



SREE VIDYANIETHAN ENGINEERING COLLEGE: A.RANGAMPET (Autonomous)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Expert Lecture on “Micro controllers and its applications”

Dr. B.S.Haricharan, Ex- Addl G.M, BHEL, Hyderabad, discussed about the Microcontrollers and its application .His talk was informative.

He discussed about the introduction about microprocessors history, background and first 8086 design. He explained about the details of Buses and operation , Registers and instructions, Flags, Segmentation and also discussed about the Porting older software and its Performance, Chip versions and Hardware modes and explain about the micro computer based processors.

He also discussed about the comparison between microprocessor and micro controllers and explains about the applications of microcontrollers and its hardware development by considering real time examples, like Digital Counting Scale, Three-Channel Power Sequencer and High-Speed Lithium Ion Battery Charger. He also explained how the microcontroller is used in motor control. He explained about the design procedures to to develop Board-Level Hand Soldering Tutorial for the Fine Pitch QFP Devices and interfacing of Microcontroller with static RAM. The event was conducted on 19-01-2013.The target Group was III B.Tech & I M.Tech (EEE, ECE) students



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