

INFORMATICS

I NEWS

Information Network for Osmania Varsity Colleges

Osmania University proposes to set up Information Dissemination Centre (IDC) with an investment of Rs.15 lakhs, which will cater to the information needs of various engineering and computer sciences disciplines. One objective of IDC will be to acquire recent authentic and scholarly international and national publications of repute, expensive courseware, instructional videotapes, dissertation and software library programmes and to disseminate technical information to the member colleges, through Electronic Mail (E-Mail) system.

New Professional Courses at Osmania University

The Osmania University proposes to start nine professional courses for post graduate students from the ensuing academic session. These one year post graduate diploma will be in Material Science and Technology, Digital Signals and Image Processing, Radar Communication and Technology, Radiation Physics, Medical Bio Technology, Microbial Gene Technology, Plant Bio Technology.

In addition, a three semester M.Tech course in Applied Chemical Technology and P.G.Diploma in Food Preservation and Food-Technology (One year Post B.Sc.) are also proposed to be started.

Tech Services Co For IITs Expertue

IIT Jan General services Ltd. (IGSL) is a company formed jointly by five IITs and their alumni for harnessing the technical talent and know-how developed in IITs the company would offer several technological services to Indian and foreign customers generally not available from other engineering services with the help of multi-disciplinary technological experience of the alumni of IITs.

Panel for science & Technology

The GOI has set up a cabinet committee as science and Technology (CCST) tender the chairmanship of the Prime Minister, to provide policy directives and approve integrated programmes, key areas in industry, agriculture and economic sectors.

New P.G.Engineering Course

The Bangalore University Visvesvaraiah College of Engineering (UVCE) has introduced P.G. Courses in Power Electronics, Computer Engineering and Computer Science.

IIT Delhi Develops New Technologies

The IIT Delhi has developed new technologies printing technologies, for polyster, cotton, blended fabric, automatic test system for telecommunication cables and panel processing software for universal interlocking for railways. The new technologies are competitive in cost, quality.

IIT Delhi Plans New P.G. Course

A New inter-disciplinary P.G.degree Master of Designs (M.Des.) is being launched from ensuing academic session at Delhi IIT. The two year programme is aimed at developing manpower in industrial design capable of creating high quality user sensitive designs for the competitive markets. The admission will be through common entrance test and open for Engineering and Architecture graduates.

II VIEWS

Indian Education System - Need for change -

Speaking at the second National debate on "Indian Education System-Need for Change". Prof.C.N.R.Rao Director Indian Institute of Science Bangalore remarked that "Time has come to be practical and we cannot continue with outmoded examination system and bad quality of education available. It has never gone above mediocrity. And one reason for it was that investment in education was pathetic and in higher education practically nil." He decried that quality of teaching was bad at all levels in the country. He suggested that vocational training, public movement, new examination system aimed at testing the real ability of the student were the solutions.

Intensification of IN-HOUSE R & D in Industry

The Minister, of State for Industrial development, Mrs.Krishna Sahai, at the seventh National Conference on In-house R & D in Industry exhorted the industry that it should concentrate on technology absorption right from the early stages of technology acquisition, which alone would enable it to be technologically self-reliant instead of depending upon technology from abroad. She insisted that the industry had to shoulder the major responsibilities of technology development and technology management. It was imperative that industrial enterprises establish their own inhouse R & D Units for developing cost-effective and quality conscious technologies

A National Fund for Education

Dr.M.Anand Krishnan V.C. Anna University stressed the need for a National Fund with a capital base of Rs.1000 crores for education on the lines of the IDBI as the Government was unable to offer adequate resources. He further said that current liberalised scenarior would give flexibility to technical education and the engineering institutions should address themselves to the requirements of industry and upgrade the manpower training. He pointed out that Anna University was doing this for the sugar industry and was pursuing projects in relation to aquaculture and the needs of units in the Ambattur industrial estate.

III NEWS from ABROAD

Computer Software Substitutes Human Blood

Human blood, an essential ingredient in many biological experiments, has been eliminated from the teaching programme at Perth's Curtin University where two lecturers have developed a computer software. Sulstitute for the real thing. With the risks posed by AIDS and other

bloodbased diseases, it has become increasingly difficult to manage traditional practise of blood use in experiments and tests. A multimedia, interactive systems called to Osmosis programme devised by Georgina and Sue Fyte eliminates this risk.. The Osmasis programme simulates on screen the practical laboratory experiment which tests blood cell reactions to various concentrated solutions.

Careers in construction Technology

The Department of Timber and Construction of the Buckinghamshire College. (Brunel University UK) offers (i) B.Sc. (Hons./Building Processes (ii) HND Building Studies Course at (i) a three year degree programme combines traditional skills with modern methods and useful for those prepping for a challenging career in production and management in Building Industry... No (ii) Course is for those intending to work in Building Management or Building Design and is a three year sandwich course.

IV Forthcoming Conferences

Proposal dates	Title	Objective	Names of the Organisator	Name of Contact Officer
June1-3 1994	Seventh Annual Conference of the All India Association of Educational Research	Theme : Innovations in Education	Foundations of Education. Jamia Millia Islamia	Dr.(Mrs.)G.M. Miyah,Reader Dept.of Foundations of Education. Jamia Millia. Islamia New Delhi-110025
Oct 6-13 1994	Course on Research Methodology	To provide basic technique of qualitative and quantitative data collection and analysis including research design & report writing	Indian Social Institute New Delhi	Co-ordinator Trg. programmes centre for reseanable trg. & Action for social,economi development 10,Institutional area, Lodi Road New Delhi-110003