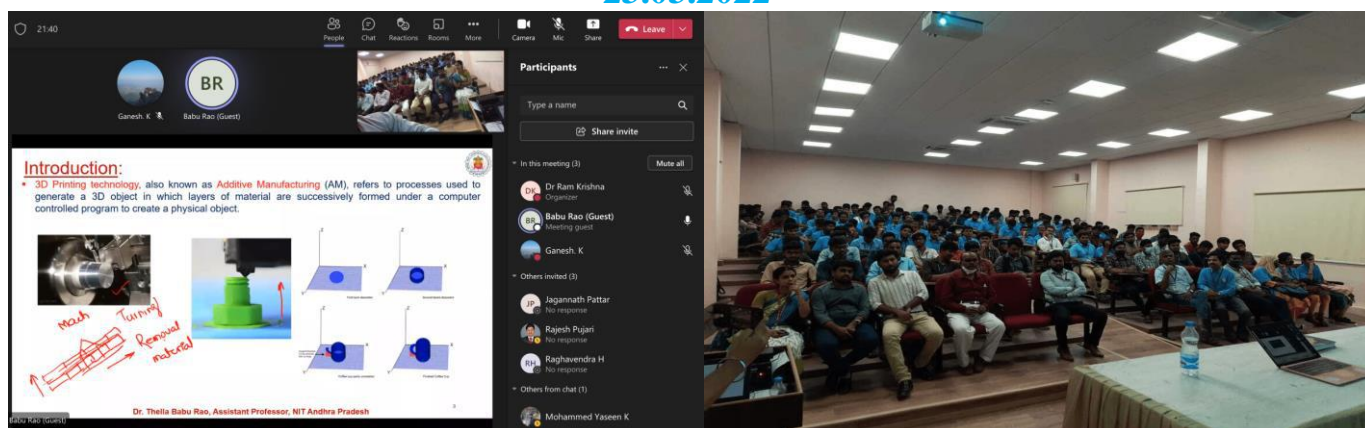




Report
A Guest Lecture on
Introduction to 3D Printing
Organized by
Department of Mechanical Engineering
ISTE MITs Chapter & IIC-MITs
23.03.2022



Submitted by: Dr. Ram Krishna, Associate Professor, Dept. of Mechanical Engineering
Dr. Subodh Kumar, Assistant professor, Dept. of Mechanical Engineering

Attendance: 198 participants including students & faculty

Venue: Seminar Hall A

The Programme started at 11:00 AM with a welcome address by Dr. M. Lakshmana Rao, Professor & Head, Department of ME, MITs, Madanapalle. In his address, Dr. Rao highlighted key points on additive manufacturing by citing its importance in the manufacturing sector. He also shed some light on the topic "3D Printing" and the need to initiate projects and products based on 3D Printing. After Prof. Rao's brief talk, Dr. Ram Krishna, Associate Dean-IIC, addressed the audience by introducing the guest speaker, Dr. Thella Babu Rao, Assistant Professor, Department of Mechanical Engineering, NIT Andhra Pradesh, and, after that, the resource person took over the session to his talk.

The resource person started the session by extending his hearty thanks to the participants, organizing members, HOD, Principal and Management of MITs Madanapalle for providing him with the opportunity to share his knowledge and expertise in the Additive Manufacturing domain. In his 45 minutes of talk, he covered the different types of existing 3D printing technologies based on lasers, electron beams, and high energy deposition. The talk was very comprehensive to provide a reliable background on 3D printing in terms of what it is (materials, processes, and technologies), its history, application areas, and benefits.

The session was concluded by a vote of thanks, delivered by the M.E. HOD, Prof. Rao, where he congratulated and thanked the organizing committee for excellently organizing this program. He also expressed heartfelt gratitude to the expert and students, without whom the event would not have been a huge success.