MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE



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Report

Guest-Lecture

on

"Role of Static Power Conversion in Current and Future Power Systems"
Organised by

Department of Electrical & Electronics Engineering Date: 21.01.2023

Organized in association with: IEEE student chapter and ISTE, MITS Madanapalle.

Submitted by: Dr. Gumpu Sreenivasulu, Assistant Professor, Dept. of EEE.

Attendance: 30 participants (Internal)

The programme is started at 2:30 PM with a welcome address to all the audience by the **Dr. A V Pavan Kumar**, H.O.D, EEE, MITS, Madanapalle. The resource person **Mr. Dawood Ali Mirza** R&D Engineer, Fluence India, was introduced by **Dr. Gumpu Sreenivasulu**, Assistant Professor, Dept. of EEE.

The resource person started the session by extending his hearty thanks to the participants, IEEE coordinators, executive members, HoD, Principal and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience in "Role of Static Power Conversion in Current and Future Power Systems".

The resource person highlighted the various types of renewable energy and the integration of renewable energy into the grid. Also, he focused on the various challenges in the integration of renewable energy into the grid and various converters. Besides, the growth in market and opportunities in the renewable energy sector are being discussed during the session. The distinguished speaker discussed various renewable energy models. Also, the basic architecture of solar and wind are elaborated by Mr. Dawood Ali Mirza. During the session, the major opportunities, power converters and controllers design are being focused by the speaker. Besides, the prominent resource person pointed that there are huge number of opportunities for the engineering graduates in recent decades. Moreover, possibilities and innovations in solar sector are being highlighted during the session. At the end, the prominent speaker underlined the career opportunities for graduates. Also, speaker assured to help the participants/students for any kind of research guidance.

The session was concluded followed by a vote of thanks, given by Dr. Gumpu Sreenivasulu, Assistant Professor, Department of EEE (IEEE Coordinator) MITS, Madanapalle.



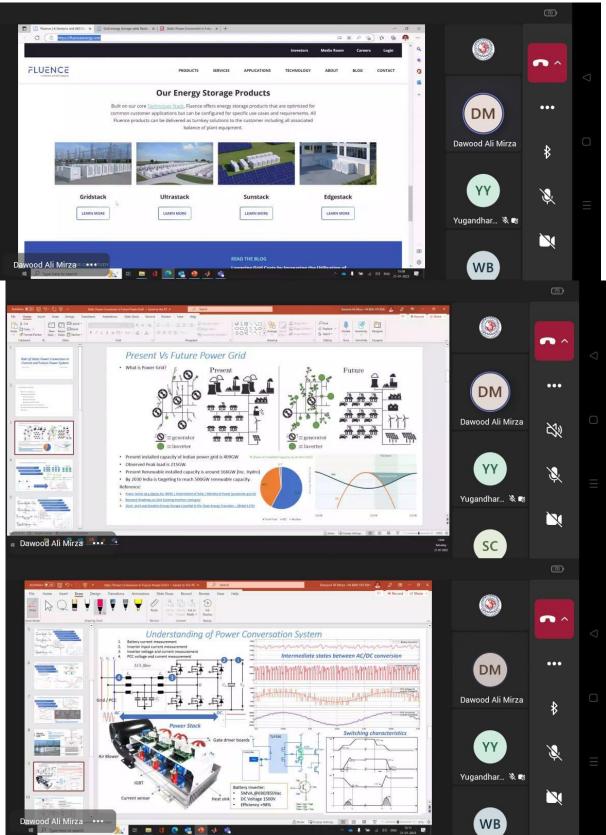
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Photos:



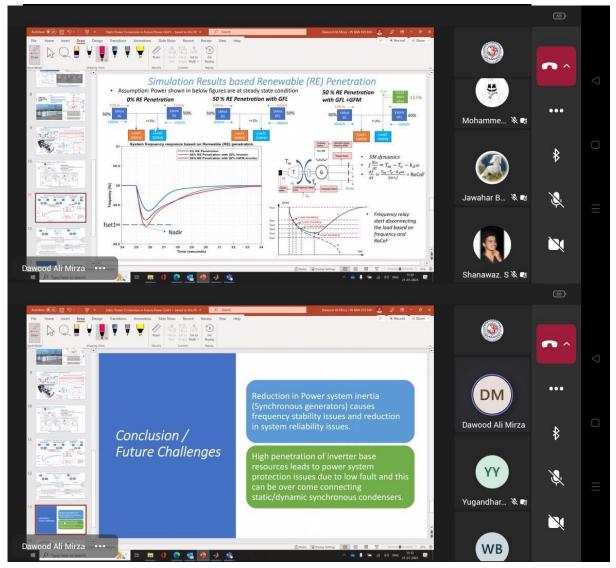


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Signature of the Coordinator

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