



'Green Technology for Safe Future' IIITM-K at 21st Swadeshi Science Congress

The 21st Swadeshi Science Congress jointly organised by the Swadeshi Science Movement and CPEC Laboratory and Technical Division of Cashew Export Promotion Council of India (CPECI) was held on 7-9 November 2011. Dr Elizabeth Sherly, Director, IIITM-K was the chief guest, in the Valedictory function and Dr C.S.P. Iyer, Emeritus Professor has given the felicitation. She talked about the topic "Green Technology for Safe Future". In her speech, she touched upon Green technologies such as renewable energy sources, low carbon energy, smart power grids, environ-



mental friendly products like plastic free environment, but more emphasised on the new Green Computing models in IT for

aligning all IT processes and practices with the core principles of sustainability, which are to reduce, reuse, and recycle; and finding innovative ways to use IT in business processes to deliver sustainability benefits across the enterprise and beyond. One of the new computing model, Cloud computing is a best example as IT going to Green. This is simply by using less hardware to house an organization's IT needs, the better it is for the environment. She also pointed that now mobiles are considered as the "New Generation Silent Dying Technology" and the mobile hazards and its implications when going be-

yond permissible limit of radiation. The need for strengthening more awareness programmes and the guidelines and policies in this regard is also highlighted. She concluded that however, the UN studies reported that the life expectancy is increasing steadily in the developing countries in the 21st century, so the use of Technology benefits today greatly and makes more comfortable in life. The highlight of the SSC was Dr V B Panicker received the Swadeshi Sastra Puraskaram - 2010; 2011-International year of Chemistry & Forests, C.V Raman Memorial lecture, Young scientist Award, Madam Curie Award and Special Award for paper presentation. The congress also included technical sessions by eminent personalities from various departments of government and the industry.

IIITM-K Participates in the National Seminar on e-governance on Akshaya Day

A National seminar on e-governance with the theme "Enabling Akshaya is Empowering Kerala" organised by Akshaya, on 18th November 2011. Akshaya is India's first-of-its-kind ICT programme for the masses, Dr. Elizabeth Sherly took a session on Bridging the Linguistic Divide in Computing. She emphasized that dissimilation of information and knowledge using ICT could reach to every corner only if it's available in Local languages. So Localization is a key indicator and a rime mover for a success of an e-Governance project. Adoption of W3 standards, UNICODE and Web Accessibility Initiatives complaints would automatically support some of the major issues like interoperability, renegeing and accessibility of applications across various platforms. She also emphasized that Future web based applications need to be developed in such a way that applications should be inter operable for seamless access of knowledge. W3C develops such technologies with specifications, guidelines, software and tools.



Joint Advisory group and faculty meeting of Ecological Informatics

Joint Advisory group met at IIITM-K on 10 Nov 2011 and reviewed progress of ongoing M.Phil programme in Ecological Informatics and the MSc course in Ecological Informatics course planned next year. The Advisory Board has experts in the field viz Prof. (Dr.) P.S. Ramakrishnan, INSA Hon. Senior Scientist, School of Environmental Sciences, JNU New Delhi, Dr. V.K. Dadhwal, director, NRSC (ISRO), Hyderabad, Prof. (Dr.) T.V. Ramachandra, Professor, Centre for Ecological sciences, Bengaluru and Dr. B.R. Ramesh, Director of Research, The French Institute, Pondicherry. Prof. Elizabeth Sherly, Director IIITM-K, Prof. CSP Iyer, Professor Emeritus, IIITM-K and Dr. R. Jaishanker, Coordinator Ecological Informatics represented IIITM-K in the discussions.



SDMML'11 Short course conducted in IIITM-K

The 2nd workshop on data mining and machine learning (SDMML'11) was successfully conducted at IIITM-K between 14th and 18th November 2011. This is the second in the series of data mining courses planned for the coming years. The focus theme for this round of course was "pattern classifiers", that included neural networks, fuzzy logic, nearest neighbours and metric learning, HMM, and SVM classifiers. The course attracted participants from industry, academia and student community alike, and provided them with insightful foundations in data mining. The main lectures were delivered by Dr. Joseph S Paul (IIITM-K), Dr. Elizabeth Sherly (IIITM-K), Dr. Alex P James (IIITM-K), and Dr. Asharaf S (IIM-Kozhikode). In addition, Mr. Rajeev RR, Research scholar demonstrated the use of data mining in computational linguistics and company representatives from flyTXT demonstrated a mobile advertising application of data mining. Dr. Alex P James (IIITM-K) coordinated the course.



IIITM-K wins Intel Educational Grant

As part of the Intel Embedded University Programme, IIITM-K has been awarded 20 Intel Atom Embedded development Boards and a grant to conduct workshops and internships in Embedded system. Mrs. Sajana Ranjit representing Intel visited IIITM-K Embedded Lab, and addressed students to take part in upcoming Intel Embedded challenge. She also presented various career options available with Intel for the student actively engaging in Embedded systems projects. Dr. Alex P James from IIITM-K who is the principal investigator for this programme addressed the students and invited the students to take part actively in the design and development of Embedded projects through implementations of Intelligent systems and Embedded solutions for socially relevant problems, which are the two main themes of Intel Embedded University Programme.



Open Defence of Ph.D Thesis

The Open defence of Mr. Sanil Shanker K.P, Ph.D student on the topic "Sequential Pattern Matching in DNA Sequence using Logical Match" was held in Novemr 21st at Department of Computer Science, University of Kerala. Prof (Dr.) Kamala Krithivasan, Department of Computer Science and Engg, IIT Madras was the chairperson of the open defence. Chairperson declared the passing of open defence to the audience of 115 participants. Dr. Elizabeth Sherly was the supervising guide of the work. Mr. Sanil has got 6 papers to his credit.

Short course and Workshop announcements

● DST National Workshop on Medical image computing - NWMIC-2011, Dec. 12-17, 2011 ● Capacity Building in ICT Mediated Pedagogies - C-BICT. (20 seats only) Dec 19-20,2011 ● National Conference cum workshop on scientific computing, NCSC - 2012, Jan 11-14, 2012

for more details visit <http://www.iiitm.ac.in/nsc2012/>
for details and online registration visit: www.iiitm.ac.in

Invited Talks & Publication

Dr Elizabeth Sherly and Dr. Jaisanker -ICT and Climate Change organized by International Centre for Free and Open Source Software (ICFOSS) along with CESS and INGCORE on 19th November 2011.

Placement

Vidhu Priya V.P., Greeshma Nair, Christeena Joseph, Divya M.S. and Simmy Suresh of MSc.(IT) - 2012 batch received placement offers from TCS during the placement interviews conducted on 24.10.11. Our Hearty Congratulations!!

