Report on Guest Lecture
"DIGITAL IMAGE PROCESSING"
Organised by
Department of Electronics and Communication Engineering
18-09-2019

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: Lalitha Reddy, (Alumni of Dept. of ECE, MITS, working as Associate S/W Engineer, BOSCH)

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: 52 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 guest speaker "**Lalitha Reddy**" focused on role of Digital Image Processing in ECE. The main objective of this lecture was to bring awareness among ECE students on the research and implementation of the Digital Image Processing in broad areas of ECE. She is given emphasis on role of digital image processing in industry. Further, there was an interaction session in which the students actively participated and asked 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 digital image processing which are presently used in most of the applications global wide, 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 her and wished her best wishes for her 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.