



SPARKLE

A mirror of ECE

- Networking Cyber security championship 2016
- Workshop on evolution of Microelectronics
- Foundation course of Image processing: Concepts to real time application
- Seminar on cyber security
- Workshop on Design and simulation of Microwave and antenna devices using FIKO
- Awareness program to students

Volume 2

FEBRAURY 8, 2016

NETWORKING & CYBER SECURITY CHAMPIONSHIP-2016

A National level workshop on “Networking & Cyber Security” was conducted on 19-09-2015 to 20-09-2015 by Mr.Ramachandra B and Mr. Shivaprasad for the students of ECE. This event was inaugurated by Ex-Principal along with Mr.Srikanth Rao, HOD of ECE department, Resource person from IIT Kanpur. About 120 students from various neighboring institutes attended this workshop. Students came to know about the different ways to configure routers and switches on cisco devices,



manage Cisco IOS and create real network routers with real-cisco routers/switches.

A competition was held to create real network routers with real-cisco routers/switches in which many students got appreciation certificates from IIT Kanpur.

WORKSHOP ON EVOLUTION OF MICROELECTRONICS

A 5 day workshop was conducted on "Evolution of Microelectronics" from 2nd to 6th of December at CEC, Mangalore. Dr. P. Subbanna Bhat, Dr. Laxminidhi and Dr. Vasanth were the resource persons. The workshop concentrated on basic electronic devices, their design and analysis. This workshop provided an insight into the basic methods of biasing transistors, design and analysis of simple amplifier circuits to determine the gain and input and output impedances. Mr. Shreyas H and Ms. Aparna Nair M K of our department has attended this workshop.

Dream is not that you see in sleep, it is the thing that doesn't let you sleep— Dr. KALAM



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FOUNDATION COURSE OF IMAGE PROCESSING: CONCEPTS TO REAL TIME APPLICATION

A Three day workshop on Foundation Course of Image Processing: Concepts to real-time application was conducted by M. S. Ramaiah Institute of Technology, Bangalore from 9th to 11th October 2015. Mr. Vinay P and Mr. Suhandas of our department has attended and learned about the basics of signal processing and image processing.

SEMINAR ON CYBER SECURITY

One day seminar on Cyber security was organized by Mr. Naveen C, Assistant professor, Dept of ECE on 5th September 2015. Mr. Nikhil Santosh Mahadeshwar was the resource person who taught the students to understand what are cyber security and its importance, the effect of cyber-crimes and its punishments, Basic idea about ethical hacking.



WORKSHOP ON DESIGN AND SIMULATION OF MICROWAVE AND ANTENNA DEVICES USING FEKO

One day workshop was conducted on Design and Simulation of Microwave and Antenna Devices using Feko by Ms. Ashwini .P and Ms. Rashmi A.V for ECE students on 31st October 2015. In this the students were able to understand the fundamentals of simulation techniques for communication subjects and to design the various Microwave and Antenna devices in FEKO.

AWARENESS PROGRAMME

An awareness program was organized in Keshava Sankalpa for ECE students on 2nd February 2016. Mr. Srikanth Rao, HOD of ECE department addressed the students regarding the developmental programs that have been undertaken in the department for the betterment of students. The information about the rules and regulations of the college was also given to students. Final



year students shared their experience about campus recruitments 2015-16.

Aim on the moon, if you miss then you have stars in front of you