

**DISTRICT INSTITUTE OF EDUCATION AND TRAINING –  
TAPI**

**Write up on  
AWP & B of Teacher Education  
under  
Samagra Shiksha Abhiyan**

**For the Year 2021-22**

### Introduction:

District Institute of Education and Training, Tapi (DIET-Tapi) is a nodal agency of the district to plan and implement programs under school education as well as teacher education. Gujarat has compliances of many of the requirements according to RTE 2009 in terms of physical infrastructure, pre-service and in-service training of teachers etc. However, the district is required to focus on quality of school education through quality of teacher education. Therefore, the programs and activities proposed under the 13th plan are based on the need of the district for improving overall quality of education. DIET constantly endeavours towards improving the quality of school education through various undertakings, efforts and initiatives in order to meet the emerging challenges of the time; DIET coordinates its functions with GCERT, various educational institutions, different boards and NGOs of the district.

The DIET is a leading organization in the field of educational research and training at pre-primary, primary, upper primary, secondary and higher secondary school and also plays an important role at school education level and strives for curriculum reforms too. Philosophically, DIET imbibes motivation from the experiments in education by Swami Vivekananda, Shri Aurobindo, Mahatma Gandhi and Gijubhai Badheka. These efforts have been aptly supported by centrally Sponsored Scheme of Teacher Education.

Initially, the expenditure for Centrally Sponsored Scheme for Teacher Education was 100 percent borne by MHRD, Government of India up to 2011-12. Newly revised centrally sponsored scheme of teacher education has been implemented with the effect from 1st April, 2012. A Centrally Sponsored Scheme for restructuring and reorganizing teacher education institutions, 12th plan has been introduced from the year 2012-13 with sharing pattern of 75:25 between the central and the state. The financial sharing pattern is changed to 60:40 from the year 2015-16.

### Integrated Scheme for School Education:

Integrated Scheme for School Education is extending from pre- primary to higher secondary stage. The scheme approved by Cabinet Committee on Economic affairs (CCEA) on 28th March, 2018, the plan period will be 1st April, 2018 to 31<sup>st</sup> March 2021. The Integrated Scheme subsumes the three centrally sponsored schemes of Sarva Shiksha Abhiyan (SSA), Rashtriya Madhyamik Shiksha Abhiyan (RMSA) and Teacher Education (TE). The Integrated Scheme on School Education envisages the 'school' as a continuum from pre-school, primary, upper primary, secondary to higher secondary levels. The vision of the scheme is to ensure inclusive and equitable quality education from pre-primary to higher secondary stage in accordance with the Sustainable Development Goal (SDG) for Education.

**Major objectives of the scheme:**

- Provision of quality education and enhancing learning outcomes of students.
- Bridging social and gender gaps in school education.
- Ensuring equity and inclusion at all levels of school education.
- Ensuring minimum standards in schooling provisions.
- Promoting vocationalisation of education.

Support districts in implementation of Right of Children to free and compulsory education (RTE- Act, 2009).

Strengthening and up-gradation of DIET/DIETs as a nodal agency for teacher training.

The scheme will be implemented as a centrally sponsored scheme by the department through State Implementation Society (SIS) at the district level. At the National level, there would be a Governing Council headed by Minister of Human Resource Development and a Project Approval Board (PAB) headed by Secretary, Department of School Education and Literacy.

The fund sharing pattern for the scheme between centre and state is proposed to be in the ratio of 90:10 for the 8 North-Eastern districts viz. Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura and 3 Himalayan districts viz. Jammu and Kashmir, Himanchal Pradesh and Uttarakhand and 60:40 for all other districts and Union territories with Legislature. It is proposed to be 100 percent centrally sponsored for Union Territories without Legislature. This is in accordance with the recommendations of the Sub Group of Chief Ministers on rationalization of Centrally Sponsored Schemes received in October, 2015. The main emphasis of the integrated scheme is on improving quality of school education by focusing on the two T's- Teacher and Technology. The scheme will help to improve the transition rates across the various levels of school education and aid in promoting universal access to children to complete school education.

The total budget proposed for AWP&B for the year 2021-22 is **602.80 lakh**. This total budget covers different components for DIET.

- Program and Activity– 30.00 lakh
- Faculty Development Program – 2.00 lakh
- Detail for Specific projects for Research activities Program proposal – 5.00 lakh
- Technology Support to TEIs – 1.40 lakh
- Recurring Support on Technology in Teacher Education – 4.40 lakh
- Detail for Annual Grant proposal – 20.00 lakh
- Civil work & Equipment's DIET- 435.00 lakh
- Equipment's – 5.00 lakh

## **Programme and Activities of DIET -**

District Institutes of Education and Training (DIETs) were envisioned in the National Policy of Education, 1986, and were created by the Government of India, Ministry of Human Resource Development in the early 1990s, to strengthen elementary education and support the decentralization of education to the district level. DIETs were conceived as the third tier to the support system, which would be closer to the field, and therefore more alive to its problems and needs. In the present context, the role of DIETs is providing pre-service and in-service teacher training to student trainees and in-service teachers. It is time that DIETs rise up to the challenge and emerge as a robust unit for professional development of teachers.

Programme and Activities are the core elements so far as Quality improvement of education and teacher education is concerned. The programmes and activities are planned round the year at district and district level looking to the need, area and research basis for education. NAS results based on Learning Outcomes and GUNOTSAV results are the two major basis for organizing the programmes and activities.

### **Main objectives of in-service teacher training are:**

- To upgrade elementary & secondary teacher (Std.1-12) knowledge in the subject they teach
- To strengthen teaching skills and competencies in classroom teaching learning process
- To orient teachers towards the use of innovative child-centric teaching learning strategies aiming at enabling students to learn how to learn and to construct knowledge on the basis of their own observations, experiences, analysis and reflection this has been largely motivational training.
- To generate awareness about the latest developments and thinking field of education and the need for deeper engagement with knowledge.
- To develop positive attitude towards teaching and learning among the teachers.
- To provide academic inputs to understand and implement the Learning Outcomes based teaching strategies in classroom.
- To develop new and alternative pedagogies in alignment with new textbooks.
- To develop better understanding and implementation of SCE scheme.
- To develop Listening, Speaking, Reading and Writing skill in language teaching in class room.
- To help the district stakeholders of education in developing post NAS interventions and action plan.
- To provide effective educational leaders to carry out effective school development.
- To motivate the teacher educators for better monitoring and hand holding of education system.
- To strengthen the SMCs and SMDCs in order to enhance the support to effective school management.

Primary Teachers have Training On 'Quality'. It is one of the major goals of RTE. By the rules of RTE teacher training are organized with the aim of quality education. The teachers

and head teachers up to std.12 will impart qualitative education only if they have got qualitative training. However, need of training varies from block to block.

The teacher trainings' objectives are to make their teaching more effective through using different activities. Moreover, teachers can develop their professional skills as teachers, can learn new techniques in teaching, and get new information of their field.

In order to set and achieve the requisite benchmarks, the DIETs have planned to conduct the programmes and activities in following kind of subject areas. :

- School Leadership Development Programme
- Learning Outcomes and Post - NAS interventions
- Evaluation and Assessment – SCE
- Gender Sensitisation Training Programmes
- Inclusive Education
- Activity based learning methods
- Use of ICT in Education / DIKSHA
- Development of Alternative Pedagogy
- Training Programmes of Pre-School(Anganwadi) teachers
- Training of Principal of Primary School
- program in educational field like, Virtual classroom, inspire award, Science, Math and Environment Fair Etc.

#### Methodology Used

- Training will be organized in cascading mode.
- Subject will be covered regarding new syllabi & textbooks.
- Use of ICT & resource material during the training.
- Online training will be organized if required.
- Training will be organized in phase manner instead of rotation method.
- Such trainings will be organized in any educational institutions and arrangement of its payment should be made in the Budget.

**As per above mentioned objectives of whole teacher training, we have proposed planning of in service training during 2020-2021 is given below.**

**Detail for Programs & Activities proposal for 2021-22**

S.No	DIETs Name	Details Of The Activities	Time Frame (in days)	Target Group	Physical Number	Unit Cost	Total Proposal
1	TAPI	Guidance Workshop For Science Learning Outcomes regarding NEP-2020 (Online Mode)	1 day	Teacher	500	250	2.50
2	TAPI	Workshop for Action Research (physical)	2 day	Teacher	100	250	0.50
3	TAPI	Moduel development and report writing of Eco club activities.(Blended Mode)	2 day	Teacher	200	250	1.00
4	TAPI	Innovation write up workshop (physical)	2 day	Teacher	150	250	0.75
5	TAPI	Workshop for Disaster management (physical)	1 day	Teacher	300	250	0.75
6	TAPI	Need base training (physical)	1 day	Teacher	142	250	0.89
7	TAPI	Guidance Workshop for Innovation (physical)	1 day	Teacher	150	250	0.38
8	TAPI	Workshop for SMC members as per NEP 2020	1 day	Teacher	150	100	0.15
9	TAPI	Sankalan bethak (physical)	1 day	Members of Sankalan bethak	90	250	0.23
10	TAPI	PAC meeting (physical)	1 day	Members of PAC	50	200	0.10
11	TAPI	On site support or Monitoring (physical)	1 day	Lecturers	400	250	0.37
12	TAPI	Environment lab related workshop (physical)	1 day	Head teacher	60	250	0.15
13	TAPI	Role of std 1-2 teachers according to NEP 2020 ( Blended)	2 days	Teachers	50	250	0.25
14	TAPI	Leadership Training (physical)	2 days	Head teacher	100	250	0.50
15	TAPI	Standard6-8 E-content development workshop (physical)	4 days	Teacher	20	250	0.20

16	TAPI	Training workshop for virtual class room (physical)	2 days	Secondary Teacher	80	250	0.40
17	TAPI	Standard 9-10 E-content development workshop ( Blended)	4 days	Secondary Teacher	20	250	0.20
18	TAPI	Workshop on On- line education (physical)	2 days	Teachers	250	250	1.25
19	TAPI	demonstration lesson on virtual class room (physical)	1 day	Secondary Teacher	100	500	0.50
20	TAPI	Training workshop for Anganwadi workers ( Blended)	2 days	Anganwadi worker	300	250	1.50
21	TAPI	Guidance Workshop for Kala Utsav ( Blended)	2 days	CRC,BRC ,SVS, QDC	140	250	0.70
22	TAPI	Workshop for women's empowerment ( Blended)	2 days	Teachers	50	250	0.25
23	TAPI	Workshop for women's empowerment ( Blended)	2 days	B.ed's Trainees	100	250	0.50
24	TAPI	HELP Training ( Blended)	2 days	Secondary Teacher	50	250	0.25
25	TAPI	Workshop for work experience according to NEP 2020 ( Blended)	2 days	Teacher	200	250	1.00
26	TAPI	Workshop for making teaching learning materials according to NEP 2020 ( Blended)	2 days	Teacher	200	250	1.00
27	TAPI	Workshop for Environment experiment project ( Blended)	4 days	Teacher	90	250	0.90
28	TAPI	Training workshop for Ecoclub ( Blended)	2 days	Head teacher	250	250	1.25
29	TAPI	Guidance Workshop for implementaion of Balmela and life skill balmela ( Blended)	2day	CRC, BRP	100	250	0.50
30	TAPI	Workshop for making teaching toys ( Blended)	3 days	Teachers	60	250	0.45
31	TAPI	Workshop for creating story and drama (physical)	2 days	Students	100	100	0.20
32	TAPI	Training workshop for physical education for std 6to8 (physical)	3 days	Teacher	60	250	0.45
33	TAPI	Training workshop for drawing education for std 6to8 (physical)	3 days	Teacher	60	250	0.45
34	TAPI	Training workshop for Music for std 6 to 8 (physical)	3 days	Teacher	60	250	0.45

35	TAPI	Training workshop for Traditional games (physical)	3 days	Teacher	60	250	0.45
36	TAPI	Workshop for preparing question paper sem1 and 2 (physical)	2 days	Teacher	60	250	0.30
37	TAPI	Mother tongue culture by story telling (digital)	2 days	Teacher	100	250	0.50
38	TAPI	Language corner in Language education (physical)	2 days	Teacher	100	250	0.50
39	TAPI	Workshop of word game in language education (physical)	2 days	Teacher	200	250	1.00
40	TAPI	Workshop of language education by Drama (physical)	2 days	Teacher	100	250	0.50
41	TAPI	Workshop for creating story and drama (physical)	2 days	Teacher	200	250	0.50
42	TAPI	Workshop for oral language awareness of std 3 to 5 (physical)	2 days	Teacher	100	250	0.50
43	TAPI	Workshop for Book review (physical)	3 days	Teacher	50	250	0.38
44	TAPI	Mother tongue culture by story telling (physical)	2 days	Students	50	250	0.25
45	TAPI	Workshop for development of training materials (physical)	3 days	Teacher	100	250	0.67
46	TAPI	Workshop for new evaluation method (physical)	2 days	Teacher	80	250	0.40
47	TAPI	Educational Toy Fair Planning Meeting. (Physical Mode)	1 days	DEO, DPEO, TPEO, BRC, CRC, SVS	400	50	0.20
48	TAPI	Workshop on regarding local material and language (physical)	2 days	Teacher	200	250	1.00
49	TAPI	Maths olympiad (digital)	1 days	Students	200	250	0.50
50	TAPI	Educational Toy making workshop. (Physical Mode)	2 Days	Pri. Teachers & CRCs	0	00	0.64
17	TAPI	Gyan-Kunj Project Training. (Online Mode)	2 Day	Teachers Of Schools having Gyankunj Project	100	400	0.80
							<b>30.00</b>



## Faculty Development for Teacher Educators of DIET -

Developing and implementing rigorous, need based programs for academic & vocational capacity for teacher educators supporting pre-primary, elementary, secondary and senior secondary levels with the support of DIET, DIETs and other Allied Institutions is a major task under this component. Faculty development programmes are designed by DIETs.

As per the guidelines laid down, initially budget plan of 5.00 lakh for Faculty Development Programmes was prepared by each DIET. Looking to the constraint of budget ceiling, the plan now proposed is 2.00 lakh for Faculty Development Program for DIET. The proposed programmes under this component are representing the following subject areas. :

- Visit of best Educational Institutes of District
- Exposure visit of various DIETs, Schools, BRCs, CRCs etc.
- Visit of best Educational Institutes of Gujarat District.
- Visit of best Educational Institutes of India.
- Visit of nationally important educational institutions like NCERT, NIEPA, NCTE, CIET and various DIETs.
- Branch wise Faculty Development Programmes by DIET.
- Participation in FDPs of Nationally important institutions like TISS, SPIPA, IIMs etc.
- DIET specific need based Faculty Development Programmes in Subject areas like Research, ICT, SPSS etc.

DIET Tapi proposed planning of Faculty Development during 2020-2021 is given below.

### Faculty development

Detail for Faculty Development Program proposal for 2021-22 (Rs. In Lakh)							
S.No	DIETs Name	Details of the Activities	Time Frame	Target Group	Physical Number	Unit Cost	Total Proposal
1	TAPI	Orientation Program by SPIPA, Ahmedabad –	2 Days	Lecturer	9	4000	0.36
2	TAPI	District level best practising school visit	2 days	DIET, Lecturer	4	400	0.04
3	TAPI	Visit to SCERT Rajasthan , DIET Udaipur BRC, CRC	5 days	DIET, Lecturer	5	10000	0.50
4	TAPI	Visit to NCERT/NIEPA/CIET/ SCERT DIET DELHI	5 days	DIET, Lecturer	6	10000	0.60
5	TAPI	Capacity building training by IIM/AMA/SPIPA	3 to 4 days	DIET, Lecturer	3	2000	0.50
		<b>Total</b>			<b>27</b>		<b>2.00</b>

## Research Activities by DIET-

DIETs have planned the research activities for developing effective evaluation processes to empower the district education department to assess educational outcomes in various forms, including. The same is not limited to student achievement, teacher performance and teacher educator performance. Diets will undertake contextual and academically rigorous research projects which will improve the policy making process of the district education department.

As per the guidelines laid down in draft document of SMSA, initially budget plan of 10.00 lakh for Research activities by each DIET. Looking to the constraint of budget ceiling, the plan now proposed is 5.00 lakh for Research activities for DIET.

The proposed research and research related activities under this component are representing the following subject areas. :

- Action Research by Teachers at Block level
- Evaluation of Educational programmes
- Abstracting of researches at district and district level
- Guidance workshop for research methodology and action research
- Need based researches based on diagnosis and remedial work etc.

DIET Tapi is going to do following Researches during the year 2020-2021

Detail for Specific projects for Research activities Program proposal for 2021-22 (Rs. In Lakh )							
S.No	DIETs Name	Details of the Activities	Time Frame	Target Group	Physi cal Num ber	Unit Cost	Total Proposal
1	Tapi	To Check the Effectiveness of "Pragna Abhigam"	10 months	Primary, secondary, higher secondary teachers	290	1000	2.90
2	Tapi	Action Research for primary teachers	10 months	primary teachers	110	1000	1.10
3	Tapi	To check the effectiveness of "Bhashadip" Program	11 months	Primary, secondary, higher secondary teachers	100	1000	1.0
		<b>Total</b>			<b>500</b>	<b>3000</b>	<b>5.00</b>

## **Technology Support to TEIs:**

Information and communication Technology (ICT) has become one of the basic building blocks of modern society. The Government of India seeks to strengthen the use of ICT in almost every sphere. To promote the use of ICT in school education (2004) and The Digital India Campaign (2015) strives transform India into a digitally empowered society by focusing following three areas.

1. Digital infrastructure
2. E-Governance and services on demand
3. Digital Literacy and empowerment of citizen.

Under Non-recurring Grant, Guideline suggested Rs.6.40 lakh financial budget for every TEIs. Infrastructure is covered mainly three parts such as (A) Hardware and software, (B) Connectivity and Power supply (C) Furniture.

The TEIs proposed 6.00 lakh budget for Laptop, all in one PC, Projector, 1 TB Hard Disk, LED/Plasma Screen, Printer, Web Camera, Video Camera and Charging Racks etc.. The TEIs proposed 0.20 lakh for Operating System and Application software and 0.20 lakh for furniture.

Due to budget constraint, 3.00 lakh is proposed instead of 6.40 lakh for technology support. Therefore, DIET Navsari distribute 3 lakh in following component.

### **Recurring Support on Technology:**

There are three main components such as

1. E Content and Digital Resources -0.24 lakh
2. Internet connectivity 0.12 lakh and
3. Financial Assistance for ICT Instructor @Rs. 15000/- per month

In this way Total proposed for 2.16 lakh per institute is recommended as per guideline for teacher education institutes.

Proposal for Technology Support to TEIs (NR) for 2020-2021

Detail for Technology Support of DIETs proposal for 2021-22 ( Rs. In lakh )								
Sr.No	DIETs Name	Non-recurring support			Recurring support for TEIs			ICT Infrastructure
		Tablets/Laptops/Notebooks/PCs with Integrated Teaching Learning Devices etc.	Operating System & Application Software	Furniture	E Content and Digital Resources	Charges for Electricity/Diesel/Kerosene The state may also use Solar Power-Hybrid solar instead, to ensure Sustainability	Internet connectivity (Telecommunications/satellite communication / OFC)	
1	Tapi	Recurring support Tels	0	0	0.00	0.00	1.4	1.40
	<b>Total</b>		0.00	0.00	0	0	0	1.40

**Total.1.40**

#### Annual Grant for TEIs (Teacher Education)

Annual grant for TEIs is to be used for day to day expense, Electricity expenses, Telephone expenses, Municipal taxes, hiring of Resource persons/Experts for teacher Training, purchase of library books/periodicals, Small office, Storage racks, Library equipment, stationary, office expenses, cleanliness of building and campus, vehicle rent, miscellaneous expenses etc.

As per guideline, the financial norm for DIET is Up to 20.00 lakh per annum.

Detail for Annual Grant proposal for 2021-22 ( Rs. In lakh )							
S.No	DIETs Name	Details of the Activities	Time Frame	Target Group	Physical Number	Unit Cost	Total Proposal
1	Tapi	Day to day meet expenses	Yearly	DIET	12	16667	2.00
2		Stationary	Yearly	DIET	12	16667	2.00
3		Office expenses	Yearly	DIET	12	12500	1.50
4		Vehicle Rent	Yearly	DIET	12	25000	3.00
5		Sanitation Charges	Yearly	DIET	12	16667	2.00
6		Cleanlines charges	Yearly	DIET	12	25000	3.00
7		Rent and Taxes	Yearly	DIET	12	16667	2.00
8		Telephone expenses	Yearly	DIET	12	6250	0.75
9		Electricity charges	Yearly	DIET	12	6250	0.75
10		Expert honorarium	Yearly	DIET	24	4167	1.00
11		Onsite support to schools	Yearly	DIET	323	300	1.00
12		Purchase of library books for secondary schools	Yearly	DIET	0	0	1.00
	<b>Total</b>						<b>20.00</b>

## Teacher Educators' salary in TEIs:

Under the teacher education scheme, 26 existing DIETs, 2 IASEs, 8 CTEs, 1 BITE and 1 GCERT are functioning in Gujarat state. Existing 26 DIETs are upgraded as well as newly established in the district. The cadre of teacher educator is also created in the district. Staff of DIETs are sanctioned and filled as per after up-gradation. The salary proposed in AWP&B for DIETs is based on filled posts and actual expenditure. The figure 182.40 lakh is proposed for DIET Tapi .

Proposal for Teachers Educators Salary in TEIs :

### Details of DIET's proposal for salary 2021-21

Name of the DIET with District	Year of Sanctioned	Principal			Vice-principal / Sr. Lecturer		
		Pay-scale [67700-208700]			Pay-scale [44900-142400]		
		Grade Pay (6600 )			Grade Pay ( 4600 )		
		Sanctioned		Filled up as on 31.03.2018	Sanctioned		Filled up as on 31.03.2018
		Before up-gradation	After Up-gradation		Before up-gradation	After Up-gradation	
1	2	3	4	5	6	7	8
TAPI	2016	0	1	1	0	7	7
	<b>TOTAL</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>7</b>

Lecturer			Para Academic Staff			Overall Proposed amount for Salary in 2019-20
Pay-scale [ 44900-142400]			Pay-scale [ 44900-142400 ]			
Grade Pay ( 4400)			Grade Pay (4200)			
Sanctioned		Filled up as on 31.03.2018	Sanctioned		Filled up as on 31.03.2018	
Before up- gradation	After Up- gradation		Before up- gradation	After Up- gradation		
9	10	11	12	13	14	15
0	15	8	0	16	13	100
0	15	8	0	16	13	100