

Report on Guest Lecture
“Photonics”
Organised by
Department of Electronics and Communication Engineering
09-11-2019

Organized in association with: MITSAWA

Submitted by: Dr. M. Shanmugakumar, Senior Assistant Professors and Dr. S. Rajasekaran, Senior Assistant Professors and Head, Dept. of ECE, MITS.

Resource Person: M Sai Kumar, (Alumni of Dept. of ECE, MITS, pursuing M.S. from Okiahoma State Univeristy, USA)

Faculty attended:

Dr. S. Rajasekaran, HOD ECE;

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

Dr. M. Shanmugakumar, Sr. Asst. Professor Department of ECE;

Dr. P. Ramesh Reddy, Alumni Secretary, Assistant Professor, Department of Mathematics.

Students Attended: ECE: 61 Students

Venue: ECE Seminar Hall (South Block)

Dr. M. Shanmugakumar. Sr. Assistant Professor welcomed all the dignitaries, faculty members and students and expressed his gratitude to the Management and Principal for giving permission and financial support to organize this programme.

Dr. P. Ramanathan, Vice Principal (Academics), emphasized the importance of digital image processing 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.

The guest speaker was introduced to the audience by Dr. S. Rajasekaran, HOD ECE. He briefly explained the motto of the programme.

The department of ECE conducted a small alumni talk on 9-11-18 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 "M Sai Kumar". He 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, Photonics. He said that the Photonic Science is a high technology independent manufacturer of scientific detector systems covering the range of visible to X-ray and neutron detection. The camera technology offered is wide ranging, from the latest CCD, EMCCD, CMOS and SWIR sensors to X-ray and intensified cameras and Laue diffraction systems. We serve customers in scientific, industrial, medical and military domains. Imaging systems and cameras sold are designed to customer specific requirements, which can range extensively in environmental requirements with cost effective volume production available for OEM users. Photonic Science's ability to design and build specialist systems and to undertake R&D projects has given the company's engineering team a wide range of experience in diverse fields and the ability to transfer this knowledge to our customers. 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 Photonics work which is 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 his and wished his best wishes for his future.

The interaction between the guest speakers and students has continued and students on campus have cleared many doubts during the interaction session.

The session finished by conveying vote of thanks by Dr. M. Shanmugakumar, ECE Dept.

