

SCHOOL OF ELECTRONICS AND COMMUNICATION
ENGINEERING

Report on Add on Course on Energy Efficient Microcontrollers

School of ECE had organized Add on Course on “Energy Efficient Microcontrollers” for 5th semester students of ECE in Association with STEPS Knowledge Services the authorized partners of **TEXAS INSTRUMENTS** for conducting University training programs. The First phase of the program started on 18th August which will continue till 21st August targeted for 5‘A’&‘C’ sections. The Energy Efficient Microcontroller is an add on course of 4 Credit (1:0:3). The main objectives of this course are

- Explain the basic architecture of 16 bit Microcontroller, Hardware Interfacing concepts to connect Analog and Digital sensors.
- Review the implementation protocols used for communication in real world.
- Describe the Embedded networking concepts based up on connected MCU’s for distributed computing.
- To enhance the employability of the first batch of the students

The course is designed for 40 hours of hands on sessions. C1 and C2 will be evaluated with weightage of 40% objective 60% based on Hands on Task. C3 will be evaluated based on mini project and the documentation. The Project could be based on solving actual problem statements which can be deployed inside the university Campus. The course was inaugurated by Director of the school Dr. Rajashekhar C. Biradar, He spoke about the significance of add on course. There were 99 students in the first phase of the program. The necessary hardware has been procured for the school Laboratory, which are made available for the students to carry out their mini projects. The laboratory facilities are available to faculty and students after the college hours also.

With regards

Course co-ordinators

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