SREE VIDYANIKETHAN ENGINEERING COLLEGE
(Autonomous)
Sree Sainath Nagar, A. Rangampet – 517 102

Department of Electronics and Communication Engineering

Report on
Industry Expert Lecture on
"Embedded and Real Time Systems"
under IIIC, TEQIP-II

The Lecture started at 9:00AM on 09 March 2013 after conveying the objective and introduction to resource person Mr. S. Sudhakar, Scientist SG, Head On-board Control System (Electronic Division), ISRO Satellite center (ISAC), Bangalore.

60 participants from IV B. Tech (ECE), 15 participants from M. Tech DECS & 15 faculty numbers attended the program. During the First Session he delivered lecture on Space System Design Drivers, Embedded Systems in Spacecrafts & On Board Computer. The talk was continued on Realization Aspects and practical scenarios in ISRO.

During the Second session he delivered lecture on Fault Tolerant Features & Testing of on-board computers for satellites. Finally participants interacted with the resource person and cleared their research hurdles in Embedded & Real Time system in general and ISRO particular.

Name of the Academic Program : Industry Expert Lecture on "**Embedded and Real Time Systems**" under Industry Institution Interaction Cell.

Duration of the program(Dates): 09 **March 2013**

Outcomes

- ➢ Improved Knowledge on advanced topics in Embedded and Real Time Systems Design
- ➢ Enhanced Research competence in Real Time Systems Design
- ➢ Gained additional knowledge in interdisciplinary challenges relating to Embedded Systems
- ➢ Gained knowledge in Real Time On-board Embedded System design for Spacecrafts