



**A Guest Lecture Report on
Post-graduation in the domain of semiconductors and its career opportunities across Taiwan
19-02-2022**



Submitted by: Dr. Pradosh Ranjan Sahoo, Associate Professors and Dr. S. Rajasekaran, Professors and Head, Dept. of ECE, MITS.
Organized in association with: MITSAWA

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Resource Person: Mr. Manoj Kumar Reddy, (Alumni of Dept. of ECE, MITS, Pursuing Ph.D., Asia University, Taiwan)

Faculty attended:

Dr. S. Rajasekaran, HOD ECE.

Dr. Pradosh Ranjan Sahoo, Associate Professor, Department of ECE. Dr. P. Ramesh Reddy, Alumni Secretary, Assistant Professor, Department of Mathematics.

Students Attended: ECE: 120Students

Venue: ECE Seminar Hall-A (South Block)

Dr. Pradosh Ranjan Sahoo, Associate 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. 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 focused the presentation on "Post-graduation in the domain of semiconductors and its career opportunities across Taiwan". The main objective of this lecture was to bring awareness among ECE students on the research and implementation of the semiconductor and facilities available in Taiwan to conduct research in Electronics Engineering.

He gave a valuable lecture on the goal in performing higher study in abroad specially in Taiwan and discussed how someone can do research on semiconductor and microelectronics area. He also emphasized why to study in Asia University and elaborated about Analog Bipolar CMOS DMOS lab. He also discussed the complete process of chip manufacturing using TCAD tools and Simulation tools (Tsupreme4, Santarus). He also shared his experience in Taiwan and spoke about part time job with his research. Further, there was an interaction session in which the students actively participated and asked 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 semiconductor, which are presently used in most of the applications global wide, 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.