

Academic Year 2016-2017

NATIONAL CONFERENCE 'LISDA 2016'



Department of CSE in association with TIST Library organized a National Conference on "Innovative Library Services in Digital Age's LISDA-2016 on 1st and 2nd July 2016. The 2 Day Conference was inaugurated by Mr. T C Mathew, Vice president of BCCI, and presided over by Prof. Dr. P J Joseph, President, Toc H Public School Society. Dr. A Ganesan, Director, Knowledge Resource Centre, PRIST University, Thanjavoor delivered the keynote address. On both the days, many distinguished people from reputed institutions all over India attended as leading presenters and delegates.

INTERCOLLEGIATE EVENT: TECH FOSS 2K17

The Department of Computer Science and Engineering, jointly with IEDC (Innovation and Entrepreneurship Development Cell) of TIST, in association with the Computer Society of India, organized a two day intercollegiate technical event 'TECH FOSS 2K17' on 17th & 18th February 2017. The chief guest of the day was **Mr. Sijo Kuruvilla George, Founding CEO @ Technolodge**. He officially declared the launch of the two days program and delivered the keynote address on 'Entrepreneurship and Challenges'.



The major highlight of Tech FOSS was the **MAKER EXPO**, an initiative by TIST IEDC, to promote development of open source based tools. **Two days WORKSHOPS on ANDROID, RUBY ON RAILS ON RAILS AND PYTHON DJANGO** were conducted as a part of promoting open source usage among students. The main contests were an Android – My First App Challenge. There were more than 250 participants for maker expo and 94 participants for the workshops, including more than 25 participants from external colleges across Kerala.



FDP ON SECURE CLOUD COMPUTING

Department of Computer Science & Engineering of Toc H Institute of Science & Technology, Arakkunnam in association with Computer Society of India (CSI) conducted five days Faculty Development Programme on "Secure Cloud Computing" from 13th to 17th June 2016. **Ms. Asa John, Cloud Solution Architect, TCS, Infopark, Kochi** inaugurated the programme. The inaugural function was presided over by Dr. D Vincent H Wilson, Principal, Toc H Institute of Science & Technology. Dr. Varghese Paul, Dean (CS & IT) and Asso. Prof. Sreela Sreedhar, HOD-CS felicitated the gathering. In this advanced world of technology, cloud service is continuing as a matter of risk because essential services are often outsourced to a third party, which makes it harder to maintain data security and privacy, data and service availability, and demonstrate compliance. The programme focused on research issues related to cloud security. Expert faculty members from IIITM-K Thiruvananthapuram & other reputed engineering institutions, industrial experts from TCS Cochin and UST Global served as resource persons on various aspects of secure cloud during these days. Hands-on sessions on cloud by experts from Kerala Start Up Mission were also included as part of the FDP.



The sessions were as follows:

- **Introduction to Cloud Computing** – Ms. Asa John, Cloud Solution Architect, TCS, Infopark, Kochi.
- **Block Chains & its Application to Cloud Security** – Dr. Tony Thomas, Assistant Professor, IIITM- K, Thiruvananthapuram.
- **Session on Cloud Services (AWS)** – Mr. Krishna Kumar Gopinathan, Cloud Solution Architect, UST Global, Cochin.
- **Research Issues in Cloud** – Dr. Sangeetha Jose, Assistant Professor, Dept. of IT, GEC Idukki
- **Virtualization and Private Cloud** – Mr. Pankaj Kumar G, Assistant Professor, Federal Institute of Science & Technology
- **Cloud Security (Amazon Cloud Services)** – Mr. Shahul Hameed, Fellow at Kerala Startup Mission

FDP ON R PROGRAMMING BY ICTAK

Department of Computer Science and Engineering, in association with ICTAK organized a three day Faculty Development Programme on 'R programming' from 13th – 15th December 2016.

FDP ON FREE AND OPEN SOURCE SOFTWARE (FOSS)

Department of Computer Science and Engineering, in association with Computer Society of India organized a three day Faculty Development Programme on 'Free and Open Source Software' from 16th – 18th December 2016. Main objective of the FDP was to provide a platform for participating faculty members to get an exposure in FOSS environment and hence enable students to use open source packages for development and research. Hands-on sessions on Linux Commands, Shell Programming Version Control using GIT, Text Processing tools – Perl, Awk GUI programming, Familiarize Virtualisation Environment ,PHP – Application deployment on a cloud-based LAMP stack/server, Kernel Configuration, Compilation and Installation, Installation of various free software packages were conducted.

Industry Internship Program for S3 Students on Web Development (HTML/CSS) from 20th June- 2nd July 2016

Industry Internship Program for S3 Students on Web Development from 20th June – 2nd July 2016 conducted by Zixent Technologies LLP, Technolodge Piravom in association with CSI Student Chapter and Technolodge Piravom.

Motivational Session on Digital World and My Possibilities on 18th August 2016

Mr. ANOOP ALEX KOSHY, ME (IISc) Chief Consultant, NueTech Consultants Ltd., Thiruvananthapuram (Former Master Trainer – IT & Life Skills, ICTAK & Senior Project Manager, Infosys Technologies Limited) delivered a talk on 'Digital World and my Possibilities' to CSE students on 18th August 2016.

One day workshop on Cyber forensics was conducted by Mr. Jacob Jose, Head of Security Engineering, Gladius and SCHILD security consulting on 21st October 2016.

CDAC Short Term Training for S6 CSE from 14th December to 21st December 2016

One week hands on training on DBMS based projects was conducted by CDAC team for the S6 students from 14th December to 21st December 2016.