

**Report on Guest Lecture**  
**“FUTURE SCOPE ON NANOTECHNOLOGY”**

**Organised by**  
**Department of Electronics and Communication Engineering**  
**04-10-2016**

**Organized in association with: MITSAWA**

**Submitted by: Mr. K. Rahim Basha, Senior Assistant Professors and Prof. A. R Reddy, Professors & Head, Department of Electronics and Communication Engineering, MITS**

**Resource Person: Ms. Meena G, IBM India Research Lab (Alumni of Dept. of ECE, MITS)**

**Faculty attended:**

Prof. A. R Reddy, **HOD ECE;**

Dr P Ramesh Reddy, **MITS Alumni Relation Officer;**

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

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

**Students Attended: ECE: 60 Students**

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

The Interaction started by 2 PM,

Mr. K. Rahim Basha, ECE Dept. Alumni Coordinator addressed the students by emphasising the importance of subject knowledge like semiconductor devices, nanotechnology in the engineering. He also interacted with the alumni students and encouraged the students on campus to interact with the alumni and clear all the doubts.

The guest speaker **Ms. Meena G, IBM India Research Lab** was introduced to the audience by Prof. A. R. Reddy, HOD ECE.

She gave a valuable speech on this “Chip technology”, required by the engineers that an industry is looking for students who have knowledge on “Product Designer”, 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. She said that the What does the term "Chip" mean? (2) Which methods are especially important to the development of Human Genome Project.? (3) What are the distinctive features of one of the most interesting kinds of chips like Genomics, Proteomics, nano probes. The program which acquires students to build up the necessary skills in addition to work on advanced Chip technology coursework.

Further, there was an interaction session in which the students actively participated and asked her questions, to which she replied and helped them to select a right path towards their future. Moreover, she briefed various possibilities in the higher studies and specifically explained about the chip technology work and HUMAN INTERFACE TO CHIP, which are presently used in applications.

The alumni Meena G also elaborated the opportunities provided by IBM India Research Lab. She also discussed the work culture at IBM India Research Lab.

1. Self-study and self-motivation is the key to success and to get more funding opportunities.
2. The guest speaker cleared many doubts regarding the myths and facts about Chip technology and future scope of technology
3. She also mentioned about the applications of Chip technology and project they are deploying Students enquired about part time jobs.

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

**Mementos Distribution:**

Finally, Prof. A. R. Reddy, Mr. K. Rahim Basha, Dr. P. Ramesh Reddy and Dr. P. Ramanathan, Vice Principal (Academics) felicitated the alumni person with mementos.

