

ELECTRONICS AND COMMUNICATION ENGINEERING

Achievements during ODD Semester 2012

Department Activities:

- 2 day workshop on VLSI Design using VHDL was conducted on 22nd and 23rd June, 2012 by NIELIT, Calicut.
- An interacting session was arranged on 28th July, 2012 for ECE students with Mr. Seiko Johnson, alumni of Sahrdaya Engineering College.
- Conducted exhibition of projects done by 5th semester students and Best Projects were awarded with cash prize. The project was titled 'Industrial Automation with fire alert system and extinguisher' and was guided by Mr.Santhoshkumar M S.

Staff Achievements:

- Mr. Arunkant A Jose bagged the University First Rank in CUSAT for M Tech.
- MuraliKrishnan T T. presented his paper on "Performance Analysis of DHT/DCT based Coherent Optical OFDM" in a National Conference on Technological Trends 2012.
- Ashish Joy presented his paper on "Performance Analysis of Polar Transmitter using MVR Cordic Algorithm" in a National Conference on Technological Trends 2012.
- AnjuBabu, S.K.Shenoy, R Ramya presented their paper on "A Software defined Radio Approach" at YESTA, NOV 2012.
- AnjuBabu, S.K.Shenoy, R Ramya presented their paper on "Software defined Underwater Communication System" in a National Conference on Technological Trends 2012.
- Jeenu Jose presented her paper "Residue to binary conversion algorithm in ADC design using FPGA", in an International Conference on Emerging Technological Trends (ICETT-2012).
- Mr. SanthoshKumar M S published his paper "A BIST architecture for FPGA Look up Table Testing" in SCET Journal of Science and Technology, Vol. 1, No. 1, pp. 43-46.
- Ms. Kavya T S published her paper "Intrusion Detection using Address Monitoring" in SCET Journal of Science and Technology, Vol. 1, No. 1, pp. 52-57.

Student Achievements:

- Mr. Nirmal T M and Mr. Ashwin Varghese from 7th semester ECE participated in the Circuit Design and Debugging competition conducted by METs School of Engineering and bagged First Rank.
- Ms. Nimi Vincent and Ms. Anju K L from 7th semester ECE won second place in the Calicut university intercollege shuttle badminton competition

- A group of students comprising of Anu Maria Jose, Dhanya Winson, Rince Rappai, Rinu James C, Sharon Thomas under the guidance of Mr. Vishnu Rajan received a project grant of Rs. 10,000/- from Manorama Yuva Mastermind for their project titled 'RADAB- Reading Aid for Deaf And Blind'
- A group of students comprising of Reethu K R, Dhanya Mechery, Jeena P John, Padmam Gopinath Kaimal, Sweety Davis under the guidance of Mr.K R Joy received a project grant of Rs. 10,000/- from Manorama Yuva Mastermind for their project titled 'Automatic Electricity Bill using GSM'.
- A group of students comprising of Deepak Vincent, Paulvin Paulson, Greeshma Grace Paulson, Jeena Treesa Pauly, Elizabeth Joseph under the guidance of Mr. Anoop Suraj received a project grant of Rs. 10,000/- from Manorama Yuva Mastermind for their project titled 'Mouse control and switchboard control using PIR for disabled'.
- A group of students comprising of Nirmal TM, Nimi Vincent, Mayrin Varghese, Vincy Vincent, Stephy Samson under the guidance of Mr. Vishnu Rajan received a project grant of Rs. 24,500/- from Manorama Yuva Mastermind for their project titled 'Intelligent vehicle for Physically and mentally disabled persons'.