

**Report on Guest Lecture**  
**“CAREER OPPORTUNITIES IN EMBEDDED SYSTEMS”**

**Organised by**  
**Department of Electrical and Electronics Engineering**

**07-09-2017**

**Organized in association with: MITSAWA**

**Submitted by: Mr. K Rahim Basha, Assistant Professor, Dept. of ECE & Dr. S. Rajasekaran, Sr. Assistant Professors & Head, Dept. of ECE.**

**Resource Person: Lavanya Bhuma (CTS, Senior Associate)**

**Faculty attended:**

Dr S. Rajasekaran, HOD ECE;

Dr. P. Ramesh Reddy, Alumni Secretary;

Mr. K Rahim Basha, ECE Dept. Alumni Coordinator;

Dr. P. Ramanathan, Vice Principal (Academics);

**Students Attended: ECE: 58 Students**

**Venue: ECE Seminar Hall (South Block)**

Mr. K Rahim Basha, Assistant Professor welcomed all the dignitaries, faculty and students and expressed his gratitude to the Management and Principal for giving permission and financial support to organize this programme.

Dr. S. Rajasekaran, Sr. Asst. Professor and Head of the Electronics and Communication Engineering department addressed the gathering. He briefly explained the motto of the programme.

Dr. P. Ramanathan, Vice Principal (Academics), interacted with the alumni students and encouraged the students on campus to interact with the alumni and clear all the doubts regarding foreign internship and higher education opportunities. He also introduced the guest speaker to the audience.

The Guest Speaker focused the presentation on research and implementation of Embedded Systems in the broad areas of Electronics and Communication Engineering.

She gave a valuable speech on this “embedded systems” required by the engineers that an industry is looking for students who have knowledge on “Embedded systems”, which are not only one of the most important fields for current computer-based applications, it is also one of the most challenging fields of software engineering. Her agenda of talk was:

1. An introduction to Embedded Systems
2. How important in our core domain. The scope of embedded engineer and their work life.
3. Applications of Embedded systems and project they are deploying.

#### 4. Conclusions and outlook.

She primarily discussed on

- Which methods are especially important to the development of these systems?
- What are the distinctive features of one of the most interesting kinds of the embedded systems - automotive systems.
- The program which acquires students to build up the necessary skills in automotive systems and the devices in addition to advanced embedded systems coursework.

Further, there was an interaction session in which the students actively participated and asked her questions, to which he replied and helped them to select a right path towards their future. Moreover, he briefed various possibilities in the higher studies and specifically explained about the Cognitive radio work which are presently used in programming. As a part of a suggestion he advised the students to participate actively in projects and fellowships.

Finally, the department of ECE along with some of dignitaries like HOD of ECE dept, vice-principal academics congratulated her and wished her best wishes for her future.