

The following materials have been provided by ISRO to elementary schools to run the EDUSAT project:

Receive Only Terminal (ROT): a solar power pack: a 29 colour T V with lockable TV box: UPS and the batteries to all the schools. The solar power panel has helped to overcome power problem in rural areas.

DSERT identified the hard spots in each subject from classes III to VIII with the help of class room teachers and subject experts. Scripts prepared were given to professional film makers for making video lessons. 458 video films have been prepared under the supervision of an expert committee.

In the primary education project, every school is given a teachers hand book. It contains the telecasting schedule which helps the teacher to integrate the video lesson in class room teaching.

The hand book contains for every video lesson:

- The objectives of the video lesson.
- The pre telecast activities that the teacher has to do for this lesson.
- The content of the video lesson.
- The post telecast activities.
- Evaluation.

Two video lessons are telecast everyday- the first lesson from 2.00 PM to 2.30 PM and the second lesson from 3.30 PM to 4.00 PM. The telecast of the lesson in the afternoon has helped maintain full attendance in schools. On Saturdays on first session of telecast is 10.00 AM to 10.30 AM and second session is from 10.40 AM to 11.00 AM.

DSERT has established a multipurpose studio in its premises. A major Portion of the equipment for the studio has been donated by Education Development Centre (EDC) Washington. This studio is used for live telecasts.

The Hub and telecast facility is also located at DSERT. The facility is also shared by the Vishveshwarayya Technological University which is connected to 100 Engineering colleges in the state through the Edusat facility.

229 ROTs have been provided by SSA to all the offices of Deputy Directors of public Instruction, (DDPI), DIETs and Block Resource Centres (BRCs) in Karnataka. This has helped in taking up teacher training programs through teleconferencing. Teleconferencing has been started from DSERT studio Since FEB-06. Karnataka has pioneered the Distance education concept in both primary and teacher's Training sectors in the country through the Edusat project.

ROTs Installation for Teachers Training and Kasturba Gandhi Balika Vidyalaya (KGBV)s :-

1. Block Resource Centres, DIETs, and District Project Office (DPO) were provided with ROTs and SPP. This helps to conduct In-service Teacher Training through telemode and also help them to get teleconference programmes telecasted from the State.
2. ROT's and SPP have been installed in KGBV's to watch Edusat lessons.
3. State office is equipped with video conferencing facility which is used for the review of the SSA Programmes.

IMPACT OF EDUSAT PROGRAMME:

- The launch of EDUSAT programme has helped in providing quality instruction through video programs to students studying in the interior villages.
- The students have benefited from the video programme delivered through the satellite.
- Significant improvement in enrolment and attendance in these schools.
- Reduction in drop outs
- Increased interaction among students and teachers.

FUTURE EDUSAT PROGRAMME:

1. Production of subject wise video films in Kannada (first language) English, Urdu as a minority language, Maths, General Science and Social Science and revision of films.
2. Replacement of Edusat equipment in the existing project schools.
3. Extension of EDUSAT programme in remaining districts.

Satellite Interactive Terminals. :-

ROT provide one way video and two ways audio but SITs have an advantage over (ROT)s with two way facility. All the DIETs have been provided with SIT in collaboration with ISRO and VTU.

SITs have helped SSA and the department in conducting more meaningful interactions with the personnel on the other end. This has increased the commitment and involvement of the district officials. The programmes are useful in training teachers and review the progress of Training

DEP SSA-IGNOU Teleconference

DEP-SSA, IGNOU is a national component of SSA created by the ministry of Human Resource Development, Government of India for providing professional development inputs through distance learning activities to teachers teaching to children of classes 1 to 8th. DEP –SSA conducts training workshops of 2/3/4 days duration. These workshops are for professional development of teachers/master trainers in scholastic as well as co-scholastic areas.

During the year 2012-13 two satellite based Teleconference training programme were organized by DEP SSA, IGNOU, New Delhi.



The two programme conducted in our state were

1. Teleconference training programme on CCE and RTE.
2. This programme was conducted in Bangalore Rural DIET, Rajajinagar from 10.12.2012 to 14.12.2012



Teachers Participating in CCE & RTE Tele Conference Training in Bangalore Rural DIET

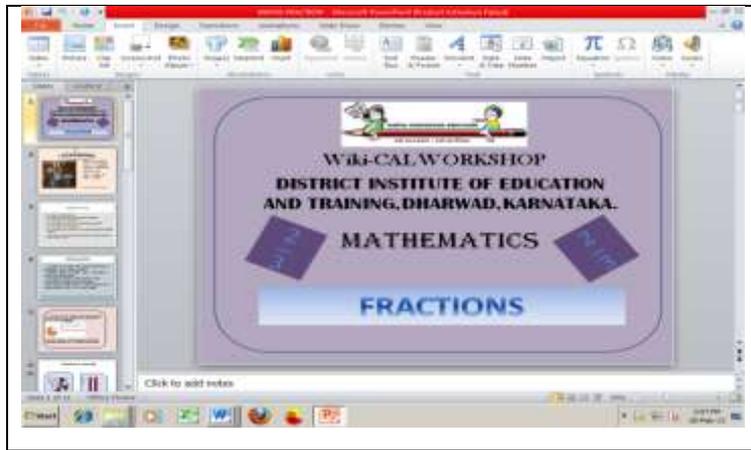
3. 30 Teachers/ Resource persons were participated in the Teleconference.
4. The participants came to know how to adopt CCE in class room transaction and evaluation as an integral part of training and learning process
5. The role of teachers, parents, SDMC and local bodies in implementing RTE in the State.

- The Second teleconference regarding WIKI-CAL Workshop.
- This was organized in DIET Dharwad from 07.01.2013 to 11.01.2013.



Teachers Participating in WIKI-CAL Workshop in Dharwad DIET

- 30 teachers were participated in the Teleconference
- The participants came to know how to use MS word in class room transaction
- Use of Excel in creating student file regarding mars card
- Use of multimedia in Power Point Presentation.



- Teachers were able to prepare Power Point Presentation in subjects such as Kannada, English, Maths, Science and Social studies.



- Overall the teachers were very much impressed as their Power Point Presentation was broadcasted in Gyana Darshan Channel.