2014-'15

INTERCOLLEGIATE EVENT: TECH FOSS @ TIST:

Department of CSE, in association with the *Computer Society of India*, organized a two day national level technical event **'TECH FOSS 2K15'**, an open source promotion initiative, on 26th & 27th February 2015. The chief guests were **Dr. K C Chandrasekharan Nair** *(Associate Principal Consultant, KITCO Ltd.)*, **Prof. M B Santhosh Kumar** *(Hon. Secretary of CSI Cochin Chapter, Professor, Dept. of IT, SOE, CUSAT)*. A major highlight of the inaugural ceremony was an **Entrepreneur's Meet**, where TIST CSE alumni who have succeeded as entrepreneurs interacted with the students. Mr. **Sabarish Prakash** of 2007-'11 batch, who is the CEO of **SectorQube TechnoLabs** along with his team mates Mr. **Biniyas V L** (CTO) and Mr. **Midhun Skaria** (CTO), **and Mr. Jibin Jose** of 2010-'14 batch, who is the CEO of **Flip Technologies**, shared their experiences with students. CSI award winners and office bearers were honoured during the event.

As an initiative to promote open source usage among students, three free workshops were conducted.

- **Workshop on Python:** One day workshop conducted by **Mr. M V Sankaran Namboodiri** *(CSE Alumni)* (Python Developer, Turbolab and ICFOSS, Student Ambassador), and Mr. **Jerin Mathews** (S6 CSE TIST, IEEE Student Ambassador).
- **Mozilla Webmaker Workshop:** Conducted by the resource persons from **Mozilla**. Stream 1 focussed on basic web aspects like html and css for a beginner and Stream 2 focussed on advanced web concepts - firefox OS app development.
- **How to be a Maker?:** An interactive and motivational workshop providing information on how to create new useful gadgets and connected devices using

Arduino and other open source alternatives. **Mr. Arvind Sanjeev** *(Serial Innovator, DIY Hacking, Chief Inventor & Founder A.R.S.Devices, SVsquare-Rajeev Circle Fellow)* interacted with students and urged them to strive for gaining technical knowledge by taking a pragmatic approach with respect to technology.

Three contests and a game zone were also organized.

- **Open Source Olympiad** (Code Debugging and Open Source Quiz) in association with *Edumitra Intellectual Services*
- **Open Source Hardware project competition** - showcased innovative projects built on open source tools and platform.
- **Mobile App Contest and App Idea contest** – showcased the implemented mobile/system applications as well as implementable ideas that can be built on open source platforms.

FDP on Advanced Trends in Computing and Programming

Dept of CSE in association with Computer Society of India organised a five day faculty development programme on Advanced Trends in Computing and Programming from 17th to 22nd June 2015. The programme was inaugurated by **Prof. Dr. Ajith Abraham**, **Director, Machine Intelligence Research Lab, USA**. Sessions were handled by experts from prestigious universities and organizations.

- o **'Cloud security challenges'** - Prof. Dr. Ajith Abraham, Director, Machine Intelligence Research Lab, USA.
- o **'Python Programming'** - Asst. Prof. Jestin Joy, FISAT.
- o **'Database Design and Programming with SQL'** - Asst. Prof. Anuraj C K and Asst. Prof. Abin Oommen Philip, TIST.
- o **'Research Trends in Informatics, Computing and Communication'**- Asst. Prof. Mima Manual and Asst. Prof. Mithu Mary George, TIST.
- o **'Android Application Development'**- Asst. Prof. Panchami V, TIST

Motivational Session on Entrepreneurship and Innovation

Mr. Jibin Jose, CEO, FLIP Technologies *(CSE Alumni)* interacted with S3 students regarding the importance of innovation and entrepreneurship and shared his experiences as an entrepreneur, on 7th July 2014.

Technical Talk on Soft Computing

Dr. Lajish V L, HOD, Dept of CSE, Calicut University delivered a talk on 'Soft computing for Intelligent Image Processing' for S5 students on 16th July 2014.

Workshop on Java

CSE Dept. organized a two days workshop on Java and JEE applications for S7 students on 17th -18th July 2014. Mr. Anil Kumar of Think Force handled the sessions.

Session on 'How to tackle interviews?'

Mr. Pramod C Menon, Technical Lead, Wipro Technologies, addressed the S7 students regarding the tips and tricks to tackle interviews, on 17th Oct 2014.

Session on Employability Enhancement

Mr. Sudheevan K J of Indian Institute of Job Training conducted a session on employability enhancement for S6 CSE on 4th December 2014.

Workshop on JAVA

Two days workshop organised for S4 CSE students on 11th and 12th December by Mr. Emil Kuriakose of Cyber Prism.

Android Workshop

Workshop on Android App Development was conducted by Brain Bitz in association with CSI Student Chapter TIST, on 28th May 2015 to 5th June 2015. The sessions were handled by Mr. Rakesh Ramanadhan and Mr. Sam V George, which included basics of Java Programming and Android App development for various applications used widely.

Talk on Recent Advances in Multicore Interconnection Networks

Prof. John Jose, Department of CSE, RSET briefed on various multicore/ multiprocessor interconnection networks and its present technological advances to M.Tech students, on 23rd September 2014.

Talk on Research Methodology

Dr. N. Krishnan (Professor, Centre for Information Technology & Engineering Manonmaniam Sudaranar University, Tirunelveli) delivered a talk on 'Research Methodology & How to Prepare Research Paper: A Guide for New Authors' for M.Tech students on 10th October 2014.

Workshop on Data Security

Two days workshop on Data Security was organized for M.Tech students by Mr. Arun R Krishnan of BlueShell Security on 13th and 14th November 2014.

Technical Session on Information Security and Cyber Crime Awareness

CSI organised a one day technical session on Information Security and Cyber Crime Awareness on 6th May 2015. **Mr. Jayakumar P P**, an expert Senior Civil Police Officer of Cyber Cell, Alappuzha was the resource person. He detailed on *'Cyber Crime and Information Technology Act 2008'* in the morning session and *'Citizen Centric Services through eGovernance and Information Security'* in the afternoon session. The event aimed to create a general awareness among the participants to safeguard themselves from falling victims to cyber crimes and IT frauds.