



**MADANAPALLE INSTITUTE OF
TECHNOLOGY & SCIENCE**
(UGC-AUTONOMOUS)

Affiliated to JNTUA, Anantapur & Approved by AICTE, New Delhi
Recognised Research Center
Accredited by NBA for CSE, ECE, EEE & ME
World Bank funded Institute
Recognised by UGC under the sections 2(f) and 12(B) of the UGC act 1956
Recognised as Scientific & Industrial Research Organization by DSIR of DST

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.

PRINCIPAL
Madanapalle Institute of Technology & Science
Palana Road, Kotha Road, Angalla
MADANAPALLE-517 325, A.P

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

2. Circular to Notice Board

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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

S.No.	Name of the Participant	Name of the College	Year of Study	Signature
1	AMRUTHA. K	MITS	4th year EEE	<i>Amrutha</i>
2	ANIL YADAV. B	MITS	4th year EEE	<i>Anil yadav</i>
3	ASHOK. L	MITS	4th year EEE	<i>Ashok</i>
4	BHARATH. G	MITS	4th year EEE	<i>Barath</i>
5	BHASKAR. S	MITS	4th year EEE	<i>Bhaskar</i>
6	BHUVANESH. K	MITS	4th year EEE	<i>Bhuvanesh</i>
7	DATTA SAI. C	MITS	4th year EEE	<i>Datta Sai</i>
8	DIVYA CHARITHA REDDY. K	MITS	4th year EEE	<i>Reddy, K</i>
9	DIVYA. S	MITS	4th year EEE	<i>Divya</i>
10	ESWAR NAIK. B	MITS	4th year EEE	<i>Eswar</i>
11	HARIKA. M	MITS	4th year EEE	<i>Harika</i>
12	JAGADEESH KUMAR REDDY. P	MITS	4th year EEE	<i>Jagadeesh P</i>
13	JYOTHI. K	MITS	4th year EEE	<i>Jyothi</i>
14	JYOTHIRMAYI. P	MITS	4th year EEE	<i>Jyothirmayi</i>

15	LAKSHMI PRASANNA. M	MITS	4th year EEE	Lakshmi M
16	LOKESH. T	MITS	4th year EEE	Lokesh
17	MANOJ KUMAR. K	MITS	4th year EEE	Manoj
18	MOHAMMED IMDAD S	MITS	4th year EEE	Imdad
19	NARENDRA. G	MITS	4th year EEE	Narendra
20	NAVEENKUMAR. C	MITS	4th year EEE	Naveen C
21	PADMAJA. J	MITS	4th year EEE	Padma
22	PAVAN KALYAN. MADHARA	MITS	4th year EEE	P. Madhara
23	PAVAN KALYAN. MARUMENI	MITS	4th year EEE	P. Marumeni
24	RAMA KRISHNA. M	MITS	4th year EEE	Rama
25	RAMESH. D	MITS	4th year EEE	Ramesh
26	RAVINDRA. M	MITS	4th year EEE	Ravindra
27	RIYAZ. P	MITS	4th year EEE	Riyaz
28	SAHAJANAND. A	MITS	4th year EEE	Saha
29	SAI KUMAR REDDY. A	MITS	4th year EEE	Sai Kumar
30	SAI PRATHAP. G	MITS	4th year EEE	Sai Prathap
31	SAI SHANMUKHA. G	MITS	4th year EEE	Sai Shanmukha
32	SANDHYARANI. A	MITS	4th year EEE	Sandhya
33	SASI KUMAR. K	MITS	4th year EEE	Sasi Kumar
34	SHABANA. P	MITS	4th year EEE	Shabana
35	J S TAHER	MITS	4th year EEE	J S Taheer
36	SHIVAKANTH. K	MITS	4th year EEE	K. Shiva
37	SIVA PRASAD NAIDU. G	MITS	4th year EEE	K. Prasad
38	SIVASANKAR RAJU. R	MITS	4th year EEE	S. Raju
39	SRAVANI. I	MITS	4th year EEE	Sravani
40	SREELEKHA. J	MITS	4th year EEE	Sreelekha

41	SREEVANI. P	MITS	4th year EEE	SREEVANI.P.
42	SRITEJ. G	MITS	4th year EEE	Tej
43	SUBBAREDDY. P	MITS	4th year EEE	Subbar
44	SUDARSHAN. K	MITS	4th year EEE	Sudharshan
45	SURYATEJA. K	MITS	4th year EEE	Suryateja
46	SWATHI. U	MITS	4th year EEE	Swathi
47	TASLEEM. S	MITS	4th year EEE	Tasleem
48	THARAKESHWAR. K B	MITS	4th year EEE	Tharaka.
49	VANITHA. S	MITS	4th year EEE	Vanitha.S
50	VENKATA SAI. C	MITS	4th year EEE	Venkat sai.
51	VENKATA SUNANDA. C	MITS	4th year EEE	Sunanda
52	VINAY KUMAR REDDY. P	MITS	4th year EEE	Vinay P.
53	BALAJI. G	MITS	4th year EEE	Balaji.
54	AMARNATH REDDY .N	MITS	4th year EEE	Amarnath N
55	JAI KUMAR REDDY .K	MITS	4th year EEE	Jay Reddy
56	LAVANYA .B	MITS	4th year EEE	Lanya.
57	LAVANYA .P	MITS	4th year EEE	Lanya.P
58	MUNEER DADA .P	MITS	4th year EEE	Dada
59	RAMA THULASI REDDY J	MITS	4th year EEE	Reddy J
60	SUSHMITHA .P	MITS	4th year EEE	Sushu
61	TEJA VARDHAN .T	MITS	4th year EEE	Teja.T.
62	YASWANTH J	MITS	4th year EEE	Yeh
63	VINAYKANTH REDDY .D	MITS	4th year EEE	Vinia.
64	RAVI TEJA .K	MITS	4th year EEE	Ravi
65	HARSHA VARDHAN REDDY .S	MITS	4th year EEE	Harsha.
66	AMARENDRANATHA REDDY.T	MITS	4th year EEE	Reddy

67	JESWANTH REDDY .M	MITS	4th year EEE	<i>Jesw.</i>
68	FURQUAN ZABEEH .S	MITS	4th year EEE	<i>Zabeh.</i>
69	AKHILA .Y	MITS	4th year EEE	<i>Akhil.</i>
70	NAVEENKUMAR. K	MITS	4th year EEE	<i>Naveen.</i>

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