

**DEPARTMENT OF COMPUTER SCIENCE AND SYSTEMS ENGINEERING**

**Faculty Development Programme on**

**“Cyber Forensics and Information Security”**

The Department of Computer Science and Systems Engineering organized FDP on **“Cyber Forensics and Information Security”**, 27<sup>th</sup> -28<sup>th</sup>, December 2013, under TEQIP – II.

This FDP mainly focused on Fundamentals of Network Security, Cyber Security, Research issues in Cyber Forensics, Personal Computer Security and cyber Laws.

The faculty from various colleges across the nation attended the FDP.



*Dignitaries on the Dais during the Inaugural function*



Chief Guest **Dr. Rama Murthy Garimella**, lighting the lamp



*Dr. Rama Murthy Garimella addressing the gathering*



*The Participants from Various colleges*

**Garimella Rama Murthy**, Associate Professor, Department of CSE, IIIT-H, Hyderabad, has more than 15 years of teaching experience. He published 184 papers in the areas of Wireless Sensor Networks, Ad hoc Wireless Networks and Network Security.

He gave a detailed presentation on Introduction to Networked Communication, Goals of Cryptography, Symmetric Key Cryptography, Asymmetric Key Cryptography, Goals of Network Security, Security in Wired Networks, Security in Wireless Networks (Cellular Nets and MANETs), Security in Cognitive Networks.



*Dr. Kannan Srinathan, delivering the lecture*

**Dr. Kannan Srinathan**, Assistant Professor, Department of CSE, IIIT-H, Hyderabad has more than 8 years of teaching experience. He published more than 170 papers in the areas of Cryptography and Security. He completed a research project for "Naval Research Board on Cryptography and Security". His session includes discussion on Unification, Uncertainty and Adversity, Universality and Reversibility and Authentication and Intelligence.



***Mr. Krishna Sastry Pendyala**, delivering the lecture*

**Mr. Krishna Sastry Pendyala**, Ex-Forensics Scientist, Govt. of India is a steering group member of several Ministry of Communication & Information Technology funded projects. Professionally trained and experienced in identifying, handling, preserving and analyzing the digital evidence encountered in various Cyber crimes. He published various papers in the field of Cyber Frauds, Network Security, Incident Response Team and Cyber Forensics in various journals/ magazines and at Conferences.

He gave a presentation on Digital Forensics – Integral Part of Information Security included Data Diddling, Dead Dropping, Guerrilla Mail, Anonymizer.com, Keylogger Software & Hardware, Stuxnet, Nitro Attacks, Ddos Attacks, Ghostnet, Cyber Defamation, Phishing, Suspicious Router, and Various Cyber Crimes.



*Prof. Y. Satyanarayana, delivering the lecture*

**Prof. Y. Satyanarayana**, Director, School of Law, GITAM University, Dean and Principal, Dr. B. R. Ambedkar College of Law, A.U, First Vice- Chancellor, AP University of Law, Visakhapatnam. He also served the Indian Air force for 15 years. produced 20 Ph.Ds and one LL.D and also turned out 85 LL.Ms, Published about 60 Research papers on Law and other interdisciplinary themes and conducted more than 90 seminars and conferences on different themes of Law and Chaired/Co-Chaired a number of sessions with distinguished Academia and Jurists.

His elaborate presentation on 'Law and Cyber Technology and The IT Act, 2000', includes legal recognition for transactions carried out through electronic mode and related data, legal recognition to digital signature, electronic filing of documents with government departments, storage of electronic data and electronic fund transfer etc.

40 students are gained knowledge on Cyber Forensics and Information Security.

The outcomes of this programme are:

- Students learnt best practices from real case studies.
- Students can develop applications/projects using code obfuscation and other techniques as a cyber-defense mechanism.
- Students explored the research opportunities in Fraud detection Management.
- Students gained knowledge on various techniques to detect, respond to and prevent network intrusions.