

TWO-DAY WORKSHOP ON RECENT TRENDS IN EMBEDDED SYSTEMS

A two-day intensive workshop on 'Recent Trends in Embedded Systems' sponsored by IEEE Malabar Subsection, Kerala Section was organized by the Department of Electronics and Communication Engineering, AWH Engineering College, Kuttikkattoor, Calicut on December 11 & 12, 2012. The workshop intended for faculty members of Engineering Colleges in Kerala focused on recent important developments in embedded systems technology and related areas. The Workshop was inaugurated by Dr. S. M. Sameer, Secretary, IEEE Malabar Subsection. In his inaugural speech, Dr. S. M. Sameer emphasized the relevance of participation of the engineering teaching community in IEEE activities. After the inaugural session, Ms. Lekha Pankaj, Associate Professor, AWH Engineering College gave an overview on Embedded Systems. There were three special sessions on 'ARM Processor Architecture and Programming', 'PSoC Architecture and Programming' and 'Real-time Operating Systems (RTOS)'. Ms. Lyla B. Das, Associate Professor, National Institute of Technology – Calicut addressed the participants in these sessions. In her lectures, Ms. Das, a well-known author and resource person in embedded systems technology, gave a comprehensive and enlightening overview of the fundamental concepts, programming and system development methodologies in the three domains.

The highlight of the second day was a hands-on training session on 'Arduino Programming' led by Mr. Abdul Rahman, Assistant Professor, Government Engineering College, Calicut. Through this session, Mr. Abdul Rahman, a leading authority on open source microcontrollers, imparted a thorough practical knowhow on Arduino-based design. There was also a lecture on 'Linux in Embedded Systems' by Mr. Sankar Bhavan, Radisys, Canada. Forty teachers from various engineering colleges in Kerala participated in the Workshop.

