

E-Infrastructure R&D projects initiated during Xth and XIth Plan period

Project Title	Pilot Project for Setting up of Infrastructure for establishment of e-class room and e-Teaching Hub using EDUSAT
Executive Agency:	The Institution of Electronics and Telecommunication Engineers(IETE)
Principal Investigator:	Shri S.R.Aggarwal Secretary General & CI
Address:	IETE, 2, Institutional Area, Lodi Road, New Delhi-110003
Phone:	9811835828
Fax:	
Email:	Sec.gen@iete.org
URL:	http://www.iete.org
Project Objectives:	<ul style="list-style-type: none"> • To create e-class rooms and teaching hubs for imparting quality education for Engineering Degree level education. • To study the effectiveness and benchmarking of e-class rooms for engineering degree level education. • To develop a team of Engineers for countrywide implementation.
Achievements/ Outcome	<ul style="list-style-type: none"> • Developed expertise for setting up e-class rooms and teaching hubs. • Trained manpower development for replication work and taking up other similar projects. • Proliferation of e-class rooms infrastructural facilities in India for rural outreach.
Start Date	April 2009
Duration (in months):	12 months + 28 months(extension)
Status of Project:	Project completed on 30 Aug 2011

Project Title	Setting up distance training facility for special educators, parents and other rehabilitation professionals.
Executive Agency:	C-DAC, Trivandrum
Principal Investigator:	Shri P M Sasi,
Address:	Centre for Development of Advanced Computin (C-DAC), P.B. No.6520, Vellayambalam, Thiruvananthapuram – 695 033.

Phone:	9446488085, +91-471-272 3333
Fax:	
Email:	sasipm@cdac.in
URL:	
Project Objectives:	<ul style="list-style-type: none"> • To provide infrastructure facility for imparting distance training for the teachers and other rehabilitation professionals in the field of special education in 100 schools/colleges/institutions in Kerala, Tamil Nadu, Andhra Pradesh and Karnataka. • Devise and implement innovative programs for the parents of persons with Mental Retardation. • Introduce the use of ICT in the process of rehabilitating the children with Mental retardation and associated disabilities.
Achievements/ Outcome	<ul style="list-style-type: none"> • The outcome of the project was Edusat based network of 100 special schools to facilitate distance training to the special teachers, other rehabilitation professionals and parents of mentally retarded children. • The project achieved coverage for advanced training for about 800 special teachers and other rehabilitation professional. • It achieved coverage for advanced training for about 750 trainees in the field of special education. • It achieved coverage of about 7500 children with mental disability. • The project achieved awareness and training coverage of about 15000 present of disabled children. • It enabled introductory training for about 2000 people/couple in early intervention. • Through this project, 200 episodes of contents in the field of MR and other disability were achieved.
Start Date	1 st Nov 2009
Duration (in months):	36 months + 6 months(extension)
Status of Project:	Project completed on 31 May 2013

Project Title	Setting up of Vocational Centre for Skill Creation for disabled Children in the area of IT.
Executive Agency:	ERNET India
Principal Investigator:	Shri .B.B Tiwari

Address:	ERNET India Jeevan Prakash Building, 10 th Floor, KG Marg, New Delhi-110001
Phone:	9818645663, 011-23765378
Fax:	
Email:	bharat@eis.ernet.in
URL:	http://www.eis.ernet.in/
Project Objectives:	<ul style="list-style-type: none"> • To inculcate computer literacy, enhancing educational skills of disabled children. • To provide job-oriented training to the disabled children to enlarge their capabilities for employment
Achievements/ Outcome	<ul style="list-style-type: none"> • The project was implemented in two phases. Duration of Phase I was 2 years(Mar 2005 to Feb 2007), which got extended till November 2009. • Duration of Phase II was 2 years (April 2006 to March 2008) with extension of project duration to March 2013. • 50 ICT Vocational Centers were established in all schools and were operational under Phase I of the project. • All 100 ICT Vocational Centers had been fully setup under Phase II of the project in two sub-phases of 50 each (2009-10) and (2011-12). One extra Center was set-up within the same budget. • Instructors in all 101 schools had been appointed through NAB India. NAB had considered Teachers' training (2 per school) on ICT skills development and use of special assistive tools. • Broadband connectivity had been provided by BSNL.
Start Date Duration (in months):	Phase I - Mar 2005 (24 months + 32 months(extension)) Phase II – April 2006 (24 months + 60 months(extension)) Duration of Phase II was 2 years (April 2006 to March 2008) with extension of project duration by one year each time to March 2013.
Status of Project:	Phase I of the project completed in November 2009. Phase II of the project completed in March 2013.