

Report on Guest Lecture
on
Internet of Things (IOT) in Electronics and Communication Engineering
Organised by
Department of Electronics and Communication Engineering
29 January 2019

Organized in association with: MITSAWA

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

Resource Person: Mr. Afzal Khan, Software Engineer, MPHASIS, Bangalore (Alumnus of MITS, dept. of ECE)

Faculty attended:

- Dr. S. Rajshekaran, Sr. Asst. Professor & Head, Department of Electronics and Communication Engineering.
- Dr. P. Ramesh Reddy, Alumni Secretary, Assistant Professor, Department of Mathematics.
- Dr. B Prashant Kumar Sr. Asst. Professor Department of Electronics and Communication Engineering.
- Dr. P. Ramanathan, Vice Principal (Academics)

Students Attended: ECE: 48 students

Venue: ECE Seminar Hall (South Block)

The department of Electronics and Communication Engineering organised a guest lecture on “**Internet of Things (IOT)**” on 29th January 2019. The main objective of this lecture was to bring awareness among Electronics and Communication Engineering students on the research and application of IOT 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 29-01-19 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 "**Afzal Mr. Khan**" software engineer in MPHASIS, Bangalore. She delivered a valuable speech which made the students more confident and made them aware of the skills required by the engineers that an industry is looking for students who have knowledge on Application developing use programming languages and source code to create software that meets client requirements. Developers may work with multiple programming languages and operating systems. Requirements vary for developers depending on the employer, but a bachelor's degree is typically the minimum requirement for career entry. Some advanced positions may require a master's degree. Employers tend to prefer hiring application developers with work experience in the field, which can be gained through an internship. Moreover, he briefed Application development involves the process, life cycle and creation of the software aimed at helping users complete a computer task or program. Developers work closely with computer analysts and engineers in using languages such as Java, C++ , Python and ORACLE to develop the necessary specifications for software. Developers may also test, debug and improve generally faulty applications for clients. 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 post-graduation and specifically explained about the emerging trends and challenges in the IOT systems which are presently used in research.as a part of a suggestion she 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.

