

Report on Guest Lecture
Research Scope in Electronics and Communication Engineering
Organised by
Department of Electronics and Communication Engineering
21st December 2018

Organized in association with: MITSAWA

Submitted by: Dr. B Prasanth Kumar. Senior Assistant Professors and Dr. S. Rajasekaran, Senior Assistant Professors & Head, Department of Electronics and Communication Engineering, MITS

Resource Person: B Sivaprasad, Algorithm Engineer at Continental, Computer Scientist (Alumnus of MITS, Dept. of ECE)

Faculty attended:

- Dr. S. Rajasekaran, Sr. Asst. Professor & Head, Department of ECE
- Dr. P. Ramesh Reddy, Alumni Secretary, Assistant Professor, Department of Mathematics.
- Dr. B Prashanth Kumar Sr. Asst. Professor Department of ECE.

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

Students Attended: ECE : 51 students

Venue: ECE Scale UP Room

The department of Electronics and Communication Engineering organised a guest lecture on “Research Scope in Electronics and Communication Engineering” on 21st December 2018. The main objective of this lecture was to bring awareness among Electronics and Communication Engineering students on the research and implementation of Radio Frequency Integrated Circuits (IC) in the broad areas of Electronics and Communication Engineering.

Programme Inauguration :

Dr. B Prashanth Kumar. Sr. 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. Later, Dr. P. Ramanathan, Vice Principal (Academics), emphasized the importance of research scope in Electronics and Communication Engineering. Next, Dr. P. Ramesh Reddy, Alumni Secretary, Asst. Professor, Department of

Mathematics emphasized the importance of this invited talk and congratulated the organizers of the 'Guest Lecture' and conveyed his happiness and thanks to the participants.

Session:

The department of Electronics and communication engineering in Madanapalle Institute of Technology and Sciences is not only known for its best academic performance but also for its extra-curricular activities. And as a part of it, the department of ECE conducted a small alumni talk on **21-12-18** in order to motivate the students and help them to take a right step towards their career. To address this, talk, the department of ECE invited one of the alumni's of MITS "**B Sivaprasad**" He said that (RFIC) is an abbreviation of Radio Frequency Integrated Circuit. Applications for RFICs include radar and communications, although the term RFIC might be applied to any electrical integrated circuit operating in a frequency range suitable for wireless transmission. There is considerable interest in RFIC research due to the cost benefit of shifting as much of the wireless transceiver as possible to a single technology, which in turn would allow for a system on a chip solution as opposed to the more common system-on-package. [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, he briefed various possibilities in the higher studies and specifically explained about Radio Frequency Integrated Circuits (IC) work which are presently used in programing.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 him and wished him best wishes for his future.

