



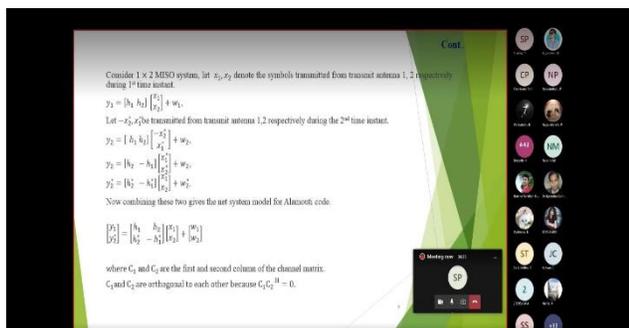
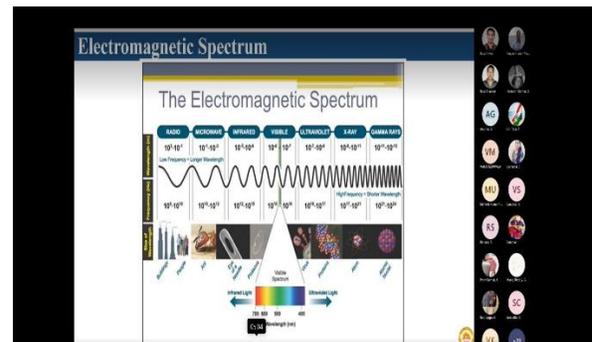
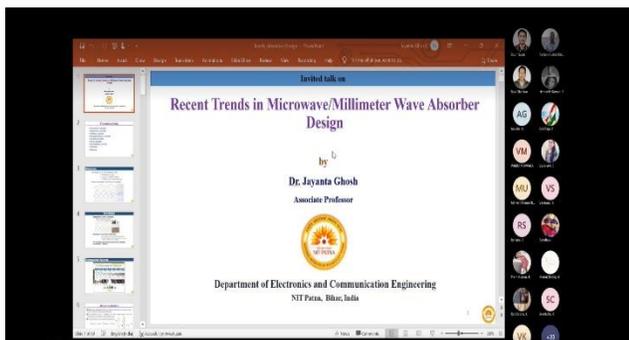
# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC-AUTONOMOUS)



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## Department of Electronics & Communication Engineering

Report on  
Two days short term course  
**Emerging Trends in Electronics and Communication Engineering**  
(29<sup>th</sup> and 30<sup>th</sup> October 2021)



**Submitted by:** Dr. Sourabh Paul, Sr. Asst. Prof, Dept. of ECE, Madanapalle Institute of technology and Science Chittoor, Andhra Pradesh, India.

The Department of Electronics and Communication Engineering, Madanapalle Institute of Technology and Science Madanapalle, Andhra Pradesh, India in association with IEEE MITS has organized two days (29<sup>th</sup> and 30<sup>th</sup> October 2021) short term course on ‘Emerging Trends in Electronics and Communication Engineering’. In the short-term course, more than 250 participants from MITS and other National & International institutes were participated to make the event successful. The short-term course is mainly

focused towards the enlightenment on the current trend in wireless communication and microwave engineering by experts from reputed academicians (**NIT Patna**).

A brief summary of the workshop event by event is as follows:

The event was started with the welcome speech from the organizing committee members (Dr. Sourabh Paul, Sr. Assistant Professor, Dept. of ECE, MITS Madanapalle (coordinator), Dr. Ravi Tiwari, Sr. Assistant Professor, Dept. of ECE, MITS Madanapalle (coordinator), Dr. Ravi Shankar Associate Prof. (Coordinator), and Dr. S. Rajasekaran, HoD, Dept. of ECE, MITS, Madanapalle (Convener) at 1:00 pm onwards.

At 01:20 pm, the first technical session on '*Advances in wireless communication and networks*' was delivered by **Dr. Ritesh Kumar Mishra, Associate Professor, in the Department of Electronics and Communication Engineering, National Institute of Technology, Patna**. He discussed the basics cooperative nonorthogonal multiple access network and the recent trends of wireless communication.

In the second session of Day-1, **Dr. Bikash Chandra Sahana, Assistant Professor, National Institute of Technology, Patna** was enlighten the audience by '*Vehicular to Vehicular communication in 5G*' their principle of operation, scope of the research and its applications. He received his Ph.D. degree from National Institute of Technology, Patna in 2018. He is currently working as a HOD, in the Department of Electronics and Communication Engineering, National Institute of Technology, Patna.

Day-2 of the workshop was started with welcoming of all the participants. That session was handled by **Dr. Jayanta Ghosh** who has given a presentation on the topic of '*Recent trends in microwave/milimeter wave absorber design*'. Dr. Ghosh is working as an **Associate Professor in the Department of Electronics and Communication Engineering, National Institute of Technology, Patna**. He discussed the recent research scope on the field of microwave engineering.

Thus, two Days short term course on '**Emerging Trends in Electronics and Communication Engineering**' was completed with a thanking speech from the organizing committee members to the participants, experts of the sessions for their contribution and interest throughout the program.