



ANNUAL REPORT

YEAR: 2014-15



Gujarat Council of Educational Research and Training
Department of Planning and Management,
"Vidya Bhavan", Sector-12,
Gandhinagar - 382016, Gujarat

Forward

I am glad to publish the “Annual Report” of Gujarat Council of Educational Research and Training (GCERT) – a treatise on qualitative efforts through various ways and means in the mission of excellence in education through various ways and means by the Council during the year 2014-15.

This Annual Report covers the programs and activities carried out by different departments of the Council during the year 2014-15 in different fields like - teacher education, research and innovations, curriculum and evaluation, planning and management, publication and library, science and maths, population education, inclusive education for disabled at secondary stage, distance education along with other educational programs and activities. This booklet comprises of the objectives of the Council, the departments of the Council and its functions, co-ordination with State- National - Regional level agencies and activities undertaken by DIETs with photo gallery too.

This “Annual Report” would found useful for the stake holders and the interested persons in the field of education. This document will be helpful to the educational institutions as a source of information about the quality of education at the elementary as well as the secondary level.

I am thankful to Shri A. M. Tiwari (IAS), Principal Secretary, Education Department and Shri Arvind Agrawal (IAS), Additional Chief Principal Secretary, Education Department for supporting us dynamic leadership, able guidance and energizing the entire system. I would also thank to all those who supported us in our search of quality education together with this.

I appreciate such a sincere work for preparing this report.

Dr. R. U. Purohit
Director

Gujarat Council of Educational
Research and Training,
Gandhinagar - Gujarat.

Date: 31/03/2015

Place: GCERT, Gandhinagar

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GCERT- A Resource Organization in School Education

Introduction

Gujarat Council of Educational Research & Training is a foremost institute in the field of Educational Research and Training at elementary school level and also playing a vital role in secondary education and envisaging for curriculum reforms too.

In the beginning, "State Institute of Education" (SIE) was established for undertaking activities pertaining to Educational Research and Training. In the year 1988, it was upgraded as State Council of Educational Research & Training. Now, it is called Gujarat Council of Educational Research & Training (GCERT).

Autonomous status was acquired on 7/2/1998 by getting registered under *The Societies Registration Act, 1860* (Act XXI of 1860) and under *The Bombay Public Trust Act, 1950* (XXIX of 1950) at the Public Trust Registration Office. However, GCERT is administered as per the rules & procedures adopted by any other state government offices.

Philosophically, GCERT imbibes motivation from the experiments in education by Swami Vivekanand, Shri Aurobindo, Gandhiji, and Gijubhai Badheka. These efforts have been aptly supported by Centrally Sponsored Scheme of Teacher Education. The creation of structure of District Institute of Education and Trainings (DIET) across the state has contributed to the knowledge of teachers, awareness about quality concerns and inclination for effective class room transaction.

Objectives

- To bring about qualitative enhancement at all levels of education.
- To conduct academic research, extension programs and training activities in the field of elementary and secondary education.
- To provide leadership, academic guidance, suggestions to educational institutes like District Institute of Education and Trainings, College for

Teacher Educations (CTE), Institute of Advanced Study in Educations (IASE) and B.Ed. colleges.

- To assist / advise the State Education Department for implementation of policies and major programs pertaining to elementary and secondary education.
- To guide and monitor the functioning of CTEs/IASEs.
- To conduct training programs on various aspects for qualitative improvement and strengthening of the standards of elementary education.

Departments

Gujarat Council for Educational Research and Training (GCERT) provides academic and technical resource support for improvement of school education through its various departments.

The departments of GCERT are as under.

- Teacher Education (TE)
- Curriculum and Evaluation (C & E)
- Planning and Management (P & M)
- Research and Innovation (R & I)
- Publication and Library (P & L)
- Science and Mathematics (S & M)
- Information and Communication Technology (ICT)
- Establishment and Account (E & A)

There are special departments working as under.

- Inclusive Education for Disabled at Secondary Stage (IEDSS)
- Population Education (PE) & Health Education and Life Skills Program (HELP)
- College for Teacher Education & Institute of Advanced Studies in Education (CTE&IASE)
- Distance Education Program

Functions of Various Departments of GCERT

Department	Function
Curriculum and Evaluation	<ul style="list-style-type: none"> ▪ Review the existing curriculum and addition, alteration, simplification and rationalization of text book in context of results of the researches. ▪ Implementation of grade system and continuous evaluation of the students. ▪ Preparation of Textbooks.
Research and Innovation	<ul style="list-style-type: none"> ▪ To provide academic research extension supports in the field of school education and execution of research related matters.
Planning and Management	<ul style="list-style-type: none"> ▪ Planning of the educational training programs under various schemes of the Government. ▪ Preparation of annual work plan, budget and annual report. ▪ Preparation of project proposal for Teacher Education with Ministry of Human Resource Development (MHRD). ▪ Creation of various statistical data for the purpose of teachers' education. ▪ Review and monitoring of programs.
Publication and Library	<ul style="list-style-type: none"> ▪ Publication of monthly magazine JIVAN SHIKSHAN, an educational journal and other modules and publications. ▪ Purchase, maintenance, preservation and cataloging of books & periodicals.
Science and Mathematics	<ul style="list-style-type: none"> ▪ To monitor the science activities at school level and to promote activities related to experiments shown in the textbook. ▪ Conducting Science-Maths exhibitions at all levels. ▪ To promote Maths and Science corner.
Information and Communication Technology	<ul style="list-style-type: none"> ▪ The use of modern technology in the field of teacher education. ▪ Training and promoting computer literacy.
Establishment and Accounts	<ul style="list-style-type: none"> ▪ Personnel Management & Financial Management of the GCERT.

Co-ordination

GCERT coordinates with different bodies at state, national and regional levels.

State Level -

- Government of Gujarat - GOG
- Commissionerate of Schools
- Directorate of Primary Education
- Gujarat State School Textbook Board - GSSTB
- Gujarat Secondary & Higher Secondary Education Board - GS&HSEB
- State Examination Board – SEB
- Sarva Shiksha Abhiyan - SSA
- Gujarat Institute of Educational Technology - GIET
- United Nations Children's Fund - UNICEF
- District Institute of Education and Training - DIET
- College for Teacher Education & Institute of Advanced Studies in Education (CTE&IASE)
- Primary Teacher Training Institute - PTTI
- Pre Primary Teacher Training Institute - Pre-PTTI
- Teacher Union (State and Districts)
- Universities & B.Ed. colleges
- Municipal School Board - MSB
- Non Government Organizations – NGOs
- Learning Link Foundation – LLF
- Indian Institutes of Teacher Education - IITE
- Indian Institute of Management, Ahmedabad – IIMA
- Ahmedabad Management Association – AMA
- Sardar Patel Institute of Planning and Administration - SPIPA
- Gujarat Educational Innovation Commission - GEIC

National and Regional Level -

- Ministry of Human Resource Development - MHRD

- National Council of Educational Research & Training - NCERT
- National Council for Teacher Education - NCTE
- National University of Educational Planning & Administration - NUEPA
- Center for Cultural Resource & Training - CCRT
- Regional Institute of Education - RIE
- Western Regional Committee - WRC

Financial Support

GCERT receives financial support from various agencies at state and national level as stated as under.

- Government of Gujarat; Education Department. - GOG, ED
- Ministry of Human Resource Development - MHRD
- National Council of Educational Research & Training - NCERT
- United Nations Children's Fund –UNICEF
- Sarva Shiksha Abhiyan - SSA

The Governing Body (GB)

The Governing Body of GCERT under Memorandum of Association (MoA) is constituted by following prominent personalities:

- President – Honorable Chief Minister
- Vice President – Honorable Education Minister
- Chairman; EC – Honorable Principal Secretary (ED) / Principal Secretary (PE)
- Members of Executive Committee

The Executive Committee (EC)

The functions of the GCERT are monitored (also subjected to the Govt. Financial and administrative rules and regulations) by an Executive Committee. The meetings of EC are held quarterly in a year. During this year, one EC meeting was conducted under the chairmanship of Principal Secretary (Primary Education).

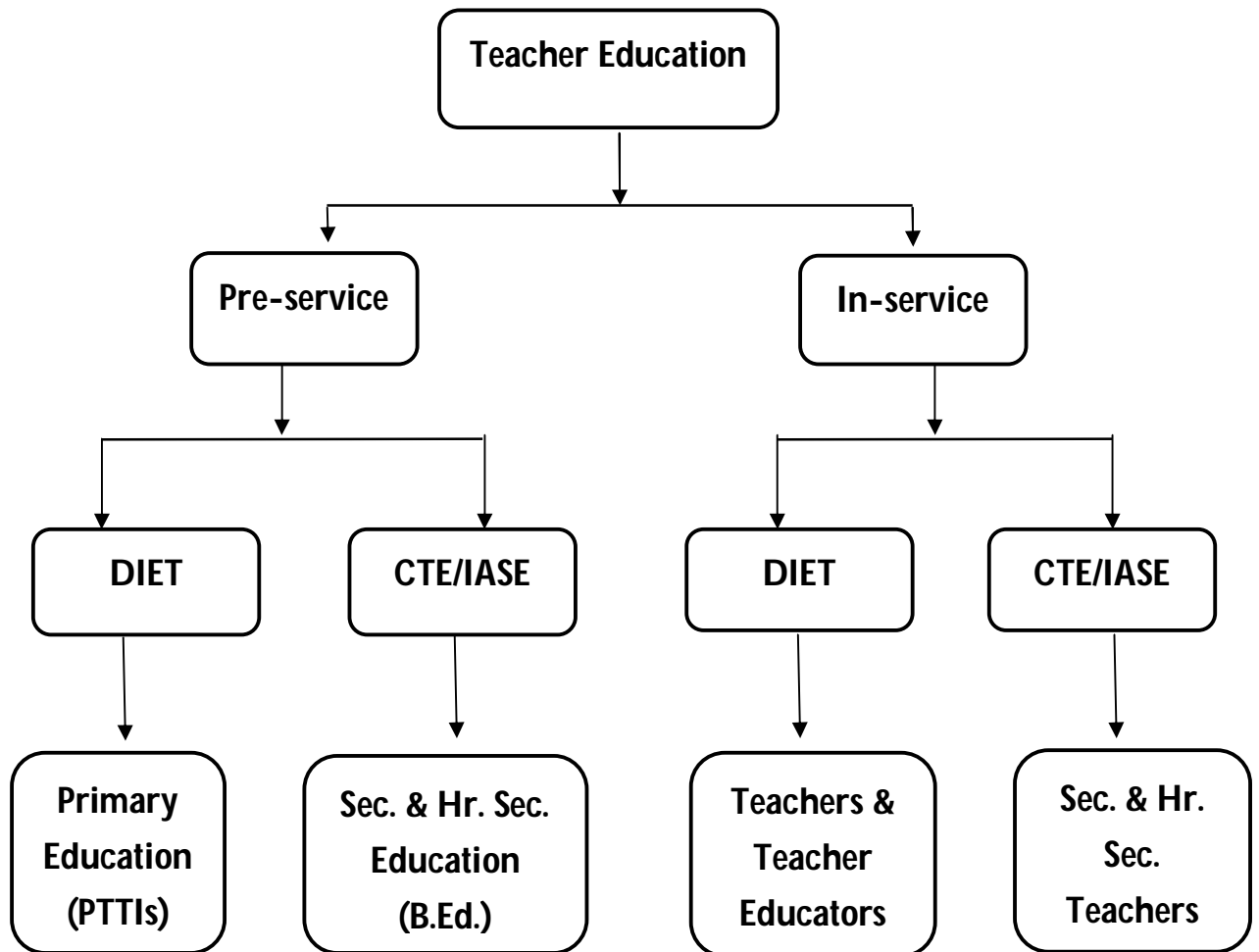
The following committees are also constituted for providing technical support to fulfill functions and objectives of GCERT.

- Editorial Committee for Jeevan Shikshan (Monthly Magazine)
- State Research Advisory Committee (SRAC)
- State Resource Group (SRG)
- State level Coordination cum Monitoring Committee (SLCMC)
- Executive Committee (EC)

Department of Teacher Education

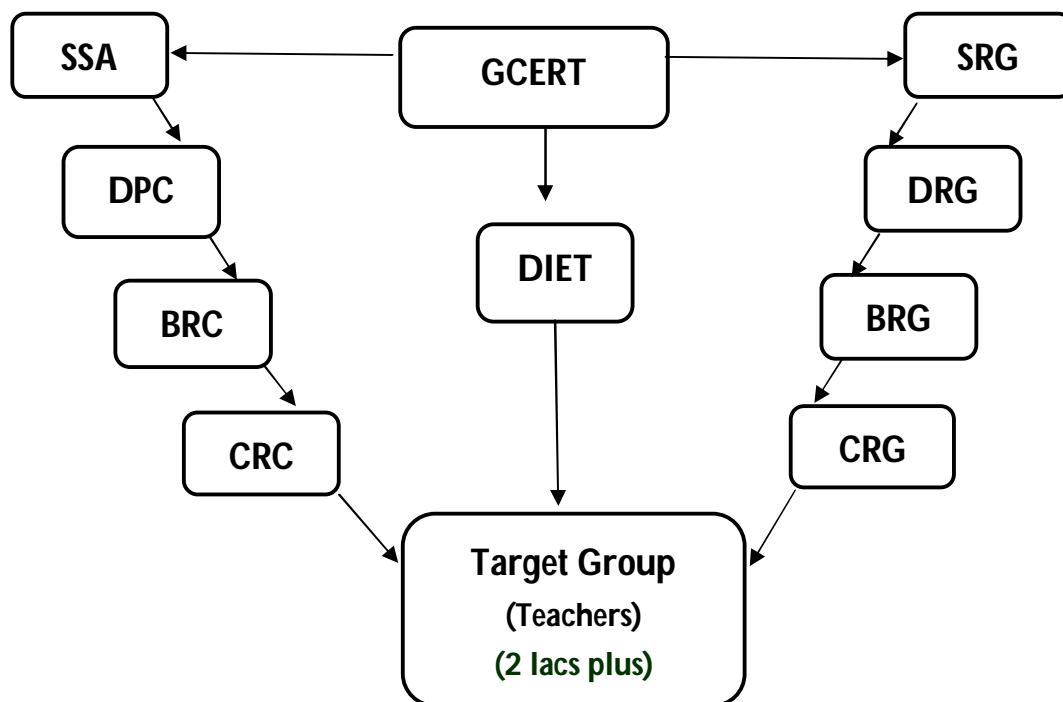
Introduction

Department of Teacher Education works under following framework.



Training Framework

Generally, teacher's training under SSA is given through cascade mode. However, distance mode is also used to deliver training. Direct contact with target group is possible in distance mode training. The applied training strategy is as follows.



Various Activities undertaken by the Department -

In – Service Teacher Training

Training material of 24 subjects of all standards including handbook for experts have been prepared. Training branch has also developed training material on topics like child centric teaching – learning method, development of creativity among children, effective classroom teaching, positive attitude in learning, planning of classroom teaching process, use of technology in classroom, and development of curiosity & questioning skills among the children.

In May, 2014 state level Key – Resource Person training program was held to cater expertise at block level in-service teacher training in the month of June by SSA. Later, each DIET organized MT training at the district level.

GCERT & DIET lecturers have also provided guidance during the in-service teacher training at block level.

Life Skill Education through Drama

A project entitled “Life Skill Education through Drama” was passionately been taken to provide life skill education. All lecturers DIETs were oriented through Orientation workshops held in three different zones including Babapur – Amreli, Ambaji & Palitana under this project.

State level KRP training program on the Life Skill Education through Drama was held in February, 2015 at Palitana to provide expertise at block level training program on Life Skill Education through Drama to be held by SSA in the month of April. Later, CRGs were oriented by DIET at district level. The resource material / module were also developed to assist experts in giving training.



Head Teacher Orientation Training Program

Induction training program for newly appointed Head Teachers was held by DIET at the district level in split mode. Material/Module on 6 diverse areas viz. Computer aided learning, soft skills & Leadership, Office keeping, Total Learning Package, Pedagogy and Structure of Education and various schemes was prepared to enhance the professional development of Head Teacher.



School Leadership Program

GCERT, Gandhinagar in coordination with NUEPA, New Delhi has organized an induction training program in three diverse districts. The material/module on 6 key areas of leadership was also prepared & contextualized to assist experts. DIET lecturers, BRC Coordinators and CRC Coordinators had gone through the state level training program on School Leadership. Three districts (Amreli, Anand, Dang) were selected as pilot project and 40 HTAT head teachers from each selected pilot districts were selected for the training.

Training of Class-1 officers of Gujarat State Educational Service

A rigorous training of 05 weeks was organized for 07 GES Class-1 officers (administrative cadre) appointed through Direct Recruitment. In which they were trained, motivated and guided by Experts of Educational Administration.



Training for Educational Administrators

GCERT, Gandhinagar in coordination with SPIPA, Ahmedabad has organized a three – day training program for educational administrators at SPIPA - Ahmedabad. Out of total 10 phase which cover the entire state, first batch of 30 trainees of all districts (Edu. Admin) have gone through the training program during 30.03.15 to 01.04.15. TPEO & EI of various blocks were trained on administrative, educational and soft skills.

Balmela and Life Skill mela

To promote creativity among the children “Balmela and Life Skill mela” were organized across the state on Feb.2015.for that grant of Rs.500/- were allotted



to the schools. For class 1-5 activity based BALMELA and for class 6-8 life skill based BALMELA were organized on the same day.

For promoting activity based joyful learning in school, different types of activities performed by the students in “Balmela” like - story telling, action songs, role play, puppetry, clay work, craft work, pasting, color filling, educational games, drawing, etc. Such kind of activities provides the platform to children full of opportunities and freedom to act or perform creatively, which inspire them to create new ideas and innovations.

Life Skill mela were also organized based on various day to day activities of our life. Different types of activities performed by the students in Life Skill mela like - craft work, pasting, color filling, educational games, drawing, Save environment, Use of Kitchen equipment- Pressure Cooker, Gas Stove etc. For organizing such kind of Balmela, institutions were supported through the separate grant of Rs 500/- by the Gujarat State Government.

Balotsav Program

By Collaboration of UNICEF, 3 days Residential Balotsav program was organized at District level in Banskantha and Vadodara during March 2015 to promote creativity among the children.

Different activities like drawing, painting, color filling, craftwork etc were organized to promote creativity of children at District level Balotsav. Benefit of this program was taken by 100 students of primary school of District Banskantha and Vadodara who had achieved lower grade in Gunotsav. Different types of activities were performed by the students in Balotsav like -

craft work, pasting, color filling, educational games, drawing, Save environment, Use of Kitchen equipment like - Pressure Cooker , Gas Stove, creative writing etc.

Induction Training Program for Teacher Educators

All faculty members of GCERT and DIETs have gone through the capacity building workshop for teacher educators under CSSTE Yr. 2013 – 14 Scheme in 9 phases. 380 faculty members of DIETs were trained on administration, education & soft skills.

Innovation Program

Ravi J. Mathhai Center for Educational Innovation, IIM – Ahmedabad has received 6000 educational innovations. Among these, 100 innovations were selected and were later published. Each DIET also has selected/planned 2 innovations for scale up in respective districts.

Training Program on Cultural Development & Education

About 100 primary teachers have undergone 5-days training program on Cultural development & Education held by GCERT in coordination with CCRT, New Delhi during 4th Aug to 8 Aug, 2014.



About 100 primary teachers have undergone five days training program on introducing cultural inputs in curriculum teaching held by GCERT in coordination with CCRT, New Delhi during 20th January to 24th January, 2015.

Coordination with various State & National Level Institutes/ Agencies

Coordination was done to make primary teachers of elementary schools participate in workshop held by CCRT, New Delhi.

Coordination with National institutes like NCERT, NUEPA, RIE and state institute like SPIPA, Ahmedabad was done for training program held for DIET faculty members.

Department of Curriculum and Evaluation

Introduction

The main function of the department of Curriculum and Evaluation is curriculum formation and construction of evaluation strategy on the basis of curriculum. Further, the scope of the department covers curriculum and textbook reformation for pre-primary, primary, D.El.Ed. Education, ATD and Fine Arts too. Development of evaluation strategy for existing curriculum and textbook is also looking by this department. The main aims of this department are stated as under.

1. Reform curriculum of Elementary Education
2. Development of new School Based Comprehensive Evaluation System (SCE) for standard I to VIII at elementary level.
3. Development of question bank for Gunotsav and also designing standard wise question paper according to the curriculum.
4. Development of assessment system and remedial work accordingly.
5. Organizing sports festivals for students and teachers of primary schools; for trainees and lecturers of D.El.Ed. Colleges.
6. Reforming curriculum of D.El.Ed. & B.Ed.
7. Reforming curriculum of ATD & Fine Art.

Various Activities conducted by the Department

Material Development

- A review workshop of Local Material Booklets developed by DIETs was organized. The corrections were suggested by experts in this workshop about Local Material of Districts.
- A workshop for preparation of workbooks of all subject of standard 6 to 8 was organized. The manuscript copies of these workbooks were prepared in this workshop.

- The Learning Outcomes book of all subjects was developed for primary education during workshops. Learning Outcomes were given code based on State Level Learning Achievement Survey.

School based Comprehensive Evaluation (SCE)

- Review Meeting of Steering Committee and Core Advisory Committee were organized under Learning Link Foundation for the review of SCE Project.
- As per the MOU, Learning Links Foundation (LLF) worked in more than 125 school of Prantij and Gandhinagar block related to CCE. The State level coordination for all the activities under the project was done by the Curriculum Branch.
- School Based Comprehensive Evaluation has been implemented in primary schools of Gujarat State. After first semester, SCE monitoring was held by GCERT in 593 primary schools across the state in two phases. The monitoring was done by team prepared including GCERT and DIET Lectures and State Resource Group members. Teachers were given necessary guidance about SCE by the team during monitoring.

Gunotsav

- Development of standard 3 to 8 question paper for Gunotsav- 5 according to the curriculum for external evaluation.
- Analysis task was given to Index-B.

Ramatotsav (Sport Festival)

- Ramatotsav for teachers and students of primary schools at CRC, BRC, District, Zone and State level were organized.
- Ramatotsav for teachers and students of D.El.Ed. Institutes at zone and State level were organized.
- State level Ramtotsav held on dated 24 to 26 February 2015 at Virasatvan, Japura, Ta. Halol, District- Panchmahal.

The numerical detail of this event is given in the following table.

Type of Institute	Ramtotsav Level	No. of Ramtotsav	No. of Participants (Student)			No. of Participants (Teacher)		
			Boys	Girls	Total	Male	Female	Total
A. Primary School	CRC	4275	536224	493237	1029461	63208	49979	113187
	BRC	234	101531	99075	200606	14500	12926	27426
	DISTRICT ZONE	27	6386	6441	12827	813	718	1531
	STATE	5	752	752	1504	105	104	209
	STATE	1	140	140	280	20	20	40
A	TOTAL	4542	645033	599645	1244678	78646	63747	142393
B. D.El.Ed.	ZONE	5	263	741	1004	65	44	109
	STATE	1	98	92	190	18	15	33
B	TOTAL	6	361	833	1194	83	59	142
Total A&B	TOTAL	4548	645394	600478	1245872	78729	63806	142535



Sport Festival : 2014-2015

Development of D.El.Ed. & Innovative B.Ed. (2 Years) Curriculum

- All modules of both semesters of first year were finalized which were prepared in the light of NCF-2005, NCF-TE-2009 and 12th five year plan.
- In the context of standard 1 to 8 textbook, supplementary material of first year D.El.Ed course was prepared. First year D.El.Ed course exam papers' blue prints and lesson plan were revised based on this material. These all were sent to State Examination Board, Director, Primary Education and All DIET and all D.El.Ed. Institutes.
- New Curriculum of two year B.Ed. course was developed in the light of NCF-2005, NCFTE-2009, 12th five year plan and Justice Varma Commission. It is already sent to NCTE, New Delhi and NCTE, Bhopal through IITE, Gandhinagar.
- Information of D.El.Ed. Institute for the year of 2013-14 and 2014-15 was uploaded under All India Survey of Higher Education.
- DIET Amreli, Gandhinagr, Junagadh, Vadodara and Valsad were given sanction to run the course of M.A. in Education as a centre under IITE, Gandhinagar. They have already started the same.
- The authors and reviewers were given the payment through checks in the form of remuneration for their inputs in writing of textbook of P.T.C. during the year of 2007-08.
- DIET faculties were given need based training on educational child psychology by organizing the workshop at SPIPA, Prahladnagar, Ahmedabad.

Development of Pre-Primary Curriculum

- The draft of proposed Curriculum and proposed policy for pre-school were prepared by GCERT and DIET Vadodara. Steering Committee and Expert Committee were formed for the same.

Department of Planning and Management

Introduction

Department of Planning & Management is one of the vital departments in the Council. This department is engaged with preparation of annual plan activities to ensure the receipt of the State and the Central fund and to design the strategy for implementation of activities.

The department also carries out the management with reference to the human resources and the financial funds. In coordination & collaboration with DIETs and other educational institutes, the department is concerned in providing guidance in the field of educational planning, management, organization and evaluation at elementary & secondary education. This department acts as an advisor, it also preserves educational data. It spearheads other branches in the Council.

It is noted that, GCERT is not only conducting the content-based programs but also the need-based innovative programs which may require all together a new kind of strategy, planning and material.

In general, the department of planning and management focuses mainly on the following functions.

Functions

- Universalization of Elementary Education.
- Maintain the information about Population, Literacy, primary Education, Secondary Education, Higher Secondary and Higher Education of the state.
- Preparation of annual planning related to state level training programs.
- Provide professional and resource support in educational planning and management at all levels of administration.
- Preparation of Annual Report on programs and activities conducted by various departments of the Council.
- Guide, motivate and strengthen the lecturers of P & M branch of DIETs.
- Preparation of the proposal for annual work-plan under the teacher education scheme and other futuristic planning.
- Provide all or any information to MHRD related to teacher education.
- Coordination and collaboration at various state level as well as central level institutions.

Various Activities conducted by the Department-

“Annual Work Plan and Budget” of GCERT, Year: 2015-16

The “Annual Work Plan and Budget” of GCERT presents the future planning and budgeting of the Council for the year 2015-16 under the EDN Scheme. To prepare this document, multi level participatory planning procedures were undertaken.

- Meetings and deliberations with officers, research associates, research fellows of GCERT as well as Principals and lecturers of DIETs.
- Plan out and schedule of training programs and EDN – 12 Scheme budget.
- Review of suggestions, modifications and corrections.
- Finalization of matter and print out.

Annual Work-Plan and Budget for the year 2015-16 is prepared with the total ceiling of ₹ 3033.81 lacs under EDN SCHEME. The continue item covers budget under EDN-12, EDN-16L and EDN-129. The new items of ₹ 11152.55 lacs under EDN 16L are added subject to the Government approval.

In addition, In-service Teacher Training Scheme and SSA scheme planning are funded by the GOI under CSS and Non-plan budget head respectively, which are also incorporated in this booklet.

“Annual Report” of GCERT, Year: 2014-15

A comprehensive picture of the programs and activities conducted and carried out by GCERT is shown in the documents with photographs. This booklet includes previous year programs & activities of different departments of the Council along with profile of the state, GCERT background information, DIET programs & activities with photographs.

Additionally, programs/activities conducted by DIETs and Photo Gallery are also integrated in the last part of the annual report.

Strengthening of Lecturers Associated with P&M Branch of DIETs

One day meetings and two days capacity building workshop for P&M lecturers of DIETs were organized with different aims like -

- Review of programs & activities conducted under different schemes by DIETs for the year 2014-15.
- Annual plan proposal for centrally sponsored scheme of teacher education.

- Programs / activities under EDN scheme of GCERT for the year 2015-16.
- Budget under EDN scheme of GCERT for the year 2015-16.
- Appraisal note on annual work-plan by TEAB, MHRD, New Delhi.
- Annual work-plan and Annual report of DIETs.
- Motivational guest lecture on "RTI" and "Yoga" by expert of well known institutes.

The meetings were conducted at GCERT – Gandhinagar and the workshop was held at SPIPA, Ahmedabad.

Project Proposal (AWP) for Gujarat State under CSSTE, Year: 2015-16

As per the guideline for implementation of "Restructuring and Reorganization of the Centrally Sponsored Scheme on Teacher Education, 12 Plan by MHRD, New Delhi, the newly revised scheme has been implemented from the year 2012-13. This revised scheme of teacher education is having sharing pattern 75:25 between the Centre and the State.



According to the format of Annual Work-Plan given by MHRD as Teacher Education Planning Handbook, 2015-16, the annual work plan for the GCERT, IASEs, CTEs, DIETs and BITE were prepared and submitted to MHRD in the month of January, 2015. The ceiling given in the booklet is considered while calculating the proposal for central assistance for DIETs, BITEs, CTEs, IASEs and SCERT.

To prepare Annual Work-Plan of Gujarat State for GCERT, IASEs, CTEs, DIETs and BITEs for the year 2015-16, series of meetings and workshops with faculties of GCERT, DIETs, CTEs and IASEs were done.

For the year 2015-16, under the centrally sponsored scheme of teacher education, Council has prepared the annual work-plan, which incorporated financial provision made for DIETs, BITEs, CTEs and IASEs along with SCERT. The total claim for 26 DIETs, 08 CTEs, 02 IASEs, 01 SCERT and 01 new DIET, 01 BITEs for the year 2015-16 is calculated as ₹ 7808.92 lacs. The annual work-plan of Gujarat state under teacher education scheme for the year 2015-16 was submitted to MHRD, New



Delhi in the month of January-2015.

A TEAB meeting for the approval of the Annual Work-Plan was concluded at MHRD, New Delhi on 20th, February, 2015. Component wise details of total approval under Teacher Education Scheme for Year 2015-16 is as under.

(Rs. in lakhs)

Institution	Proposed Budget	Total amount approved	Central Share	State Share
DIETs	5914.00	3686.16	2764.62	921.54
CTEs	69.74	42.38	31.785	10.595
IASEs	30.46	20.00	15	5
SCERT	1319.72	39.60	29.7	9.9
BITE	475.00	0.00	0.00	0.00
Total	7808.92	3788.14	2959.855	1303.285

Programs Conducted for Faculties of GCERT

Under the centrally sponsored scheme of teacher education, various need based programs on English efficiency and Excellence in Management training were organized for faculties of GCERT. The exposure visits of different states – Rajasthan, Chhatisgadh and Karnataka were done by teams of GCERT faculties.

Meetings with Principal of DIETs

GCERT is always playing a very important role in guiding, supporting, motivating and inspiring the principal of DIETs by visiting and meeting. To



make the role and function of DIET more effective, various meetings as a nature of meeting as review, coordination, orientation, sharing ...etc. were held. Some of the main focuses of these meetings were as under.

- Preparation of institutional Annual Work-Plan under CSS-TE.
- Review of programs/activities, GAP/ G-SLAS ... etc.
- D.El.Ed. curriculum reformation.
- Area of specialization.
- Local specific material.
- Preparation of handbook.
- Audit Para and establishment / account related affairs.
- Utilization of fund for programs/ activities.



- Bal Mela, Life Skill Bal Mela, Science-Maths Exhibition, Eco-Club, Ramatotsav.

Program Advisory Committee (PAC)

Under revised scheme of teacher education – 12th Plan, MHRD – New Delhi has published a guideline for implementation of the newly revised scheme. As per the chapter VII of newly revised guidelines for implementation, each SCERT must have a Program Advisory Committee (PAC) with representatives as stated in Annexure X like –representatives from the State Universities, the IASEs and CTEs, teachers, from national institutions and from NGOs ... etc.

As per the guidelines, proposed pool for drawing members of the PAC, GCERT has proceeded for constitution of Program Advisory Committee. The purpose of the committee is drawing up the programs for the next year and review of the progress of work.

DIET Inspection

GCERT has framed various inspection teams to carry out the educational and administrative inspection of DIETs. After completion of DIET inspection, Principals are conveyed the inspection report for their academic irregularities and to motivate and appreciate the innovative activities. Follow up of administrative inspection was undertaken by administration branch. This year total 14 inspections of DIETs were carried out.

Progress Review Meeting with Principal of DIETs

All DIETs are playing a significant role for qualitative progress at primary, secondary and higher education level. Educational resources are supported by DIETs in the districts. To make society, schools, teachers, students aware about new arrivals in trends, methods and initiatives of education, Various activities and programs are undertaken by DIETs.



DIETs
are
striving
to

sustain the level of excellence in education.



With a view to share DIETs efforts & experiences between the DIETs and to make efforts more effective as well as result

oriented, GCERT has organized one-day meeting with principal of DIETs in four phase. All DIET principals made 30 minute power point presentation on the given agenda.



All DIET principals discussed their information by power point presentation in details and shared the concepts, objectives, methods,

strategy, tools of programs with other principal of DIETs. Interesting discussions and pear group learning were done.



Meeting of Monitoring cum Planning Committee

Meeting of Monitoring cum Planning Committee was conducted on 05/12/2014 at STTI- conference hall, GCERT-campus. The agenda like – AWP under CSS-TE of SCERT/IASEs/CTEs/DIETs, Budget component, Grant release by MHRD, open forum session to get suggestions toward need based programs and activities were discussed in the meeting.

Workshop on English Quiz

To make English language more popular among the people and to make English language more interesting during the classroom teaching, GCERT has conducted two-day workshop on English Quiz at SPIPA- Prahladnagar, Ahmedabad during 16-17 September, 2014.



Four reputed experts were invited and each of them took one session on different areas of English Quiz. Various quiz round were conducted practically by the

experts. The areas selected for English Quiz were - (1) Writing Skill (2) Communicative English (3) Games of Tenses, Social Communication and Interview and Introduction (4) Quiz in English Class Room.



DIET faculties learned about English Quiz and enjoyed a lot. After completion of state level workshop, all DIETs were instructed to arrange the same workshop in their district.

Review of Training Programs/Activities

To review the training programs and activities carried out by all DIETs under different schemes, review meetings were planned. In the current year, the statistics of training program conducted under various scheme is given as follows.

Function wise programs of DIETs under CSS-TE, Year: 2014-15

Research & Action Research	Resource Center & Documentation	Training Programs	Technology in Teacher Education	Innovation	Content & Material Development	On-site Support
99	291	1964	144	169	145	271

Scheme wise training programs of DIETs, Year: 2014-15

CSSTE		EDN-12		SSA		PEC/HELP		UNICEF		OTHER		TOTAL	
Programs	Participants	Programs	Participants	Programs	Participants	Programs	Participants	Programs	Participants	Programs	Participants	Programs	Participants
2306	91998	858	31341	11	774	117	5929	10	400	53	2912	3355	133354

EDN Plan scheme

EDN Plan Scheme is a state-sponsored scheme of Gujarat Government. The main objective of this scheme is to improve the quality of school education. The process of research gets boosted through this scheme. The educational materials are developed under this scheme. Educational literature, magazines are also being published. The libraries of GCERT and DIETs are strengthened through this scheme.

The cluster, block, district, zone and state level Science-Maths exhibition, Ramatotsav, Bal Mela, Life Skill Mela and Eco Club activities are organized. Under the EDN scheme, pre-service and in-service teachers and head teachers are trained and the strengthening of Principals, Sr. lecturers, lecturers, librarians & technicians of all DIETs are being done also.

As a result, the efficiency of DIETs and GCERT has increased manifold. Up gradation and strengthening of DIETs, GBTC, RGT & GCERT are also included in this scheme. Scholarship for inclusive education of disabled at secondary stage (IEDSS) and Distance education programs are also covered under this scheme.

Department of Research and Innovation

Introduction

Educational research refers to a variety of aspects of education such as student learning, teaching methods, teacher training and classroom dynamics etc. Educational researchers have come to the consensus that, educational research must be conducted in a rigorous and systematic way, although it is debated often.

Varieties of research area / discipline are presented in educational research, which include Psychology, Sociology and Philosophy. The overlap in disciplines creates a broad range from which methodology can be drawn. The findings of educational research also need to be interpreted within the context in which they were discovered as they may not be applicable in every time or place.

As we know that research is the precondition of development, it means research has an important role in any kind of development. The findings of researches are useful in quality, innovations, teaching aids and methods of teaching learning process.

GCERT has been making its sincere efforts to increase the quality of education in the state, since inception. Research in education becomes the main concern, as it is one of the key functions of GCERT. Research branch of GCERT has actively organized some significant activities regarding research during the year 2014-15 as given below.

Various Activities conducted by the Department-

G-SLAS (Gujarat State Level Learning Achievement Survey)

G-SLAS is the large scaled survey to know the achievement level of the students of Gujarat. It covers all subjects from Std. III to VIII. Standardized tests for all the subjects were applied on students.

Two workshops were organized to standardized the question papers for G-SLAS Class-VIII

One workshop was organized to orient about the strategy, procedure and data analysis for G-SLAS.

During the year 2014-15, G-SLAS was implemented on 40 pupils of Std. VIII for four subjects from every school. Total 320 schools were selected as a sample school. Therefore, the sample size for each subject of class-VIII was 3200 students. G-SLAS survey was conducted for year 2014-15. The work of report generating is being carried out.

Try Out of National Achievement Survey (NAS) – Cl. VIII and Cl. III

Under the guidance of Education Survey Division of NCERT - New Delhi, try out of NAS for Class VIII and Class III cycle- 4 was done by GCERT. Total 56 schools for class-VIII and 25 schools for class-III were selected as sample. For class-VIII four test booklets of subjects - Language, Mathematics, Science and Social Science and for class-III four test booklets of subjects - Language, Mathematics were used as tools for the data collection. Tests for data collection were in English & Hindi which were translated in Gujarati. Collected data was already sent to ESD of NCERT, New Delhi.

Multi Centric Researches

GCERT assigns the multi centric research to DIET lecturers during this year. During the year of 2013-14, total of 78 multi centric researches were carried out on five research titles by DIET lecturers. They were given more or less Rs.75000/- as assistance for the multi centric researches. They are suggested for Group Research and for that five workshops were conducted involving DIET faculties at different place of Gujarat.



Research Finding Sharing Workshop

Each DIET organized the sharing workshop to share the finding of district level small scale research with stake holders of their own district.

State Research Advisory Committee (SRAC) Meeting



GCERT undertakes research every year under the guidance of State Research Advisory Committee (SRAC). Two meetings of SRAC and two meetings of sub committee were organized during the year for identifying research areas for the

running year. SRAC gone through the proposal of Ph.D. scholars and recommended for approval. Total 04 Ph.D. scholars were allotted the grant for their research. (Rs.10000/- per Ph.D. scholar)

Research Library

GCERT is working in the field of research and education. It has decided to provide the service to a people who work in field of research through Web Portal and research Library. Research reports of Ph.D. and M. Phil studies on Education were collected from deferent university of Gujarat. The research abstracts and trend report will be prepared on the bases of research reports of Ph.D. and M. Phil studies on Education & it will be put on web portal.

Department of Publication and Library

Introduction

To provide motivation and inspiration to the teachers and teacher educators, monthly publication of the Council "Jeevan Shikshan" became the mediator across the State. Latest trends and aspects, innovative works, success stories in education and government circulars are also included in this educational publication. These publications are useful to teachers and it improves the knowledge of teachers.

Various Activities undertaken by the Department -

Publication of "Jeevan Shikshan"

This branch has published 12 issues of Jeevan Shikshan in the year 2014-15 and all the primary schools 37,400 (approximate) across the state are provided free of cost. During the vacation, the issue is distributed to only CRC, BRC, DIET and stake holders.

Workshop on Writing and Editing Articles for "Jeevan Shikshan"

Three days workshop on writing and editing articles for Jeevan Shikshan was held. Lecturers of DIETs, BRC/CRC Coordinators and teachers were invited and they had edited the articles & also had written the new articles. The valuable articles were prepared.

Meeting of Editorial Committee for "Jeevan Shikshan"

Five meetings of editorial committee for Jeevan Shikshan were conducted during the year. In these meetings, proper articles selected for publication, review of articles and necessary corrections done and also new articles were written by the members.

Feedback

The feedback related to the publications is printed in the 'Jeevan Shikshan' every month. The responses were received from all corners of Gujarat quarterly, especially from teachers, teacher educators, educationists, education lovers and other educational institutions.

Library

This branch looks after library to keep abreast with the new trends and approaches in the field of education and other reference materials/information. The institute has a rich library as a storehouse of knowledge.

The library has about 9198 books and 1580 action researches on various issues. Around 04 news papers and 25 educational literary reference magazines are available in it.

Libraries of GCERT and all DIETs are having computerized records of books. All libraries are being updated every year.

Purchase of Reading Materials

The grant of Rs. 7.25 lacs grant has been disbursed for purchase of books, magazine and other reading materials to each 26 DIETs and 2 Govt. B.Ed. colleges at Rajpipla and Porbandar & GCERT library during the year 2014-15. The reading material was purchase by permission of selection committee in each library.

List of magazines which are getting free in the GCERT's library are as under.

Educational Magazines

- Balmurti
- Educational review
- Jivan Shikahan (Marathi from MSCERT)
- Jivan Shikshan
- News letter
- Edutracks
- Indian Educational Review
- Indian Educational Abstract
- Journal of all India Association for Educational Research
- Primary Shikshak

Children Related / General Magazines

- | | |
|--------------------------|-----------------|
| ▪ Shikshan Ane Prakashan | ▪ CEC News |
| ▪ Bal Srushti | ▪ Kala Prasar |
| ▪ Suvichar | ▪ Civil society |
| ▪ Pragatishil Shikshan | ▪ Gharshala |
| ▪ Nitya Sanskruti | ▪ Strotra |
| ▪ Sandarbha | ▪ BalVishva |

- Navneet Samrpan
- Sanskar Dipika
- Manavvad
- Vaisvik manavvad

List of News Papers

1. The Times of India
2. Gujarat Samachar
3. Sandesh
4. FulChhab

Training Program for Librarians

During 8-12-2014 to 12-12-2014 (5 Days), a training program was held by GCERT for 26 DIETs and 2 Govt. B.Ed. college's librarian. The experts from INFLIBNET (Information and Library Network Centre), Gandhinagar had given information about Library software. The main object of this program was awareness with Library Automation with SOUL 0.2 Software.

Department of Science and Mathematics

Introduction

Science is a powerful way of investigating and understanding the world. Therefore, the teaching of science must enable children to examine and analyze their everyday experiences. Every recourse must be explored to enable children to express themselves and to handle objects. All children are naturally motivated to learn and are capable of learning. They are natural learners and knowledge is the outcome of their own activity. Children learn through interactions with the environment around nature, things and people-both through actions and through languages. They construct knowledge by connecting new ideas to their existing ideas based on materials.

Science and Mathematics Unit of GCERT Conducted various type of activities for the developing Science & Mathematic attitude among the students, teachers and society.

Aims

Teachers and learners ---

- Understand - natural phenomena & Cause - Effect relationship.
- Develop-Scientific Attitude and Observation ability.
- Importance of Math's and Science-Technology in work-a-day-life.
- Inquisitiveness, curiosity, reasoning and decision - making abilities
- Develop problem solving ability & reasoning ability.
- Verify results after experimentation.
- Appreciate new discoveries and its contributor.
- To learn the use of Mathematics in daily life

Various Activities undertaken by the Department -

Planning and Organizing ---

- Science-Math's Exhibitions.
- Science-Math's Clubs/ Math's lab development

- Teachers' training on science & Math's subject.
- Capacity Building at cluster level
- Eco Club

Science - Math's Exhibition

National Council of Educational Research and Training, New Delhi has been organizing National Science-Math's Exhibition since 1971. From 1988 onwards, is known as Jawaharlal Nehru Science-Math's Fair /Exhibition for Children. Now days it was known as Jawaharlal Nehru Science-Math's and Environmental Exhibition for Children. As a part of this channel, Gujarat state has also organized such exhibition every year with the different theme suggested by NCERT and State specific theme which satisfy various objectives as -

- To Popularize Science Technology & Math's among Children.
- To develop scientific temper in Children & to encourage child Scientist.
- To enable children to understand the role of Science and Technology in development of human kind.
- To popularize Science subject.
- To acquaint the community with the role of science in social and economic develop of the country.
- To develop interest towards Science subject in children and to develop scientific outlook in them.
- To familiarize children with the responsibility of emerging Scientist toward the community / society.
- To enable children to think regarding the appropriate use of the Science and Technology for sustainable development.
- To enable children of remote villages to think and to recreate though organizing Science-Math's Exhibition at, Cluster Resource Centre (CRC) and Shala Vikash Sankul (SVS) levels.
- To prepare model description booklet having a all models displayed in state level Science Exhibition covering primary, secondary, higher secondary and PTC section.
- To develop interest towards Mathematics subject in children and to develop reasoning ability and use of mathematics in daily life.

In the Gujarat state Science-Math's and Environmental Exhibition were organized for Primary Schools children at different level such as CRC, BRC, Corporation, for secondary & higher secondary school at SVS level, District, Zone level and best exhibits from various districts are displayed at State Level Exhibition. Organizing this type of exhibitions creates affirmative response of local, District levels and offers, officials and community representatives remain present in district level exhibition.

In the year 2014, Total 4707 Science-Math's and Environmental Exhibition at different level were organized in whole state on the Main theme **"Science and Mathematics for a Sustainable World"** with five sub theme and one State specific theme Innovation Practice in Education. 56421 primary, secondary and higher schools were participated and 72913 models were displayed.

Gujarat State level 42nd Science-Math's and Environmental Exhibition was successfully completed at Vanita Vishram Ground, Surat during 28-31, December 2014. Shri Bhupendrasinh Chudasama, Hon. Education Minister of Gujarat State inaugurated the function by blazing the flame with remote control. Total 364 selected exhibits were displayed from various districts. The statistics of last three year is given in the table as below.

Year	No. of Exhibition	No. of participant Schools	No. of Exhibits	No. of Participant Children	No. of participant Teachers	No. of Visitors (Children, Teachers, Community members)	Selected Models at National Exhibition
2012-13	4671	58238	74407	116476	74407	3523409	11
2013-14	4712	58129	76052	152104	76052	3060719	11
2014-15	4720	56421	72913	145826	72913	2645500	in process

SPECIAL PROGRAMMES DURING 42nd SCIENCE, MATH'S AND ENVIRONMENT EXHIBITION ARE (1) CULTURAL EVENTS & (2) SCIENCE QUIZ

To provide knowledge with fun to the students, Science Quiz was organized from 29th December to 31st December. The quiz was divided into two types. The groups of students visiting the exhibition were asked questions and a question was placed on the large LED screen after every 15 minutes and the answer was obtained through S.M.S. The winners were given surprise prize. Total 60 participants were got the prize.

A special quiz was organized for the managing committees on 31st December.

- INDIAN SPACE RESEARCH ORGANIZATION (ISRO)
- KAKRAPAR NUCLEAR POWER CENTER
- ONE DAY SEMINAR
- FUN & MAGIC BY STUDENTS

MAJOR ATTRACTIONS OF 42nd SCIENCE - MATHS AND ENVIRONMENT EXHIBITION AT GLANCE

Overall, 364 models were exhibited in 42nd Science - Maths and Environment Exhibition. Through the opinions of the visitors, the models listed below were outstanding from various points of views.

Eco - friendly Health Protecting Pot,, Dyslexia Awareness, Stem - Cell Bank, Internal Phone Facility, Smart Town, Women Awareness, Laser Communication System, Stove cum Oven, 2D - 3D Physical Shapes, Oil Collector and Saver, Mars Rover Suspension System, Multiple Math's Model, Anti - theft System in Vehicle, Best from Waste : Polythene Recycling, Smart Helmet for Security and Alert System. Along with above listed models, the N.G.O. stalls that drew each one's attention were:

- R.T.O. Surat's programs on 'Traffic Safety Week' and 'Motor Vehicle Act'
- Truth - Finding : A Public Awareness Program
- The Akshay Patra Foundation and its Functioning
- Parenting for Peace by Shree Hashmukh Patel (I.P.S.)
- 108 Emergency - A Lifeline of Gujarat State
- Gujarat Energy development agency

Science Mathematics Club

In every district, a Science-Mathematics Club is set up under the aegis of DIET. Various activities are planned and carried out with a view to raising children's achievement scores in Science–Mathematics in the district concerned. Once in a year all the members were together at district level including Principal of DIET, District Education Officer & District Primary Education Officer, representative of BRC, CRC and other experts and planned various activities to improve the result of Science & Mathematic Education.

In all district, various activities can be carried out by this club like –

- Reading of Science, Mathematics books by students, its briefing, and cutting of press note about the science matters and particular articles from certain magazine and prepare album at school level.
- Organize debate on science and math's subjects.
- Celebration of Scientist birthday.
- To demonstrate some practical work for teachers as well as students at CRC and BRC level with the help of expert teachers.
- To demonstrate some practical work for In Service teachers at DIET level at the time of Training program.
- Experiments based on science-Math's kit. At preliminary level all DIET has developed their Math's lab having some fundamental materials and some innovative models. Planning report and activity report was prepared at district level including activity conducted at school level and other level.



Eco Club

It is the group of students & Teachers at school & DIET level, who works for environment awareness and maintenance of healthy environment.

GCERT has helped primary school & All DIETs to set up Eco Club. Through various activities develop Eco -friendly attitudes among children and teachers. During the year 2006. It was launched in 4000 primary schools and all DIETs, GBTC Rajpipla & RGT Porbandar as a trial base. Good positive response from all schools, it was started in 32512 Government primary schools & all DIETs in 2007. GCERT has also conducted Key resource person Training Program at state level, Master trainer training program at district level and Teachers training program at School level who was selected from all District to aware about environment.

Last year State level workshop was organized at Dantiwada agriculture university, Banaskantha on 30-07-2014. In this workshop mainly discussed on green school project, Aaurvedic crops, Care of fertilizers, health and origin of land, Survey on school environment and activities conducted at district level. Groups were also visited SBPURA primary school which was greatest example of this activity. They also visited insect museum, crops research centre and other department of university, Balaram resort and Mangalya van.

Activities regarding the Eco Club at School level as well as district level are as follows.

- To prepare healthy soil. To develop Medical plants garden. To develop kitchen garden, to develop Flower bad. To develop awareness of plantation. To conduct activities like Shala safai, Medan safai and decoration. Preparation of Compost pits. Quiz competition on Environment equilibrium. Rally on prevention on use of plastic bag. Rain water harvesting. Visit to important Environment place. Poster development competition, small exhibition on Environment protection at school level.
- Different activities conducted at District and school level.

Eco-Club activities are warmly welcomed in Surat DIET and in all primary schools of Surat district. The Eco-Club has given the sense of "Green and Clean Gujarat." The schools, school members, students and people have followed the motto with whole heart. The schools have allotted different committees for different tasks. These committees undertake the duties like 'village sanitation', 'caring public places', 'dustbin arrangement', 'plastic and pollution awareness programs', 'sanitation of water tank', 'cleaning school premises and toilets etc... The schools have arranged environment awareness trips where plantations, organic method for plantation, calculating trees etc... activities are done.

Anand DIET has started two remarkable activities. One is 'Kitchen Garden' and Second is 'Plant Adoption Activity.' The schools of Anand district are equally active in Eco-Club. Many schools have created 'Herbal Garden' in which knowledge and objectives of plants and their usages have been taught. The schools have blended the Eco-Club in their co-curricular activities like Essay competition, Eloquence, Drawing Activities etc... Many schools have worked on Wormy Bank and Compost Fertilizer.

Rajkot-DIET has taken firm steps. The activities are as Renovation of Drip Irrigation System, Herbal Plants Awareness, Plant Adoption Activity, Environment Tours, Compost Fertilizers, Forest Friendly Training Camps

DIET-Bharuch has been working very hard in the field of Eco-Club. The following activities are the repairing of public water source, Save Water and Save Electricity mission, Rain Water Preservation, Wormy Compost Fertilizers

DIET-Amdavad Rural has organized workshop on awareness of Eco Club activities on 28/07/14. DIET principal and faculty member has given guidance to participants. Tree plantation at DIET campus with the support of action group on 29/07/2014.

DIET Vadodara has developed very good browser including all information regarding Eco-Club activities and distributed to all CRC, BRC and Schools.



INSPIRE Award Scheme

INSPIRE is a National Program implemented by Ministry of Science and Technology, New Delhi.

INSPIRE Scheme has three components (a) Scheme for Early Attraction of Talents for Science (SEATS) providing (i) INSPIRE Award of Rs. 5000/- and (ii) mentorship through global Science leaders at a Science camp (b) Scholarship for Higher Education @ Rs.80000/- per year for continuing education at B.Sc and M.Sc level and (c) Assured Opportunity for Research Careers (AORC) for young researchers to pursue doctorate research in science backed by an assured career opportunity.

Status in Gujarat

Director, GCERT is a Nodal officer for this Scheme. Under his guidance activities is going on. Research Associate of Science unit is an Assi. Nodal officer.

- During 11th plan(2009-2012) and 12th plan(2013-2017) and up to year 2014 more than 93000 plus award was sanctioned
- 4th National level Science exhibition under this scheme was completed during 06-08 October 2014 at New Delhi. 60 awardees from 60 School were participated in this exhibition. Pradip Chaudhari, Valsad Amreli has won West Zone 1st prize of Rs.20000/- in this exhibition. Dhairyra Patel, Tushar Thakur has won prize in this exhibition.
- Up to year 2014 Four National levels Science exhibition was completed under this scheme. Total 138 awardees from different schools from Gujarat State have participated in the exhibition. Out of these 138 awardees, three awardees namely Pradip Chaudhari, Naresh Makwana, Seema Mangrolia are selected for Japan tour under students exchange program.



Department of Information & Communication Technology

Introduction

The quality improvement of primary education through wide use of technology in education, Information and Communication Technology (ICT) Branch of GCERT is functioning. As various communication techniques have minimized the limitation of transmission loss by giving the direct first hand information, it is being used widely in the different Media and programs under the umbrella of ICT branch of GCERT.

GCERT & DIET's have following Facilities

- Teleconference
- EDUSAT
- Website
- Internet and e mail, IFMS
- Online grant distribution to all DIETS
- Computer networking
- Smart class
- Computer lab
- Website updating
- Data backup work
- DELL LAB
- COPMPUTER, LAPTOP, VEDIO CAMERA, LCD PROJECTOR

TELECONFERENCE

- 26 DIET's have Teleconference Facility through SATCOM-INSAT 4 CR.
- Teacher Training conducted through BISAG.

EDUSAT

- VSAT and Computer set up for EDUSAT program telecast through CIET, New Delhi.
- Different programs were organized by CIET on curriculum, NCF-2005 and ICT @ School through this facility.
- Training of Mentor Coordinators in the use of ICTs for Teaching-Learning Process in Schools conducted by CIET for following objective

WEBSITE

- GCERT have her own website.
- All DIET's have their own websites as per MHRD Guidelines and NCTE Norms under the guidance of GCERT and update every year.

USE OF INTERNET AND E - MAIL

- GCERT and DIET's are connected through (Gujarat State Wide Area Network) GSWAN.
- The faculty member uses internet for research work or updating their knowledge in respective field and e-mail.

IFMS

- Gujarat Government has undertaken a project to cover Education Department known as Integrated Financial Management System (IFMS).
- Online all type of Grants and other information circulated by IFMS.

PROGRAMS AND ACTIVITIES

A various type of programs conducted by this branch like –

1. Website updating, E-Content development workshop
2. Capacity building workshop for lecturer at Palitana and Chotila

In this workshop mainly think over Open Educational Resources, The World is Open: How Web Technology is Revolutionizing education, Interactive Multi-Media E-Text Book, PDF-Xchange Viewer, Video spin, Video Cutter, Audacity, GIMP, Free Quiz Maker, Format Factory, Shockwave Player, Moodle application, Moodle ape, how to prepare quiz through this software, Student evaluation quiz, PDF viewer and PPWB-12 software, How to operate mobile android application in Computer and laptop, Subject wise soft material presentation, Demonstration of actual smart class functions, practical work, to create a blog, Update website and how to develop websites, how to prepare subject wise quiz through smart class and other related points. In chotila workshop Mr. Ujamshi Bhai, Khandla, Primary Teacher, Ankevaliya, Surendranagar discussed about preparing educational app using tools of android. He mentioned very easy ways to prepare educational apps using android climate.

All Faculties of GCERT and DIET's were trained for their quality improvement in such area like -

- Preparation of soft materials for Std. 6-7-8 in Science, Math's, Social Science, English subject by all DIETs.
- Preparation of Audio CD of "Sanskrit".
- Poster / Chart Development with the help of Computer.
- Teaching Learning Pedagogy
- Preparation of Video CD for Science experiment demonstration by Amreli DIET.
- Preparation of CD including model description of all 300 models which are displayed in State Level Science exhibition 2014.
- Smart Class facilities are available in all DIETs. Teaching-learning process was carried out through smart class in Navsari, Surat, Gandhinagar, Surendranagar, Amreli, Junagadh DIETs. Primary school students are invited in DIET and teach them through these facilities.
- Vadodara DIET have recorded all distance mode program telecast through BISAG
- Developed science quiz for Std. 6-7-8 by Gandhinagar DIET.



Department of College of Teacher Education and Institute of Advanced Study in Education

Introduction

CTE-IASE branch is working in GCERT under Centrally Sponsored Scheme of Teacher Education. The main role of these institutes is imparting of quality pre-service and in-service education to secondary school teachers.

Objectives of CTE -

- To conduct pre service teacher training program for secondary school teacher trainees.
- To organize in-service training programs for secondary teachers.
- To conduct training need analysis and baseline surveys for organizing training programs including teachers handbooks and training module.
- To conduct impact studies to study effect on training in classroom processes and learning outcomes.

Objectives of IASE -

- To conduct pre service secondary teacher education program(B.Ed.)
- To conduct program for preparing teacher Educators(M.Ed.)
- To conduct in-service training of teacher Educators(DIET faculty)
- To conduct short term courses for teacher educators of CTEs.
- To develop resource material for teacher and teacher educators.
- To conduct advanced level fundamental and applied research and Experimentation in education.
- To set up units/centers to do research and material development in- Curriculum studies, Pedagogic studies, Assessment and Evaluation
- To act as regional resource center for various activities like- Development of curricular and material, Educational planning and administration, Development of material for training of educational administration.
- To provide facility and guidance for M. Phil and Ph.D.

Various Activities undertaken by the Department –

Various training programs and researches conducted by 08 CTEs and 02 IASEs are stated below.

Training Programs

- Techniques of effective evaluation
- Effective public speaking for eng. Teachers
- Know your universe, Good qualities of a teacher
- Content related
- Action research related
- Research Paper Workshop for Teachers of Teacher Education institutes
- Training Program/ Workshop/Seminar on NCFTE (State Level)
- 3 Workshop on implementing SCE for teachers
- YOG EDUCATION, RESEARCH PAPER PRESENTATION for Teacher Educators
- Vedic Mathematics
- Poem creation Ability
- Theatre in Education (TiE) Advisory Committee Meeting
- Adolescence Education through Theatre in Education (TiE) for Trainees (Pre-Service Training Workshop)
- Need Assessment Workshop in English
- To organize classes for M.Ed. students to update them for TET & TAT examination
- Workshop for NCFTE-09 to enhance teacher education program
- Educator's ICT training
- Effective teaching & learning in Social Science
- Science-Mathematics teacher's training
- Teacher educators readiness program
- Use of ICT in language teaching
- Workshop for English Language teaching with reference to communicative approach

Researches

- Development & Implementation of linear program & work card improve Material on pronoun unit of Gujarati
- A Study of Library situation of Higher Secondary Schools of Dharampur Taluka
- A study of Primary School Teachers problem working as BLO of Umargam Taluka
- A Study of Opinions about Brain Storming technique of Lecturers & teacher trainees of teacher education institutions of Navasari district
- Development & tryout of the Women Empowerment Program to empower the Girl Child.
- A study about Use of ICT in Teaching Learning by Pre service Teachers of SRSM, Bilimora
- Educational implications implemented in Gujarati Subject textbook at secondary level

- Construction & tryout of Computer education Program for the unit 'Pronoun & Verb' in Sanskrit subject of std-8
- A study of effect of Newly appointed Principals of Primary Schools from Navsari District on quality Amelioration of primary school.
- Evaluation of M.Ed. curriculum of Shikshan Mahavidyalaya (IASE), with ref. to NCFTE
- Diagnosis of the basic concepts in science & Science & Technology-11 for std.9th students.
- A Study of attitude of teachers towards implementation of semester system in std.1 to 5.
- Construction and Effectiveness of Teaching Modules for std.8th History.
- A Study of Oral Communication Apprehension among Teacher Trainees.
- A Study of equality of women attitudes of pre-service trainees of B.Ed. colleges.
- A Study of Exam Anxiety among post Basic Schools' students.
- School based Comprehensive Evaluation in subjects like Science, Mathematics & Social-Science for Secondary Schools.
- Use of ICT by Teacher Educators in Secondary Teacher Training program.
- Study of Implementation of Right to Education in Primary Schools of Districts under Shikshan Mahavidyalaya(IASE).

Apart from these, specific researches all in -

- Minor Research Project
- Theatre in Education (Phase III) Exploration & Formation Stage)
- Research projects
- Concept Learning (Phase III)



Inclusive Education for Disabled at Secondary stage

Introduction

Integrated Education for Disabled Children (IEDC) scheme, a 100% centrally sponsored scheme was implemented in Gujarat State by Director of Primary Education from the year 1992. It was transferred to Gujarat Council of Education and Training (GCERT) in 1998.

MHRD, New Delhi has introduced a new scheme named as Inclusive Education for Disabled at Secondary Stage (IEDSS) from 1/4/2009.

Aims

- To provide all students with disabilities, completing eight years of elementary schooling, an opportunity to complete four years of secondary schooling (standard IX to XII) in an inclusive and enabling environment.
- To provide educational opportunities and facilities to students with disabilities in the general education system at the secondary level.
- To support the training of general school teachers to meet the needs of children with disabilities at the secondary level.

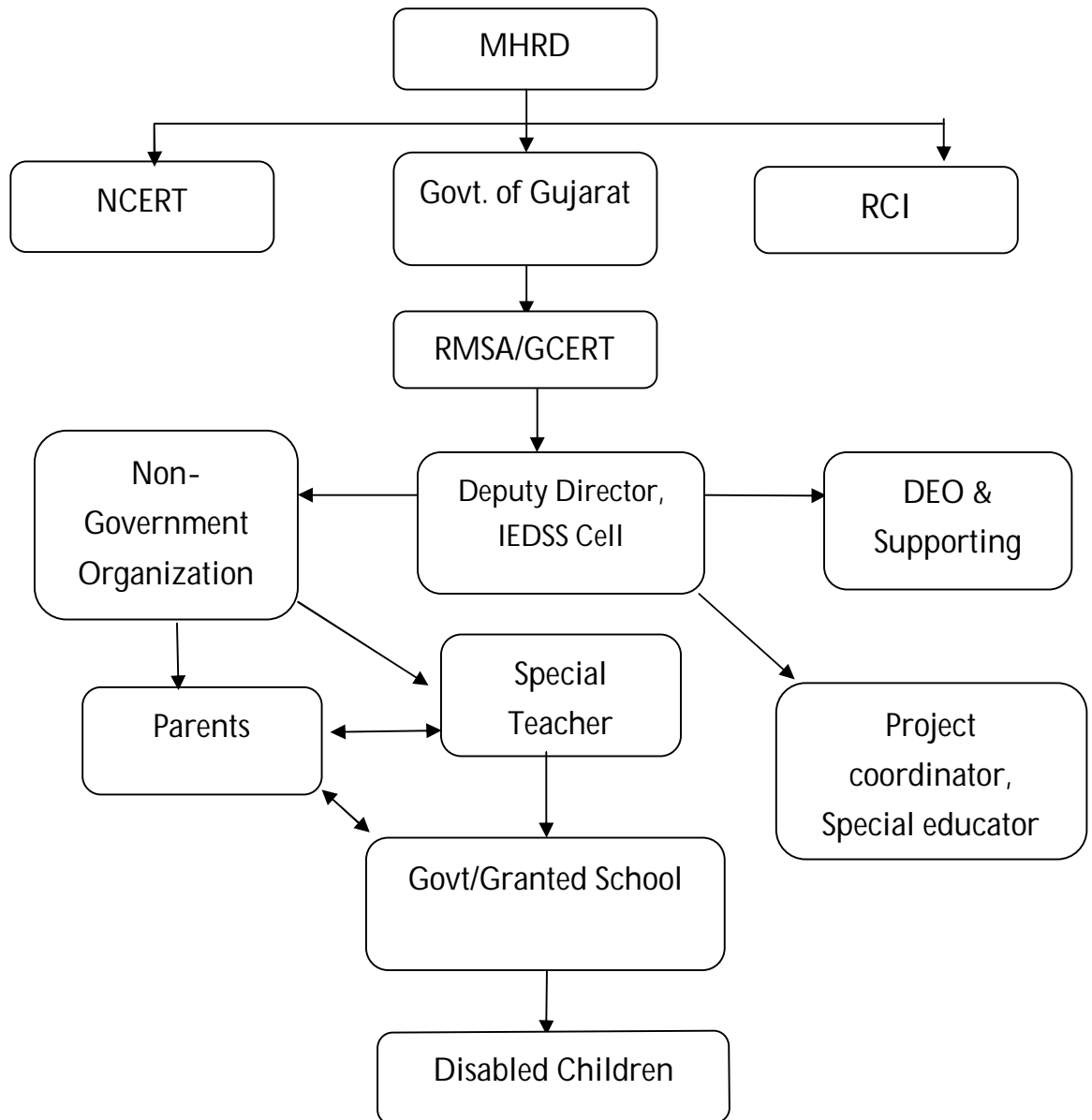
The scheme covers all children of age 14+ passing out of Elementary schools and studying in secondary stage in Government, Local body or Government-aided schools, with one or more disabilities as defined under the Persons With Disabilities Act - 1995 and the National Trust Act - 1999 in the age group 14+ to 18+ (standard IX to XII).

Girls with disabilities receive special focus and the efforts are made under the scheme to help them in gaining access to secondary school. Every disabled girls are given a monthly stipend of ₹ 200/-.

₹ 3000/- per year is given to each student with disability for - assessment of children and for getting medical certificate, books and stationery and uniform, reader allowance to vision impaired student, transport allowance to orthopedically handicapped students, escort allowance to severely handicapped and vision impaired students, therapeutic services to the needy, hostel charges for students staying in hostels, assistive devices like speech recognition software, screen reading software, audiotapes, talking books, books with large prints, wheelchairs, helmets, goggles etc.

Moreover, provision of resource rooms and equipment in one school per block, training to special and general teachers, orientation of teachers, head masters, parents, use of computer technology, scholarship of ₹ 600/- to each disabled children from State Govt. budget were done.

Organizational Structure of IEDSS



Highlights of the Scheme

Cell has set up a system to find out disabled children through survey and assessment so that more and more disabled children can be identified and enrolled under this scheme and can be rehabilitated.

Various circulars are provided to NGO's regarding education and social welfare of disabled children.

Cell has implemented DPS (Direct Payment System) to paid government's scholarship to the each disabled student.

During the year 2014-15, 3845 Secondary and Higher secondary schools were covered and 10244 disabled students were covered under the scheme. About 990 special teachers have been working under the scheme and being helpful to disabled students in their education. The detail of the same is given bellow.

Type of Disability	No. of Schools	No. of Student	No. of working Special Teacher
Visually Impaired	3854	2414	343
Hearing Impaired		1164	172
Mentally Retarded		3482	475
Orthopadically Handicapped		3184	-
Total	3854	10244	990

- A new school diary was developed for the special teachers working in the field.
- All beneficiaries disabled students of the scheme have opened their Savings Bank Account for the purpose of DPS for financial assistance.
- A total fund of ₹ **43.27** crores was utilized under the scheme during the year 2014-15.

Population Education Cell

Introduction

Population education cell runs under the NPEP (National Population Education Project) MHRD New Delhi. Population Education covers various subjects like - awareness among students with respect to various aspects like family, society, nation and the overall scenario of the world population, understanding about their self duties and behavior with respect to the population aspects in students, awareness regarding various aspects like population and sustainable development, women empowerment, gender equity, adolescence and reproductive health, family social and economic issues of family, quality of life, health, hygiene and education).

Moreover, students and teachers develop their understanding about various aspects of adolescent education like changes happening in the adolescence age, problems and solutions for the issues arising in this stage, prohibition of tobacco, Awareness of HIV- AIDS, impact of drugs on health, scientific knowledge about one's own body, to prevent female feticide and save girl child.

Objectives

- To develop knowledge about inter relationship between population and quality of life.
- To propagate knowledge about the problems arising due to population explosion.
- To develop awareness about the problems arising in adolescence.
- To develop a positive attitude towards the better position of the woman in the society.
- To develop an attitude to balance the human needs and natural resources.
- To develop scientific knowledge about the physical, mental and emotional changes happening in adolescent boys and girls development.
- To protect themselves from HIV aids and drugs.

Various Activities undertaken by the Department -

Material Development

PEC had prepared ten various Flex banners one AE-PE Theme (each flex banner- 907 copies) also prepared Manual for how to use above Flex banners (1 set= 10 banners)-907 set

Advocacy

PEC had done advocacy of curricular activities with all 33 DEOs of Gujarat State at block 7th Sachivalaya and Advocacy with Principals of Govt. Secondary & Granted schools of various districts.

Training

The training regarding adolescent Education was given to 50 NSS Coordinators of Baroda district and 50 Scout Guide Coordinators of Surat District.

Curricular Activities

PEC had completed District level Role play, Folk dance and Poster competition of 26 Districts (1326 Students & Teachers) and also completed State level Role play and Folk dance at Baroda high school , Alkapuri Baroda.(268 Students & 111 Teachers) PEC had developed Population Education corner at State level Science- Math Exhibition at Vanita vishram surat. (50 Participants & one lack visitors) PEC had completed village adopting program at Shamalpur (Bhiloda taluko- Sabarkantha –District).

Research and Evaluation

Process Documentation of village Adoption activities-A Case study Report was prepared for the year of 2014-2015 and “the Study of Unjha taluka higher secondary school girl students awareness towards the save the girl child campaign” was prepared for the year of 2014-2015.

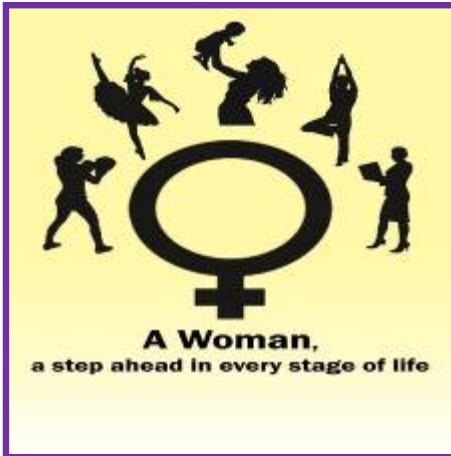
Publication

PEC has developed and distributed ten various Flex banners and Manual on AE-PE Theme for different curricular activities for students & Teachers of secondary school.(742 Govt. school,30 for Div & Daman, 130 for 26 DIETs and 4 for GCERT And 1 for NCERT.)

Monitoring

PEC has finalized AWP of 2014-2015 with the help of DRU Lecturers Meeting. Plan was discussed and reviewed in this one day meeting of DRU Lecturers.

Beneficiaries: Students: 2,896
Teachers: 349
Schools: 672
School level Activities: 548



Health Education and Life-Skill Program

Introduction

GCERT is facilitating the implementation of the Health Education and Life Skills Program (HELP) earlier named as Adolescent Education Program from 2008. Starting from 2500 schools in 4 districts, the program expanded the coverage to 6365 schools in 18 districts in 2013– 14. This year we covered 9680 schools under this program. This project aims to cater awareness on health education and also to develop life skills among the secondary school students covering the age group of 14 to 18. This program mainly involves various chapters like healthy life styles, environment and Health, human body and Health, Reproductive health & child protection, Infectious – Non Infectious diseases & Maintenance, mal nutrition, nutrition and balanced diet, mental health & drug abuse. We also provide financial help of Rs.500 per school. Total 10000 schools are benefited till date.

Objectives

- To make students and Teachers aware about healthy lifestyle.
- To sensitize students and teachers regarding maintenance of environment and health.
- To make students and teachers aware about the structure of human body.
- To make teachers and students aware about reproductive health and child protection.
- To impart information on infectious and non infectious diseases and maintain their health.
- To impart information on Balance Diet, Nutrition and Mal Nutrition.
- To sensitize students and teachers about abusive substances and thereby keep themselves away from such substances.
- To make them aware about life skills.
- To make students and teachers actively participate in developing healthy society.
- To make students and teachers aware about Mental health and Drug abuse.

Teachers Training

GCERT has given four days HELP training to Secondary teachers of eight districts at district level & **1753** teachers benefited from this.

School level Activities

₹ 500 as a grant per high school released to **9680** Secondary schools for conducting Activities of Health Education, Life Skill Program according to HELP Module.

Help Module

3000 HELP Module republished for training for Secondary Teachers.

Meeting of DRU Lecturers

HELP Plan was discussed in this one day meeting of DRU lecturers and given HELP module to each lecturer.

Refresher Training –

GCERT has given refresher training to 1158 secondary teachers of three district.

Documentary Film-

Documentary film of 20 minutes was prepared and 9700 CDs distributed in all secondary schools of Gujarat

Beneficiaries - Students: 18535
Teachers: 4682
Schools: 9700
School level Activities: 22581



Distance Education Program

Introduction

Government of Gujarat has registered its growth in various fields including technology and import-export fields with leaps and bounds. Primary Education sector has started using technology and try to make education very effective and qualitative. And "Distance Education program" is one of the steps of initiatives. 2014-15 was the successful year of the program.

Objectives

The objectives of the program are set forth as:

- To use present technology in Primary Education and try to provide quality education to the children.
- To telecast the lessons of Maths, Science and technology, English other subjects through BISAG
- To remove the weakness of the children of the schools in which the teachers of Maths, Science and English are not available.
- To provide the experience of new way of education to the children.
- To fulfill the defects of the educational equipments in the schools through the programs.
- To remove the difference between areas and school to school.

Working Method

To achieve mentioned objectives the working method for the year 2014-15 was like this.

Annual Planning

The program can be telecast in the schools except holidays and vacation during July 2014 to March 2015. For this, with the help of the members of State Resource Group the units were selected according to curriculum.

To present the subjects in the program the selection was like this-

Tuesday – Mathematics

Wednesday- Science and Technology

Thursday- Social Study, Hindi, Gujarati and Sanskrit, according to needs

Friday- English

Thus, the program was telecasted four days in a week. Every day in the noon at 2.30 p.m. to 5.00p.m in the evening time was decided for the telecasting. First period was for Standard-6, second period was for Std.-7, third period was for Std.-8.

Selection of the Schools

During the program the children from one school for the day were present in the studio. This year the schools of Gandhinagar district were called for the purpose.

Details of Beneficiaries

This program has two types of beneficiaries. The pupils in all the upper primary school, which has the receiving facility, are the first beneficiary of the program. In second phase, some schools from the interior areas are offered one day as under.

The total number of students covered in this program is as under.

No.	Year	Boys	Girls	Total
1	2009-10	4440	4239	8679
2	2010-11	3036	3235	6271
3	2011-12	3391	3146	6537
4	2012-13	6295	7308	13603
5	2013-14	8395	7898	16293
6	2014-15	6532	5990	12522
	Total	32089	31816	63905

The number of students presented in the BISAGE in 2014-15.

No.	Category	Boys	Girls	Total
1	SC	332	288	620
2	ST	986	928	1914
3	OBC	2296	1997	4293
4	OTHER	513	475	988
	Total	4127	3688	7815

The number of students visited science city in 2014-15.

No.	Category	Boys	Girls	Total
1	SC	183	207	390
2	ST	22	58	80
3	OBC	1900	1713	3613
4	OTHER	300	324	624
	Total	2405	2302	4707

Expenditure

During 2014-15 total expenditure of the program was Rs. 1,50,00,000.

Thus, the program runs on the track of the success for the whole year. The program got so many positive responds for the telecasting, subject teachers and methods also.

To some extent the defects which were observed through the year will be soon sorted out, and try to make the program cheerful and successful.



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Department of Establishment and Account

Introduction

Establishment and Account departments of GCERT are looking after human resources and management of financial funds. The establishment department is involved in service matters of the employees. The Account department is managing affairs related with financial funds.

The branch is engaged with service matter of the employees of Council and DIET's. Besides, branch is also connected with various administrative works of Council and DIETs.

Various Activities Undertaken by the Department

- The preparation and review of Confidential Report for the year 2014-15 was done.
- Sanction given for higher education study to 20 faculties of GCERT and DIETs.
- No objection certificate for passport was issued to 20 academic / non academic fellows of GCERT and DIETs.
- The procedure to issue No Objection Certificate for employment at another place to 20 academic faculties was done.
- Pension of retired officers of GCERT and DIETs were sanctioned.
- One High Court cases disposed off.
- Four research Associates of GCERT were sent to 3 days training at SPIPA.

Under Right to Information (RTI), details of disposal of application are as under.

Application received	38
Application disposed off	38
1 st appeal raised	03
1 st appeal disposed off	03
2 nd appeal raised	Nil
2 nd appeal disposed off	Nil

Plan proposal for the construction of DIETs/BITE building, hostel building & staff quarters of DIETs - Idar, Surat, Kathlal, Waghai & Saputara (BITE) are prepared as under (year 2014-15).

(Rs. in lac)

Name of DIET	Budget Provision	Expenditure incurred (as on 31/3/15)
Idar	1654.52	1300.93
Surat	442.00	249.81
Kathlal	630.00	268.42
Waghai	504.00	975.26
Saputara (BITE)	1600.00	649.40

Administrative and accounting inspection of DIETs and GBTC, RGT

Administrative and Accounting Inspection of DIETs and GBTC, RGT are carried out. The observations made during inspections are helpful in order to set the mistakes undertaken during day to day administration and accounting affairs.

Reconciliation as per guidelines given by the finance department

Reconciliation with Accountant General, Rajkot with respect to expenditure booked by various offices was carried out on quarterly basis and annual basis regularly. Necessary book adjustment entries are submitted to A.G. Office, Rajkot. Reconciliation up to March, 2014 was done with A.G. Office, Rajkot.

The overall performance of GCERT during the year 2014-15 in regard to expenditure under the State Plan Scheme as well as Centrally Sponsored Scheme was as under.

(Rs. in lacs)

Detail	Provision 2014-15	Revised Provision 2014-15	Expenditure till March 2014-15	% of Expenditure
Plan CSS)	77.08	71.20	68.50	96.20
Plan (State)	73.24	93.70	51.42	54.88
Non Plan	2.85	3.30	3.26	98.79
Total	153.18	168.21	123.18	73.23

Various Programs/activities undertaken by DIETs

Introduction

In the State, all the DIETs undertaken different programs and activities during the year. Need based, area based and research based programs and activities were planned by the DIETs.

Function wise planning was prepared by all the DIETs for the ceiling of ₹ 20/30 lacs. Various functions like - Research and Action Research, Resource Centre and Documentation, Training Programs for Teachers, BRCCs, CRCCs, SMC members...etc., Technology in Teacher Education, Innovations, Content and Material Development and On-site Support to Teachers were covered under the annual work-plan. Following programs and activities were conducted under different functions during the year 2014-15 are given as an illustrative.

Research and Action Research

- A study on the errors of students of upper primary school with reference to Science and Technology subject.
- A case study of the best practicing schools in the district.
- A study on the effect of "School and class room design" in quality of education.
- A study on the national integrity and character building through CCA.
- A comparative study of - the results of Gunotsav for the year of 2013 and 2014.
- A study on use of - ICT/computer/available resources in schools..
- A study on the implementation of SCE in - schools/classroom.
- A study on the effectiveness of open book exam for Gujarati, Hindi, Social Science and Mathematics of second year D.El.Ed students.
- A study on the mistakes in four basic process of Mathematics of students of Std. 5.
- A study on the Head teachers of primary schools about - their knowledge of English language/ difficulties in school management.
- A study of awareness regarding the RTE-2009 among primary teachers.
- A study on the classroom process (interaction) of A and D grade schools.
- A study on the difficulties felt by the teachers in teaching the differently able students.
- A study on the reading, writing and numerical achievement of students of Std. 1 to 8 in Gujarati subject.

- A survey on active role of SMC for the improvement of quality in education.
- A study on the role of PPP for the development of - educational quality/ infrastructural facilities in primary schools.
- A study on the effectiveness of education with the use of smart class.

Resource Centre and Documentation

- Annual Work Plan, Revised AWP, Annual Report.
- Lecturers' Research Abstract Series.
- Report on program like -

-Up gradation of D-grade schools	-Internship
-Easy English Learning Program	-Computer readiness of CRCCs
-Folk dance & Role play competition	-Life skill activities
-GSLAS-7 (first & second term)	-Science experiments
-Effective class room teaching	-Environment awareness
-Supervision & Support training	-Innovative practices of teachers
- Documentation on - Balmela/Life skill mela/Eco club/Science and Maths exhibition/ Ramtotsav.
- Document of- Hard spot/PAC meeting/Head teacher training/Best practices in schools/Sanskrit language conversation/Spoken English/ Vedic Math/ Rural games/ Local material.
- Hand book of anchoring techniques.
- E-Magazine /Magazine of DIET.
- A reference material on use of Encyclopedia (Bal Vishwakosh) in Social Science subject.
- Documentary on - Local specific / Active role of SMC/Balmela

Training Programs for Teachers, BRC, CRC Coordinators, VEC, SMC Members etc.

- Master Trainers / Cluster Resource Groups training for Std.1 - 5 and 6 - 8.
- Workshop on project method.
- Program Advisory Committee meeting, Co-ordination meeting.
- D.El.Ed. lesson plan workshop.
- Work shop for local material development / Soft material development.
- Workshop on inclusion in education.
- Maths laboratory orientation training.
- Script writing workshop.
- Training on office administration and record management.
- Program on Life skill education through drama.
- Training to Aanganwadi supervisor/ prerak / ICDS worker.
- Sharing workshop with innovative teacher.

- Workshop on use of puppet in education.
- Training for Ashramshala school teachers.
- Workshop on use of social media in education.
- Training on School based Comprehensive Evaluation.
- Capacity building of EI/Head teachers/BRCCs/CRCCs
- Training on Library strengthening.
- Program on awareness on how to prevent malnutrition
- Virtual classroom project training.
- Workshop on proficiency development in English language.
- KGBV and Model school teachers' training.
- Personality development, Reading and Thinking workshop
- E-TLM development workshop
- Training for newly recruited teachers.
- Women empowerment training.
- Training for development of resource centre for art and craft.
- English quiz workshop
- Workshop on making origami.
- Training on Maths lab development for teachers.
- Training on use of Bal Vishwakosh and language Encyclopedia.
- Workshop on disaster management / on water conservation.
- Workshop on multi grade teaching.

Technology in Teacher Education

- Workshops on -

<ul style="list-style-type: none"> -Website development -English communication skill through ICT -Use of software in educational research -All India Radio local specific script writing -Development of audio CD for songs and poems -Soft material in Social science 	<ul style="list-style-type: none"> -Basic Computer training -Development of blog and website at school level and use as a resource -MS Excel/Power Point presentation training -Use of technology/social site in education -Development and use of e-content in teaching learning process -Development of self learning material -DVD development of Science toys
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- - Software based question bank
- Internet based training program for teachers of tribal area.
- Publication of DIET E-Magazine.
- Training on use of social networking.
- Blog development program.
- UBANTU – Computer training

Innovations

- Workshops on SCE or Ashramshala and KGBV teachers.
- Workshops on Science experiments of Std. 6 to 8.
- Children Film Festival.
- School Placement.
- Save girl and safe girl oriented training in tribal area.
- "Chalo jate kariye prayog".
- An edutainment initiative for school children.
- Library enhancement program.
- Vacation Reading Camp.
- Virtual classroom.
- Up-gradation program for schools.
- English quiz.
- Question bank about RTE, NCF, SMC, SCE.

Content and Material Development

- Module prepared on/for -
 - CRG training
 - Empowerment of minority teachers' for Maths
 - Quiz material for Gujarati subject
 - Teaching learning materials for Maths lab
 - Stress management
 - Multi grade teaching (MGT)
 - Administrative guidance
 - Basic knowledge of computer
 - School level Balmela activity
 - Special day celebrations
 - Swatchh Baal Swatchh Bharat
 - Use of internet
 - English communication skills enrichment
 - Vedic Ganit/Mathematics
 - School inspection and co curricular activities
 - Blog creation & Website creation
 - Sanskrit Sambhasan
 - "Save water" / Water conservation
 - Head teachers and CRCCs
 - Hard spot training
 - Newly recruited teachers
 - Anganwadi workers
- Block wise local recourse material.
- Supplementary material development for Mathematics and Science.
- Month wise allocation of syllabus of standard 6 to 8.
- Literature for local dialect.
- Question bank about RTE, NCF, SMC, SCE.
- Let's do experiment in Science for Std. 6-8.
- Research abstract.

On-Site Support to Teachers

- Visits during D.El.Ed. Internship.

- Visits to adopted schools.
- Eco club monitoring.
- Balmela activities visit.
- Teacher training visits.
- Gunotsav/ remedial visits.
- Ramatotsav visits.
- Distance education program visits.
- Virtual teaching visit.
- Maths-Science exhibition visits.
- G-SLAS 7 examination.
- D, E, F grade school visits/ Remedial/enrichment program visits.
- Enrolments derive School visits.
- Laisoning visits.
- CRG training monitoring.
- Visits to BRC Centers / Schools.