



Report

Guest-Lecture

on

**"Intelligent Controller for Smart Integrated Wind and Solar based Hybrid
Power Generation Scheme"**

Organised by

Department of Electrical & Electronics Engineering

On the occasion of

Institute of Electrical & Electronics Engineers Day Celebrations

Date: 14.10.2022

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

Submitted by: Mr. Gumpu Srinivasulu, Assistant Professor, Dept. of EEE.

Attendance: 75 participants (Internal)

The programme is started at 1:30 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 **Dr. V. B. Thurai Raaj** in Assistant Professor, Dept. of EEE, MITS Madanapalle was introduced by **Mr. Gumpu Srinivasulu**, 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 "Intelligent Controller for Smart Integrated Wind and Solar based Hybrid Power Generation Scheme".

The resource person highlighted the intelligent controllers requirement for 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 controllers. 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 Dr. Thurai Raaj. During the session, the major opportunities are renewable energy sector 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 Mr Gumpu Srinivasulu, Assistant Professor, Department of EEE (IEEE Coordinator) MITS, Madanapalle.

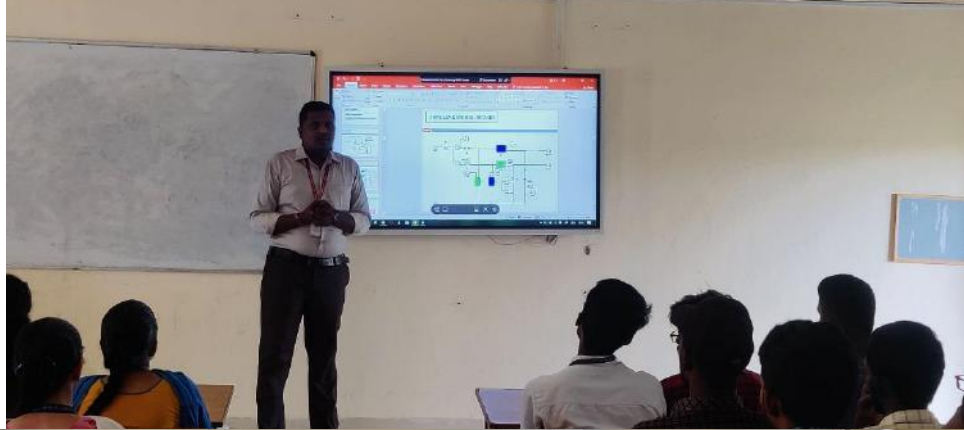


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Photos:



Signature of the Coordinator

Signature of HoD, EEE