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Circular Dated: 11-05-2015

Students belong to Department of Electrical and Electronics Engineering are here by informed that an Awareness Program on Power Grid Concepts & Overview of an EHT Sub-Station is going to be conducted On '15-05-2015 in ME-seminar hall. Students should utilize the opportunity without fail.

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Copy to: 1. Electrical and Electronics Engineering Class rooms.

2. Circular to Notice Board

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (UGC - AUTONOMOUS)

Report on Awareness Program On "Power Grid Concepts & Overview of an EHT Sub-Station" Organized by Dept. of EEE - MITS 15 May 2015



Submitted by: Mr. M. Lokesh, Assistant Professor, Dept. of Electrical and Electronics Engineering

A Guest Lecture on the topic "**Power Grid Concepts & Overview of an EHT Sub - Station**" was conducted by the department of Electrical and Electronics Engineering, MITS, Madanapalle under TEQIP- II on 15/05/2015. The resource person was **Mr.S.V.Mahesh Babu**, Asst. Divisional Engineer (A.D.E), APTRANSCO, 220 KV Sub–Station, Chittoor.

The programme started with an inaugural session & the HoD of EEE department **Dr. K.V.R.B. Prasad** gave opening remarks about the event. **Dr. B. Rama Kumar**, Professor in department of EEE expressed about the importance of the topic, research in this area and advised the students to make use of this program. Later, the event anchor **Miss L. Jayasree** introduced the Resource Person to the gathering. After this, the resource person briefly spoken about the topic.

In the first session of the day, the resource person had given the valuable information regarding Energy Conservation. In this session he dealt about generation of electric power, various resources of electric power, depletion of the resources, future scenario, need of energy conservation, tips for conserving energy etc.. He also discussed about Power Grid Concepts, need of Power Grid, Transmission of Electric Power to the consumer end, operation of power grid, reasons for power grid failures along with case study, steps to avoid grid failures etc.

In the second session he discussed about the over view of an EHT Sub-station, EHT Transmission system, its necessity, various components present in an EHT substation, their inter connectivity, their functionality in full length, maintenance of EHT Substation and Protection.

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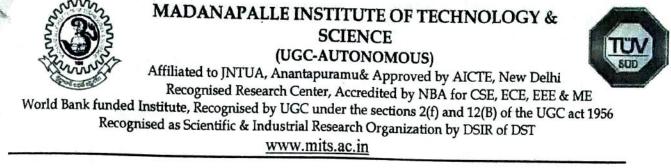
Paper Clips:

Lecture on Power grid concept

The Department of EEE of Madanapalle Institute of Technology & Science, Madanapalle conducted a guest lecture on the topic "Power Grid Concepts & Overview of an EHT Sub - Station" on 15/05/2015 under TEQIP II. Dr. B. Rama Kumar, Professor in department of EEE told the importance of the topic, research in this area and advised the students to make use of this program. The resource person was Mr.S.V.Mahesh Babu, Asst. Divisional Engineer (A.D.E), APTRANSCO, 220 KV Sub–Station, Chittoor, had given the valuable information regarding Energy Conservation. He also explained about the process of power supply and its failures to students. The program chair person, Principal and others participated in the session.



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Department of Electrical & Electronics Engineering

Date: 15.05.2015

Title: Guest Lecture on "Power Grid Concepts & Overview of an EHT Sub-Station"

Speaker: Mr. M. Lokesh, Assistant Professor, Dept. of Electrical and Electronics Engineering

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