

Department of Educational Management Information System (EMIS)

The Department of Educational Management Information System aims to undertake research, capacity building activities and to provide technical advice to strengthen the database and Management Information Systems on education in India and across different countries of the World. The Department has been playing important role in strengthening MIS and database on elementary education in India. Recently the Department has taken the responsibility of strengthening MIS of Secondary Education. The Department manages District Information System for Education (DISE) and Secondary Education Management Information System (SEMIS) with support from the Ministry of Human Resource Development (MHRD) and United Nations Children's Fund (UNICEF). Currently, efforts are being made to unify DISE and SEMIS - an initial step towards creation of Unified System of School Education Statistics. In addition, the Department organizes conferences/seminars on issues relating statistics on education and also on contemporary issues confronting education; workshops/training programmes on quantitative methods in educational planning and undertakes research and consultancy with a focus on statistics and educational management information systems.

DISE

The Department initiated DISE with support from the MHRD and UNICEF to collect data on primary education as part of DPEP. The coverage of DISE was extended to cover entire elementary education with the initiation of SSA. DISE now collects data from nearly 1.4 million schools imparting elementary education across the country. DISE collects data on a large number of variables including enrolment by gender, age, social category, religion, etc.,

teachers by gender, social category, age, etc., contractual-teachers, educational and professional qualifications of teachers, in-service training of teachers, incentives to students, TLM grants to teachers, development grants to schools, infrastructure facilities in schools, etc. Recently a few items like number of working days and hours, availability of teaching learning and sports material, etc., were added to monitor the implementation of RTE 2009. NUEPA developed software in-house called DISE to manage the data with built-in provisions to generate generic also user defined reports. The software enables to enter the data at any level - district and sub-district levels and also produce reports. Data from DISE are widely disseminated. The Department brings a series of publications based on DISE data each year. Raw data is also made available to researchers on request. DISE eliminated data gaps and reduced time-lag in the collection and dissemination of data greatly.

SEMIS

Recently, the Department has also been assigned the responsibility of SEMIS. SEMIS collects data on a number of variables like enrolment by gender and social category, infrastructural facilities in schools, teachers by gender, social category and subjects, etc. The Department is planning to bring out publications based on SEMIS data. It restructured software to enable data entry offline and report generation. The SEMIS is still in the nascent stage and a long way to go.



U-DISE

An Expert Group on Creation of Unified System of School Education Statistics constituted by the Ministry of HRD recommended that the parallel systems of data collection on school education should be integrated into a single system. The faculty members of the Department are actively involved with the Expert Group. The Expert Group recommended that DISE and SEMIS may be integrated as first step towards creation of Unified System of School Education Statistics. The Department is making efforts in this direction under Unified-DISE. It is expected that all the States and UTs will adopt U-DISE from the year 2012-13. The Department is committed to provide technical and software support to all states. A number of workshops on Unified DISE have been recently organized by the Department.

Training Programmes/seminars/Workshops

Some of the training programmes/seminars/workshops organized by the Department in the recent past include:

Training Programmes

- Use of Quantitative Techniques in Educational Planning
- Sensitization Programmes on DISE through EDUSAT

Seminars/Workshops

- National Seminar on School Education Statistics
- National Workshop on Using DISE Data in Educational Research
- National Workshop and Expert Meetings on School Records
- Workshops on Unified System of School Education Statistics
- Technical Workshops on DISE Software at NUEPA and in several states

In addition, the Department is responsible for a Course on Quantitative Methods in Educational Planning as part of DEPA and Courses on Quantitative Methods in Educational Planning and Educational Management Information System as part of IDEPA. The Department has also organized tailor made capacity building programmes in the area of EMIS and statistics on education for third world countries including Cambodia.

Research

Several research studies were undertaken by the Department. Some of these include Post-Enumeration Survey of DISE data and Education in Left Wing Affected Districts,

Publications

The following publications are being brought out annually from DISE

Annual Publications

1. Elementary Education in India: Progress towards UEE: DISE Flash Statistics
2. Elementary Education in Rural India: Analytical Tables (Web-enabled)
3. Elementary Education in Urban India: Analytical Tables (Web-enabled)
4. Elementary Education in India: Where do we stand?, District Report Cards, Volume I
5. Elementary Education in India: Where do we stand?, District Report Cards, Volume II
6. Elementary Education in India: Where do we stand? State Report Cards (Web-enabled)
7. Elementary Education in India: Progress towards UEE; Analytical Report
8. Elementary Education in India: Progress towards UEE, Analytical Tables

Forthcoming

Educational Status of Muslim Children at Elementary Level: Insights from DISE
Secondary Education in India-2010-11

In addition, individual faculty members also publish books and articles in journals.

Policy advice

The faculty members of Department have rendered policy to Government of India, and to several state governments. The faculty members of Department were on several committees like Review Committee on Educational Statistics, Expert Group on Creation of Unified System of Data Collection for School Education Statistics.

Consultancy

The faculty member of the Department have provided consultancy services to several third world countries like Ghana, Cambodia, Sudan etc. and to agencies like JICA, UNESCO, UNICEF etc. on EMIS and Statistics on Education.

Visits

The faculty members of the Department have visited countries like Spain, Ghana, Cambodia, Singapore, Sudan, Jordan, Thailand, Nepal, etc in the recent past.

Faculty

Prof. Arun C. Mehta

Arun C Mehta, Professor & Head is Ph.D (Demographic Projections) and is working in NUEPA for the last more than three decades. For the last one decade, he is actively involved in the strengthening of EMIS in the country. Projections and forecasting of educational data, use of indicators in educational planning and data analysis are his other areas of interest.

Y. Shrikanth

Yagnamurthy Sreekanth, Associate Professor is Ph.D., (Geography) from Sri Krishna Devaraya University, Anantapur and Post-graduate in education and a graduate of law from Bangalore University. His areas of interest are school education, education under public and private sectors, educational quality and accountability.

Anugula N. Reddy

Anugula N. Reddy, Assistant Professor has a background in Education and Statistics. His areas of interest include financing and privatization of education and EMIS and statistics on education. He was involved in the estimation of additional resources required to implement RTE in 2005 and 2009. His recent publications include Financing of Secondary Education, School Dropouts or Pushouts?

Contact

Shri

E-mail:

Phone: (91-11) 26962120, 26962126, 26962335,

Fax: (91-11) 26853041, 26865180



**National University of
Educational Planning and Administration**

17-B, Sri Aurobindo Marg, New Delhi-110016, INDIA

www.nuepa.org



DEPARTMENT OF EDUCATIONAL MANAGEMENT INFORMATION SYSTEM

