NATIONAL LEVEL ANNUAL SEMINAR SERIES: BYTECLIX 2016

19/12/ 2016

Organised by: Department of Computer Science and Applications

The 4th track of Byteclix was conducted by Department of Computer science & Applications on 19 Dec 2016. Chief Guest of the event was Dr. V. Bhuvaneswari, Asst.Professor, Dept of Computer Application, School of Computer Science & Engineering, Bharathiar University, Coimbatore.

The first Technical session was handled by Dr. V. Bhuvaneswari madam on the topic "SMAC "Smart/Social Mobile Analytics Cloud. In that class we discussed about era of knowledge i.e., Big Data era (2012 The Year of Big).Big Data can be structured, unstructured, semi-structured format. Also we discussed about emergence of social n/w, How Big Data is analyzed? , Problems of Big Data, 6 vs. of big data such as volume, velocity, variety, veracity, value, validity .And also discussed about cloud computing & its advantages, Big Data is the technology introduced by Google & maintained by Apache, its symbol is Mr.Hadoop a yellow elephant, discussed about Companies uses Hadoop& different job opportunities in Data science field.

The second Technical session was handled by Dr.P.P.AbdulHaleem sir (Asst.Prof, Dept of Computer Science, Farook College, Kozhikode) on the topic "Computing using Light Challenges and Trends " (2015 International Year of Light).In this session we discussed about the evolution of computers, critical factors in the design of computers, about Von Neumann Architecture, How Computation are done in a computer ? etc .Also discussed about Light, Communication & Computing using light, latest trends in light computing such as direct laser writing technique to create miniature lattices that can steer light through tight bends, 2013- chips that can transmit data at a faster speed than light & reduce cost, 2015-honeycomb to transmit data through electronic circuit by light etc., difference b/w Light vs. Human Brain, Challenges in computing using light, Quantum computing i.e. use the power of atoms to perform memory & processing tasks were also discussed on this session.

There were 52 participants and the seminar was useful to all the students who participated in that session.

List of Resource Persons:

1. Dr. V. Bhuvaneswari, Asst.Professor, Dept of Computer Application, School of Computer Science & Engineering, Bharathiar University, Coimbatore.
2. Dr.P.P.AbdulHaleem, Asst.Professor, Dept of Computer Science, Farook College, Kozhikode