MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE



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Report Guest-Lecture on "Role of Optimization Techniques in Electrical Engineering" Organised by Department of Electrical & Electronics Engineering



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

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

Attendance: 43 students and 3 faculty

The programme is started at 1.00 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. Naladi Ram Babu** Associate Professor, Aditya Engineering college, Surampalem, India, was introduced by **Dr. Gumpu Srinivasulu**, Assistant Professor, Dept. of EEE.

The resource person started the session by extending his hearty thanks to the participants, IEEE ad ISTE coordinators, executive members, HoD, Principal and Management of MITS Madanapalle for giving him opportunity to share his knowledge and experience in "Role of Optimization Techniques in Electrical Engineering".

The resource person highlighted the various types of optimization techniques and their applications in the automatic generation control. Also, he focused on the various challenges in the implementation of AGC in the thermal generation plants.. Besides, the growth in market and opportunities in the power system sector are being discussed during the session. The distinguished speaker discussed various optimization based controllers for AGC. Also, the basic architecture of different controllers are elaborated **Dr. Naladi Ram Babu**. 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 Srinivasulu, Assistant Professor, Department of EEE (IEEE and ISTE Coordinator) MITS, Madanapalle.

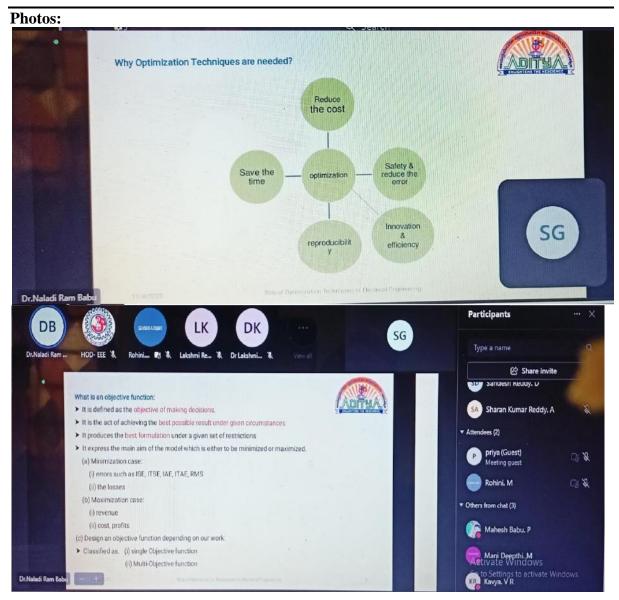


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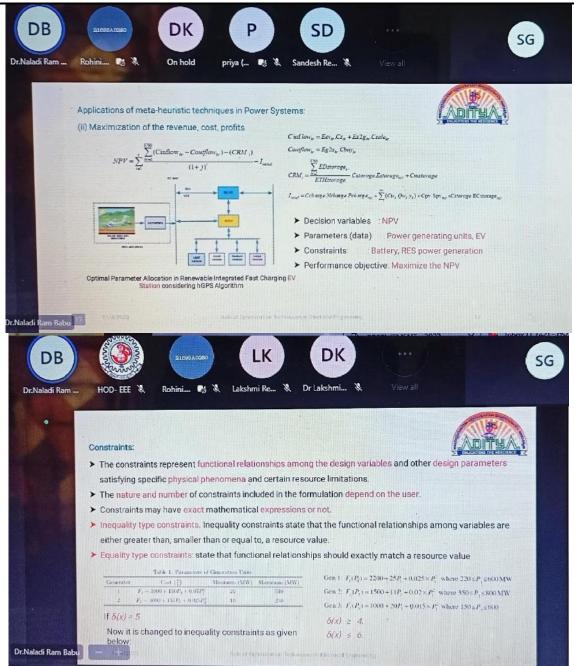


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Signature of the Coordinator

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