over head projector, slide projector and black board with seating arrangement.

3.9 Developing Different Format :

- ◆ Registration Form
- ◆ Expectation Form

4. Budgeting :

No.	Heads	No. of Participants	Rate	Calculation	Total Amount
1.	Honrarium for C.D.	01	300.00	300*7	2100.00
2.	Remuneration to Project Co-ordinator	01	250.00	250*7	750.00
3.	Remu. to RPs	04	200.00	200*4*7	5600.00
4.	T.A. for Participants and RPs	40+4	100.00	100*44*2	8800.00
5.	D.A. for Participants and RP	40+4	90.00	90*44*9	35640.00
6.	Remu. to Clerk	01	60.00	60*7	420.00
7.	Remu. to Typist	01	60.00	60*7	420.00
8.	Remu. to peon	02	40.00	40*2*7	560.00
9.	Stationery & Material	40+6	300.00	300*46	13800.00
10.	Miscellaneous Expenditure	40+6	20.00	20*46	920.00
11.	Refreshment & Working Lunch	40+6	50.00	50*46*7	16100.00
12.	Fuel	-	100.00	100*7	700.00
13.	Reference Books & Teaching Learning Material	40+6	50.00	50*46	2300.00
14.	Monitoring & Supervision				5000.00
Total Rs.					94110.00

Total Budget of the Programme

Total 2 Round Programme Proposed For the First Phase : 94110*02 **188220.00**

(Rs. One Lac Eighty Eight Thousand Two Hundred Twenty only)

5. Documentation :

- ◆ Copies of lectures delivered by RPs.
- ◆ About Teaching Aids
- ◆ About Audio-Video Materials.
- ◆ Results of Pre-Test and Post-Test.
- ◆ Difficulties in implementation as suggested by trainees.

6. Determining Risk Factors & Possible Strategies :

- ◆ Non-availability of RPs -Alternative arrangement will be made.
- ◆ Least presence of participants - In case it is less than the programme will be postponed.

7. Evaluation of the Programme :

Evaluation of the Programme will be done through

1. Post Test of Trainees.
2. Continuous observation of Trainees.
3. Opinion of Trainees.

3.05 TITLE : ORIENTATION OF TEACHER EDUCATORS ON THE SUBJECT "IDENTITY OF WOMEN".

1. Introduction :

Women in India represent 48.1% of the country's population [1991 census], where as their representation in parliament is 7.4% [1996]and in civil services is 10% which is very less.

A womans struggle for survival begins at conception .Advances in technology have only compounded the issue. This leads to a high rate of mortality of the female child.

The dignity of women is emphasized in the constitution itself.

The preamble starts with "We the people " which includes women, gave to ourselves a constitution.

Article 14 confers equal rights for men & women.

Article 15 prohibits discrimination against any citizen on the ground of religion, race, caste and gender.

Despite all these provisions there still lies a question mark on the Identity Of Women.

Many welfare schemes and projects for women are being conducted but a woman is still unidentified. So ti duty of we people to establish the identity of women. Keeping this view in mind a training programme is proposed hereby.

2. Objectives Of The Training :

After this training programme the participants will be :

- ▶ able to describe the identity of women in society, family, organisation and workplace.
- ▶ able to describe the struggle of women for their identity and name.
- ▶ in a condition to fixed up the participation of women in decision making.
- ▶ helpful in implementing the legal provisions, policies, programmes, projects supporting a womans status.

3. Contents:

The training programme will be organized on these contents :

- ◆ Meaning of Identity
- ◆ Status of Women
- ◆ Women & health
- ◆ Women & family
- ◆ Women & Society
- ◆ Women & Workplace
- ◆ Sucess and Women - psychological analysis.
- ◆ Identity of Women and role of N.G.O.'s

4. Training Mode :

- ◆ Discussion
- ◆ Group Work
- ◆ Film Show
- ◆ Quiz
- ◆ Action plan

105

5. Participants :

<input type="checkbox"/>	2 Lecturers from each DIET and each B.T.I.	= 14 + 14	⇒ 28
<input type="checkbox"/>	Gender co-ordinator from D.P.O. [R.G.P.S.M.] each district of the state		⇒ 16
<input type="checkbox"/>	1 Participant from S.P.O. [R.G.P.S.M.] Raipur		⇒ 01
<input type="checkbox"/>	2 Participants from T.W.D. Raipur		⇒ 02
<input type="checkbox"/>	2 Participants from Mahila Bal Vikas Raipur		⇒ 02
	Total Participants		⇒ 51

6. **Duration:** 3 days training programme is proposed here followed by a 3 days follow up training.

7. Budget :

T.A. D.A. will be paid from the institutions of the participants as per Govt. norms

Working Lunch	55 x 50 x 3 days	7925/-
Stationary	55 x 35	1925/-
Remuneration of the guest speakers	200 x 15	3000/-
Print Material		3000/-
Contingency		2000/-
TA of Participants	500*35	17500/-
DA of Participants	90*35*3	9450/-
Conveyance Allowance of local Participants	10*100*3	3000/-
Total Expenditure		47,800/-



4.00 RESEARCH PROJECT

4.01 EFFECTIVENESS OF “INDIRA GANDHI SOOCHANA SHAKTI YOJANA” OF CHHATTISGARH STATE WITH RESPECT TO ENHANCE CAI AMONG STUDENTS.

1. Investigators : 1. Alok K.Sharma, Lecturer, CTE, Raipur (Chhattisgarh)
2. Deepankar Bhowmik, Lecturer, SCERT, Raipur

2. Chief Investigator: Dr. R.D. Singh, Professor, SCERT, Raipur

3. Introduction :

Shri Aajit Jogi, Chief Minister, Govt. of Chhattisgarh was declared “Indira Gandhi Soochana Shakti Yojana” in order to develop area of Information Technology in new state on the birth day of Late Smt. Indira Gandhi i.e. 19 Nonember 2000 . Yojana was inaugurated by Shri Dinesh Nandan Sahai, Governor, Chhattisgarh on 26 January 2001 at Raj Bhawan, Raipur

All girls belonging to S.C., S.T. & below poverty line those are studying in class IX to XII is to be benefitted by this Yojana and will get free Computer Education & Training. Girls other than S.C./ S.T. /below poverty line can also take advantage of this Yojana by paying equivalent amount Rs. 54.00 to M/s All India Society for Electronic and Computer Technology (AISECT) , E-8/54, Bharat Nagar, Bhopal. State Govt. has authorised AISECT, Bhopal for giving free Computer Education to girls through this “Indira Gandhi Soochana Shakti Yojana”

According to data received of the last year i.e. February 2002 this yojana is being implementing on total of 631 schools and number of Girls those who are getting free Computer Education are 41998.

3. Target Group :

High Schools & Higher Secondary Schools under different districts of the state will be selected randomly where Indira Gandhi Soochana Shakti Yojana is being implemented,

4. Objectives :

- ▶ To provide free computer education to girls students of class IX, X, XI, & XII of all girls & co-educatiional schools.
- ▶ To provide free computer education to all girls students of scheduled caste & scheduled tribe & families of below poverty line.
- ▶ To cover one lak girls students of for such free training.
- ▶ To find effectiveness of “Indira Gandhi Soochana Shakti Yojana” .
- ▶ To measure attitude of girls towards CAI.

5. Time Schedule :

- | | | |
|----------------------|---|-----------|
| (i) Survey | : | 02 Months |
| (ii) Data Collection | : | 02 Months |
| (iii) Data Analysis | : | 01 Month |
| (iv) Report Writing | : | 01 Month |

5. Budget : In order to conduct the research project financial implications will be :-

T.A.D.A. for survey	:	Rs. 20,000.00
T.A.D.A. for Data Collection	:	Rs. 20,000.00
Preparation of Tools	:	Rs. 15,000.00
Stationery / Writing Report	:	Rs. 35,000.00
Contengency	:	Rs. 10,000.00
Total		Rs. 1,00,000.00



4.02 TITLE : A STUDY OF EDUCATIONAL DEVELOPEMENT SCENARIO AMONG ' KAMAR' (SPECIAL SCHEDULED TRIBE) OF CHHATTISGARH.

Name of the Investigator: Smt. Smriti Sharma, Lecturer, SCERT, Chhattisgarh, Raipur.

Name of the Chief Investigator: Dr. R.D. Singh, Assistant Professor, SCERT, Raipur

Statement of the Problem:

In Vedic period, India had a well organized system of education but later on the system became rigid & slowly education became the privilege of a few upper caste in hierarchy.

Kamar tribe is one of the tribes which has s primitive life style & education did not have much significance for them. This attitude kept them in a state of illiteracy, ignorance & poverty. In a democratic socialistic set up, the dream of an "Egalitarian Society" would not be realized without universalization of education. But while analyzing the whole situation minutely, it reveals that we still have a long way to go. The Govt. & voluntary organizations initiated efforts in this regard. The Govt. has launched various schemes & projects keeping a target of 100% literacy & enrolment among the tribes. How these projects proved helpful & achieved the target is the concern of the investigator. Afer providing all sort of facilities, development has to be studied.

Thus the statement of the topic, "Educational Development Scenario among Kamar Special tribe" is appropriate.

Objectives of the study:

- *Actual facilities given to these special tribes will be studied.*
- *Physical aspects of the educational facilities will be studied.*
- *Academic aspects of educational facilities will be studied.*
- *Actual number of enrolment will be checked.*
- *Actual drop out number will be gathered.*
- *Reasons of the drop outs will be studied.*
- *Achievement level of the children will be measured.*

Overview of Literature:

J.H. Steward has given socio-economic information in his work- "the economic & social basis of primitive bonds."

Sociological study of labour amongst the Muria tribals of Bastar has been performed by Dr. J.S. Shrivastava.

"Demographic profile of Kamar: A primitive tribe of Madhya Pradesh" has been done by Ranjan Biswas, P.K. Patra, Dr. A. K. Kapoor.

Dr. Arun Palta, Nisha Sharma & Meenakshi Vishwakarma studied the socio-economic profile of the kamars.

Dr. G.P. Patel & Dr. T.K. Vaishnav have studied the Kamar & Bhuria Tribale by the point of view of population & family planning measures.

Specifically highlighting the educational scenario, investigator could not find other studies.

Expected Outcomes:

- ◆ An overall educational scenario of the special Kamar Tribe will be found.
- ◆ Remedial measures can be framed.

Methods of Data Collection:

- ◆ Interviewing method will be adopted to gather information.
- ◆ Questionnaire will be given for the collection of data.
- ◆ Achievement test of the children will be taken.

Data Analysis:

Simple statistical analysis will be done, e.g. Average, critical ratio etc.

Research Organization:

This project includes sociology & Anthropology subjects in the study.

Time Budgeting:

a) Preparatory work	1 month
b) Field Work	2 months
c) Data Analysis	2 months
d) Report writing	1 month
Total	6 months

Cost Proposals:

Rs. 1,00,000/- (Rs. One Lakh) is required for this research project under the following head

Developing & administering tools:	25,000=00
Field Survey:	50,000=00
Stationery & report preparation:	25,000=00
Total	1,00,000=00



4.03 Title : A Survey of Training Needs of Teachers in Dealing with Children of Special Groups.

1. Investigators :

1. O.P. Mishra, Lecturer, SCERT, C.G. Raipur
2. Sunil Mishra Astd. Teacher, District-Durg(C.G.)

2. Chief Investigator :

Dr. R.D. Singh Astd.Prof., SCERT, C.G. Raipur

Postgraduated in Mathematics with Statistics from Banaras Hindu University, Varanasi (U.P.) in 1963 and he got M.Ed.(honours) degree from R.S. University, Raipur in 1974 Dr.R.D. Singh has undergone a training in Advanced Mathematics Education from University of Technology, LOUGHBOROUGH, England (U.K.) in 1984-85. He has a long teaching experience of PG/Graduate/UPG and secondary college level and training institution for nearly 40 years. He secured Ph.D. in Education in 1992 and has produced 07 Ph.D. scholars under his research guidance. He is expert member in RDC in Vikram University, Ujjain. He has been awarded Excellence in Teaching Award by the Governor of M.P. on Teacher's day in 1998.

3. Introduction :

Special Focused Groups Children deserve a high priority in any programme of elementary education the main reason being that a very large majority of children who are not part of the formal system of education come from these groups viz the Scheduled Tribes, Scheduled casts, the children from physically and mentally challenged group and the minorities. The educational arrangements for these groups are of special concern for the state of Chhattisgarh because about half of its population belongs to the categories STs & SCs with 36% ST population in the education of special focused group children, there are a large number of constraints due to which the process of education among them is not adequate. The Education Commission (1964-66) have also stated :

“Destiny of our Nation is being shaped in our classrooms.”

NPE (1986) stipulated that teacher education is a continuous process and its pre-service and in-service teacher education programme take care of a educational needs of teachers, In-service teacher preparation has become crucial for education of the special focused groups.

Hence the researchers decided to investigate the training needs of elementary school teachers of the state with respect to the education of the children with special focused groups.

4. Objectives :

- ▶ To have a survey of teachers teaching the children of special focused groups.
- ▶ To explore their needs for effective teaching.
- ▶ To know about the expectations of the parents and community regarding the education of the special group children.
- ▶ Planning of training of these teachers according to their needs.
- ▶ To enhance the capacity of teachers teaching special focussed groups children.

5. Delimitations :

The training needs of teachers will be explored with special reference to the ST children and children with disabilities only.

6. The Sample :

- On the basis of random sampling 4-5 districts in the state will be selected for the study.
- In the selected districts 100 teachers will be contacted.

6. Methodology :

- Survey method will be used in the study.
- Interview schedule/questionnaire /observation schedule will be designed by the investigators.

7. Work Plan of Activities :

Preparation Phase	-	Two months
Execution Phase	-	Three months
Data Analysis	-	Two months
Report writing	-	Three months

8. Budget : Financial Assistance Sought

TA/DA for data collection	-	40,000=00
Printing of tools/report	-	30,000=00
Stationery	-	25,000=00
Contingency	-	5,000=00
Total		Rs. 1,00,000=00



4.04 Title : A Study of Gender Gap in Literacy Attainment in Chhattisgarh.

1. Investigators :

1. Mrs. J.Kurian, Lecturer, SCERT, Raipur, Chhattisgarh.
2. Mrs. S.N.Ali, Lecturer, SCERT, Raipur, Chhattisgarh.

2. Chief Investigator :

Dr. R.D.Singh, Professor, SCERT, Raipur, Chhattisgarh.

3. Name & Address of Institute :

State Council for Educational Research & Train, Shanker Nagar, Raipur, Chhattisgarh.

4. Background :

There is a mark difference between female Literacy Rate and that of males in Chhattisgarh. According to 2001 census report, the female literacy percentage lacks behind that of the males by 25% points. This study aims that looking closely at the literacy gap and related aspects at the District level. Thus the study would have a significant reflection as well as impact on Educational planning and management.

5. Scope and Sample of the Study :

- The study would result in finding ways and means for leveling the gap between male and female literacy attainment.
- Based on the study, schemes could be made to mobilise the society towards enhancing female literacy.
- Some gap area in the existing system could be identified.
- This study would have a bearing on decentralised education policy making and planning.
- The 4 Districts with highest gender gap in literacy attainment (i.e. Kawardha, Janjgir-Champa, Bilaspur and Dantewada) and 4 Districts with least such gap (Rajnandgaon, Kanker, Jashpur and Dhamtari) would be taken as samples.

6. Objectives of the Study :

- ▶ To carryout habitation level sampling to find the relationship between female literacy attainment with socio cultural and economic aspects.
- ▶ To identify loop holes in the system designed for literacy.
- ▶ To identify changes to be brought about in the syllabus and instruction materials.

7. Method tools and techniques

- Survey and personal interaction at habitation/district level.
- Data Collection – related to school education and demography.
- Comparison of attainment of districts and also with other States.
- Interviews, data collection from authentic collections and meetings.

8. Work-plan of activities

- Preparation Phase – 2 months.
- Execution Phase – 3 months.
- Data Analysis – 2 months
- Report Writing – 3 months.

9. Financial Assistance

1.	T/DA for consultation meetings	Rs.20,000/-
2.	Payment to Research Associate	Rs.40,000/-
3.	T/DA for data collection	Rs.20,000/-
4.	Preparation of tools	Rs.15,000/-
5.	Stationery	Rs.20,000/-
6.	Contingency	Rs.10,000/-
	TOTAL	Rs.1,25,000/-



4.05 Title : COMPACT DISC FOR SLOW LEARNERS OF ENGLISH AT PRIMARY LEVEL: PREPARATION OF SELF-LEARNING MATERIALS

Investigator: J.Kurian, *Lecturer (English), State Council for Educational Research and Training (SCERT), DIET Campus, Raipur.*

NEED FOR THE PROJECT:

- ◆ Need to enhance the level of English among children with special needs at primary level.
- ◆ Need to support children with special needs (with special focus on slow learners) with self-learning materials. Such materials would help the learners learn at their own pace.

OBJECTIVES:

- ▶ To prepare C.D.s for slow learners to be used as self-learning material.
- ▶ To help slow learners to learn at their own pace and come at par with the normal students.

DURATION OF THE PROJECT: 5 YEARS.

PLAN OF WORK:

Phase-1(Duration:1 month)

Identification of needs of slow learners of English as a second language at primary school level.

Phase-2 (Duration-1 month) : Training for the preparation of C.D.s.

Phase-3 (Duration-3 months) : C.D. script writing and developing C.D.s

Phase-4(Duration-4 years) : Use of the C.D.s by the target group, continuous follow up and evaluation

EXPENDITURE:

(i)	Need identification <i>T.A.,D.A., preparation of tools for need identification</i>	:	5,000.00
(ii)	Training for preparation of C.D	::	20,000.00
(iii)	Preparation of C.D.s <i>(consltation meetings and developing softwares)</i>	:	40,000.00
(iv)	Purchase of resource/reference materials <i>(Books,C.D.s)</i>	:	20,000.00
(v)	Contingency and stationery	:	20,000.00
TOTAL			1,05,000.00

(One Lakh Five Thousand Only)



4.06 Title : Improving The Monitoring Mechanism of B.R.Cs. & C.R.Cs.

Investigator : Shri U.S. Kshatri, Lecturer, SCERT, Raipur.

Target group : B.R.Cs. & C.R.Cs.

Background :

Education officers and their representative are expected to help and bring about improvement in the academic and co-curricular activities of schools. There is some evidence to indicate downward trend in this regard. This may have some relation to supervision by education officers. Poor and ineffective supervision is one of the reasons of downward trend of school in a district. It is therefore, planned to undertake this project.

Probable Reasons :

- ◆ Suggestions given in the supervision report are vague and not clear.
- ◆ More emphasis is given on negative comments rather than positive or suggestive aspects in the report.
- ◆ Suggestions given are over-ambitious and are not practicable in school situations.
- ◆ Supervision reports are not sent in time.
- ◆ Report form need change.

Action Hypothesis :

If the supervisory reports are reviewed, after improving the report form (if needed) only practicable suggestions are given in place of negative comments, then the quality of schools can be improved.

Tools -

- ◆ Proforma for analysing previous supervisory reports.
- ◆ Questionnaire for teachers.
- ◆ Interview schedule for headmasters.

Action plan :

- ◆ first of all at least 20 reports of previous supervisions will be analysed and observations will be recorded on a proforma. A list of suggestions which were vague and impracticable will be prepared.
- ◆ on the basis of above information, a questionnaire for teacher and Interview schedule for headmasters will be prepared.
- ◆ data will be collected by the tools prepared, that is, through the questionnaire and Interview schedule
- ◆ if required new report forms will be prepared.
- ◆ Supervision will be oriented with new forms and style of supervision.
- ◆ A sample of at least 10 schools will be selected for testing and hypothesis.

Time Budgeting :

	Activity	Time Duration
1.	Analysis of previous supervision reports	10 days
2.	Preparation of tools	15 days
3.	Data collection from teachers and headmasters	30 days
4.	Preparation of new report forms and orientation of supervisors	15 days
5.	Selection of schools and recording of their status (academic as well as co-curricular)	15 days
6.	Supervision and sending reports	2 months
7.	Recording of post-supervision status after four months	15 days
8.	Analysis of data-testing the hypothesis	10 days
9.	Preparation of report of the work done	10 days

Financial Implications:

◆	Printing of tools	20000=00
◆	Books	20000=00
◆	Typing and contingency	10000=00
Total		50000=00



4.07 TITLE : "PREPARATION AND EFFICACY OF TUTORIAL COURSEWARE IN MATHEMATICS."

1. Investigator : Alok K. Sharma, Lecturer, CTE, Raipur (Chhattisgarh)

2. Chief Investigator : Dr. R.D. Singh, Professor, SCERT, Raipur

3. Introduction :

With the development of educational technology and computer science, it is being increasingly realized that many of the problems relating to instruction can be taken care of by using computers in schools. Keeping in view the importance of Computer-Assisted Instruction (CAI) and dearth of suitable courseware available for the school level target group, the researcher decided to develop a courseware which can utilise capabilities of a computer. CAI modes like drill and practice, tutorial, games, simulation, specifically the tutorial mode can be most suitable for giving new content and effective content and effective interaction. Hence the present research is planned.

4. Objectives of the Study :

- ▶ To prepare / develop a courseware in Mathematics.
- ▶ To find out the difference i.e. gain in achievement between the pre-test and post-test scores.
- ▶ To find out the relationships between the variables: gain in achievement, intelligence and time taken for working on courseware.
- ▶ To compare the gain in achievement of boys and girls.
- ▶ To judge the suitability of and efficacy of prepared courseware.
- ▶ To bring out the implications of the study.

5. Hypotheses :

- ◆ There is no significant difference between means of pre test and post test scores.
- ◆ There is no significant relationship between I.Q. and gain.
- ◆ There is no significant relationship between time taken and gain.
- ◆ There is no significant relationship between time taken and I.Q.
- ◆ Boys and girls do not differ significantly in gain.

6. Methodology :

Quasi-experimental method with single group will be employed. Pre-test, post test design also known as pre-post test experimental design will be used.

The following tools will be employed :

- ◆ Dr. Jalota's group general mental ability test to find out I.Q. of the subjects of study.
- ◆ Two parallel pre test and and post test based on the same blue print will be developed by the investigator to find out achievement of the subjects in the selected topic of Mathematics.
- ◆ Self made observation schedule for recording learners' interaction with the courseware.
- ◆ Two self made questionnaires, one for learner and another for the experts to judge the suitability of courseware.
- ◆ Self made courseware for experimentation.

The following techniques will be used :

- ◆ Observation technique
- ◆ Stastical technique (t-test, rank difference correlation technique, U-test)

7. Sample :

A sample will be drawn by employing non-probability random sampling based on the judgement of the researcher. In all, 50 students studying in class IX and X will be selected which will have equal number of boys and girls. Ten teacher educators having a science background will be requested to validate the content and its presentation in the courseware.

8. Steps :

- ◆ Study of the related literature.
- ◆ Preparation of pre and post test.
- ◆ Treatment with courseware and observation.
- ◆ Administration of post test.
- ◆ Administration of test of I.Q. and collection of other data.
- ◆ Analysis of data and interpretation.
- ◆ Reporting

9. Budget : In order to conduct the research project financial implications will be :-

1.	Preparation of courseware	:	Rs. 35,000.00
2.	TA/DA for consultation meetings		Rs. 20,000.00
3.	Payment to Research Associates	:	Rs. 40,000.00
4.	T.A.D.A. for Data Collection	:	Rs. 20,000.00
5.	Preparation of Tools	:	Rs. 40,000.00
6.	Books	:	Rs. 20,000.00
7.	Stationery	:	Rs. 35,000.00
8.	Contengency	:	Rs. 20,000.00
9.	Writing Report	:	Rs. 20,000.00
	Total		Rs. 2,50,000.00

(Total Two Lacs Fifty Thousand Only)

* Courtesy : Hand Book on Educational Research, NCTE, New Delhi.

4.08 TITLE : DEVELOPMENT OF STANDARDIZED ACHIEVEMENT TEST IN SCIENCE FOR CLASS V STUDENTS OF PRIMARY SCHOOL.

- 1. Investigators :** Mrs. S. Fansis, Govt. College of Education, Raipur
2. Chief Investigator : Dr. R.D.Singh, Professor, SCERT, Raipur, Chhattisgarh.

3. Introduction :

A good test should be valid and reliable so that the measurement can be done in an effective manner. If the test is standardized, it would be much better. For a good test its reliability, validity, objectivity, comprehensiveness, item analysis and norms should be determined. The possibility of errors can be minimized by using this kind of test.

An achievement test is used to know what and how much one has learned. It would also tell how one will perform effectively.

4. Objectives of the Study :

- ▶ Development of achievement test in science for primary school.
- ▶ Standardization of achievement test.
- ▶ Determination of norms.

5. Areas : Raipur district of the state.

6. Sample :

S.No.	Type of Schools	No. of Schools	No. of Students
1.	Urban	20	200
2.	Semi-urban	20	200
3.	Rural	20	200
	Total	60	600

7. Implementation :

Following action plan will be used in the Development and standardisation of achievement test :

- Preparation of Blue-Print
- Setting of questions.
- Editing the questions by the researcher itself.
- Determination of Item Difficulty.
- Pilot Study.
- Item analysis
- Preparing Final Test
- Determining the norms

8. Duration : Three months.

9. Budget :

<input type="checkbox"/> Preparation of tools	Rs.5000=00
<input type="checkbox"/> Typing and Printing	Rs.5000=00
<input type="checkbox"/> TA/DA for Administration of Tools	Rs.3000=00
<input type="checkbox"/> Reference Books	Rs. 1000=00
<input type="checkbox"/> Contingency	Rs.1000=00
TOTAL	Rs.15,000=00

4.09 TITLE : DEVELOPMENT OF STANDARIZED ACHIEVEMENT TEST IN MATHEMATICS FOR CLASS V STUDENTS OF PRIMARY SCHOOL.

1. Investigators : Alok K.Sharma, Lecturer, CTE, Raipur (Chhattisgarh)

2. Chief Investigator : *Dr. R.D.Singh, Professor, SCERT, Raipur, Chhattisgarh.*

3. Introduction :

A good test should be valid and reliable so that the measurement can be done in a effective manner. If the test is standardarized, it would be much better. For a good test its reliability , validity, objectivity, comprehensiveness, item analysis and norms should be determined. The possibility of errors can be minimised by using this kind of test.

An achievement test is used to know what and how much one has learned. It would also tell how one will perform effectively.

4. Objectives of the Study :

- ▶ Development of achievement test in science for primary school.
- ▶ Standardization of achievement test.
- ▶ Determination of norms.

5. Areas : Raipur district of the state.

6. Sample :

S.No.	Type of Schools	No. of Schools	No. of Students
1.	Urban	20	200
2.	Semi-urban	20	200
3.	Rural	20	200
	Total	60	600

7. Implementation :

Following action plan will be used in the Development and standardisation of achievement test :

- Preparation of Blue-Print
- Setting of questions.
- Editing the questions by the researcher itself.
- Determination of Item Difficulty.
- Pilot Study.
- Item analysis
- Preparing Final Test
- Determining the norms

8.Duration : Three months.

9. Budget :

<input type="checkbox"/> Preparation of tools	Rs.5000=00
<input type="checkbox"/> Typing and Printing	Rs.5000=00
<input type="checkbox"/> TA/DA for Administration of Tools	Rs.3000=00
<input type="checkbox"/> Reference Books	Rs. 1000=00
<input type="checkbox"/> Contingency	Rs.1000=00
TOTAL	Rs.15,000=00

ABBREVIATIONS

AS	Alternative Schooling
BEO	Block Education Officer
BRC	Block Resource Centre
BAC	Block Academic Co-ordinator
CRC	Cluster Resource Centre
CAC	Cluster Academic Co-ordinator
CG	Chhattisgarh
DIET	District Institute of Education & Training
DRG	District Resource Group
DPEP	District Primary Education Programme
DPI	Director, Public Instruction
EFA	Education For All
EGS	Education Guarantee Scheme
ET	Educational Technology
GER	Gross Enrolment Rate
GOI	Government Of India
MHRD	Ministry of Human Resource Development
MT	Master Trainers
NCERT	National Council of Educational Research and Training
NFE	Non-Formal Education
NGO	Non-Government Organisation
NIEPA	National Institute of Educational Planning and Administration
NCTE	National Council for Teacher Education
RGSM	Rajiv Gandhi Shiksha Mission
RP	Resorce Person
SCERT	State Council of Educational Research and Training
SRG	State Resource Group
UEE	Universal Elementry Education

NIEPA DC



D12518



122

NATIONAL INSTITUTE OF EDUCATIONAL PLANNING AND ADMINISTRATION
 NATIONAL COUNCIL OF EDUCATIONAL RESEARCH AND TRAINING
 NATIONAL GANDHI SHIKSHA MISSION
 NEW DELHI-110016
 Date: 18-7-2015
 A-12518