

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

**Report on Alumni Guest Lecture Basics of Embedded Systems
Organised by Department of Electrical and Electronics Engineering
25th November 2016**



Submitted by: Dr M. Vaigundamoorthy, Associate Professor., Dept. of EEE

Resource Person: **Mr. REDDY SEKHAR**, Senior Section Engineer & Technical Assistant to Chief Workshop Manager/ South Central Railway.

Attended: II B-Tech EEE students (50 students)

The guest lecture was started at 10 a.m. the resource person **Mr. REDDY SEKHAR**, was introduced by HOD, Dept. of EEE. The guest speaker addressed the Basics of Embedded Systems. The Focus of preparation is to be motivated and get aware in the field of Embedded systems: -

Firstly, session was started with the introduction of embedded systems followed by the explanation of both digital and analog systems, different types of memories such as pen drives, cache memory, hard disk, DRAM, SRAM, DDRAM, SD CARDS and flashes.

He also explained about the chip design which involves the following:

1. Front end design-programming or coding,
2. Back end design-silicon chip,
3. Functional verification and
4. Hard ware validation

Feedback: The students were too enthusiastic to know about the career opportunities and preparation required to achieve the task.

Finally, the resource person was felicitated by HOD EEE dept. and, Dept. Alumni Coordinator.