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A WEEKLY SUPPLEMENT WITH THE NEW INDIAN EXPRESS

education express

ALERTS

SDM INSTITUTE FOR MANAGEMENT DEVELOPMENT, MYSORE

COURSE NAME: Post Graduate Diploma in Management (PGDM)

ELIGIBILITY: Three-year Bachelor's degree or its equivalent in any discipline from any college recognised by AICTE or AIU, with minimum 50 percent marks in aggregate or equivalent CGPA. Those appearing for their final year Bachelor's degree examination in April / May 2010 may also apply, provided they complete their final degree examination and meet other requirements before the commencement of the course in the first week of June 2010.

HOW TO APPLY: Obtain SDMIMD's 'Application Form: PGDM 2010-12' from various Coaching Centres or select branches of HDFC Bank, by paying an application fee of Rs. 1350. Applicants can also download the application form from the SDMIMD website and send a Demand Draft of Rs. 1350/- in favour of SDM Institute for Management Development payable at Mysore along with the form.

For downloading application forms, the list of centers and more information, visit: <http://www.sdmimd.ac.in>

Last Date: 08-12-2009

Balaji Institute of International Business (BIIB), Pune

COURSE NAME: PG Diploma in Management (PGDM - International Business)

ELIGIBILITY: A Graduate from any statutory University with a track record of 60 per cent of marks ie minimum of 60 per cent in 10th std, 12th std and Graduation, (55 per cent for SC/ST and physically challenged candidates). Candidates appearing for the final year Degree examination up to June 2010 can also apply.

HOW TO APPLY: Application form and Prospectus for the programme of choice can be obtained in the below-mentioned ways: 1. By Hand: Remit Rs 1500 by cash at the Institute's Admissions office between 10 am - 5 pm. 2. By Post/ Courier: Send a Demand Draft for Rs 1550 drawn in favour of "President, Sri Balaji Society, Pune". Write the name and address of the applicant on the reverse side of Demand Draft. For more details, log onto www.biiipune.com

Last Date: 28-01-2010

BLDE University (BU), Bijapur

COURSE NAME: Doctor of Medicine (MD) (Comm Medicine)

ELIGIBILITY: The candidates seeking admission to these courses should have passed MBBS from the college recognized by Medical Council of India. 2. As specified by Medical Council of India, the minimum percentage of marks in the entrance test for eligibility for admission to Post Graduate courses shall be: a) General category-50 percent b) SC/ ST/ OBC (OBC as declared by Government of Karnataka from time to time) category 40 percent c) Candidates with 40 to 70 per cent locomotor disability of lower limbs (as certified by competent issuing authority) category 45 percent. 3. The candidate should have completed the compulsory rotating internship / would be completing by 30th April 2010. 4. Foreign / PIO / NRI students need not appear for BLDEU-PGET-2010. Their admission will be based on qualifying examination marks.

HOW TO APPLY: Ensure that a) The Demand Draft for Rs 3,000 is drawn in favour of The Registrar, BLDE University, Bijapur-586103 b) Ensure that the DD is payable at Bijapur, Karnataka- PIN-586103. Please note that this fee is non-refundable, even if the application is rejected for any reasons (because of incomplete information or ineligibility of the candidate) or if the candidate does not appear for the Entrance Test.

Application forms can be downloaded from the website. www.bldeuniversity.org

Last Date: 02-01-2010

National Productivity Council (NPC), Chennai

COURSE NAME: Certificate Course in "Lean Manufacturing Techniques" (CCLMT)

ELIGIBILITY: Graduate in any branch of Engineering / Technology or equivalent Candidates with experience preferred.

HOW TO APPLY: Write to Head (AIP), Dr Ambedkar Institute of Productivity, National Productivity Council No 6, SIDCO Industrial Estate, Ambattur, Chennai - 600098.

Last Date: 15-12-2009

INFORMATICS, a road less traveled!

THERE are careers anew which one can explore outside the regular streams of education. While unconventional paths are certainly booming, there are newer avenues that one could further specialize in, in their field of study. Informatics or the science of information is one such road less travelled but promises a plethora of opportunities. Here is a sneak peek:

"The science and technology of information storage, access and analysis which I would say qualifies informatics covers many areas including bioinformatics, cheminformatics, artificial intelligence, social science etc. There is tremendous research potential and a growing number of applications. As a career prospect, the major areas associated with this are teaching, research, services and product development," explains Prof S Krishnaswamy, Coordinator, Centre of Excellence in Bioinformatics at the School of Biotechnology in Madurai Kamaraj University.

Informatics, the science of information studies the structure, algorithms, behavior, and interactions of natural and artificial systems that store, process, access and communicate information. The central notion is the transformation of information - whether by computation or communication, whether by organisms or artifacts. In this sense, informatics can be considered as encompassing computer science, cognitive science, artificial intelligence, information science and related fields, and as extending the scope of computer science to encompass computation in natural, as well as engineered, computational systems.

In this article today, we are exploring geo-informatics, bio-informatics and health-care informatics-three promising fields of study under informatics. But remember, there is more.

Geo informatics

Geo informatics is keeping track of geographical changes, observing geographical and natural phenomenon to be able to predict a better future for utilization of natural resources. "Geographical information can be applied in various fields. Climate changes can be predicted, global warming can be kept track of, data on national and natural resources can be collected alongside applications of infrastructure management. It is basically a spatial decision management tool," explains TP Singh, asst professor at the Symbiosis Institute of Geoinformatics, Pune.

There are very few colleges and institutes that offer a degree in geoinformatics simply because the infrastructural costs to set up one is high. At the Anna University in Chennai, the Institute of Remote Sensing (IRS) was established and is one of its kind in the southern region. "Remote sensing is all about extracting natural information on availability of resources which can be put to use for further planning. For instance, if you can determine the amount of rainfall that a particular region receives, you can plan the plantations and radical changes in lifestyle of communities settled in those areas. Determining soil types can tell you what kind of crops will make for the best yield in those regions etc," explains Professor Vidhya at the Institute of Remote Sensing in Anna University.

Jobs in this field of study are aplenty with only 20 per cent of the manpower requirements being met now. At the Symbiosis Institute placements have been 100% ever since the courses commenced in 2004. Anna University's Institute of Remote Sensing boasts of similar recruitments. "There are currently only 500-700 students passing out from this specialization but that's filling only 50 per cent of the industry requirements, explains Prof Singh. Dr Ramalingam, director of the IRS highlights that even under graduates in this field of study as freshers start at a pay scale of Rs 40,000-Rs 70,000.

"Jobs are plenty in private and government sector. We regularly work with ISRO, Infosys, Wipro etc while helping government departments with useful information. Students with an engineering background find better opportunities. Sadly, only 15 per cent of students know that such a course even exists," explains Prof Singh.

Indicative listing of institutions offering GIS courses:

- Indian Institute of Remote Sensing, Dehradun: M Tech, M Sc, Post Diploma courses and certificate course in GIS and Remote Sensing.
- Anna University: BE Geoinformatics, ME Geoinformatics and M Tech, Remote Sensing.
- Jawaharlal Nehru Technological University, Hyderabad: M Tech in Spatial Information Technology.
- PSG College of Technology, Coimbatore: Continuing education programme in GIS. GIS is also taught at UG and PG level in Civil Engineering.
- IIT-Roorkee and IIT-Mumbai: M Tech in Remote Sensing.
- Bharathidasan University, Madras University, Annamalai University and Madurai Kamaraj University: M Sc programme in Remote Sensing and GIS.
- National Remote Sensing Agency, Hyderabad; Survey of India, Dehradun; Geological Survey of India, Kolkata: Training in Remote Sensing and GIS.
- GIS Institute at NOIDA and ESRI India, New Delhi: Training programme in GIS.

Bio informatics

Bioinformatics pertains broadly to application of the generation, storage, access and analysis of information related to biology. It now covers genomics, proteomics, functional and structural genomics/proteomics, pharminformatics, population genomics, biodiversity and systems biology.

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There is a plethora of opportunities outside the regular streams of education. Informatics is one that offers a wide range career options says Mamta Todi

Indicative listing of international online courses:

1. <http://gunston.gmu.edu/healthscience/OnlineCoursesFocussedOnInformaticsAndElectronicHealthRecords.htm>
2. <http://www.online.uillinois.edu/catalog/ProgramDetail.asp?ProgramID=34>
3. <http://www.wvrhep.org/informatics/>
4. <http://oedb.org/online-programs/health-medical/health-informatics>
5. <http://www.healthinformaticsblog.com/health-informatics-education/>
6. <http://www.selectcourses.com/health-informatics-degree.html>
7. <http://www.worldwidelearn.com/health/health-care-administration/health-information-technology/>

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Duration: 2 years
Affiliation: Vignansaraya Technological University (VTU)

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NOTE: Candidates with work experience & extraordinary accomplishments (academic & extra-curricular) are eligible for scholarship. For more information, updates, deadline & video presentation of PES campus, check www.pes.edu or Email: mba@pes.edu

