



VEMU INSTITUTE OF TECHNOLOGY:: P.KOTHAKOTA

Chittoor - Tirupati National Highway, P.Kothakota, Near Pakala, Chittoor(Dt), AP - 517112
(Approved by AICTE, New Delhi, Permanently Affiliated to JNTU V. Ananthapuram, Accredited by NAAC,
Recognized Under "O & B" of UGC Act and "A" ISO 9001:2015 Certified Institute)

Department of Electrical & Electronics Engineering

VEMU FEE 2018-19

Date: 25-10-2018

Circular

It is hereby informed to all the EEE Lab Technicians that there is a Two days Workshop on "**Maintenance of Power Earthing for all the experimental kits**" on 01/11/2018 and 02/11/2018 by inviting D.Chandrasekhar, HOD, dept. of EEE, vemu institute of technology, P.kothakota. Hence all the EEE Lab Technicians are instructed to attend the workshop without fail.

Venue: EEE Seminar hall

Time: 10.00am-1.00pm

1.50pm-4.00pm


**HOD
HEAD**

**DEPARTMENT OF EEE
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112**

Copy To: The Principal Desk.

The Staff In-charge.

Circulate among all Lab Technicians.

A. Nishar Ahmad

A. Sult

T. Rekha

P. Yeshi

V.R. Shun



VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

NEAR PAKALA, CHITTOOR-517112

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Department of Electrical & Electronics Engineering

PROGRAM SCHEDULE

Two days workshop on "Maintenance of power earthing for all the experimental kits"

Date(s) : 01/11/2018 & 02/11/2018

Time: 10.00 AM to 04.00 PM

Date	Forenoon (10.00am-1.00pm)	Afternoon (1.50pm-4.00pm)
01/11/2018	Grounding and earthing necessities in DC electrical kits.	Maintenance of earthing in DC equipments.
02/11/2018	Grounding and earthing necessities in DC electrical kits.	Maintenance of earthing in AC equipments.

HOD/EEE

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Department of Electrical & Electronics Engineering

TWO DAYS WORKSHOP ON "Maintenance of Power Earthing for all the Experimental Kits"

Attendance Sheet

S.No.	Name of the Participant	01/11/2018		02/11/2018	
		FN	AN	FN	AN
1.	Mr.V.Rakesh Sharma	V.R Sharma	V.R Sharma	V.R Sharma	V.R Sharma
2.	Mr.P.Yerraiah	P.Yerraiah	P.Yerraiah	P.Yerraiah	P.Yerraiah
3.	Mrs.T.Rekha	T.Rekha	T.Rekha	T.Rekha	T.Rekha
4.	Mr.A.Jyothi Kishore	A.JK	A.JK	A.JK	A.JK
5.	Mr.G.Nishar Ahamed	G.Nishar Ahamed	G.Nishar Ahamed	G.Nishar Ahamed	G.Nishar Ahamed

Co-ordinator

HOD/EEE
HEAD

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VEMU INSTITUTE OF TECHNOLOGY
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VEMU INSTITUTE OF TECHNOLOGY

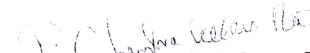
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PARTICIPATION CERTIFICATE

This is to certify that Mr/Ms/Miss A. Jyothi kishor
of EEE department has actively participated in Two days workshop on
“Maintenance of Power Earthing for all the Experimental Kits” on
01/11/2018 & 02/11/2018 organized by Department of Electrical & Electronics Engineering,
Vemu Institute of Technology, P.Kothakota.


Dr.D.Chandrasekhar
HOD-EEE


Dr.T.Chandra Sekhar Rao
Principal

VEMU INSTITUTE OF TECHNOLOGY

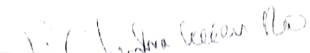
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PARTICIPATION CERTIFICATE

This is to certify that Mr/Ms/Miss G. Nishar Ahamed
of EEE department has actively participated in Two days workshop on
“Maintenance of Power Factoring for all the Experimental Kits” on
01/11/2018 & 02/11/2018 organized by Department of Electrical & Electronics Engineering,
Vemu Institute of Technology, P.Kothakota.


Dr. D. Chandrasekhar
HOD-EEE


Dr. T. Chandra Sekhar Rao
Principal



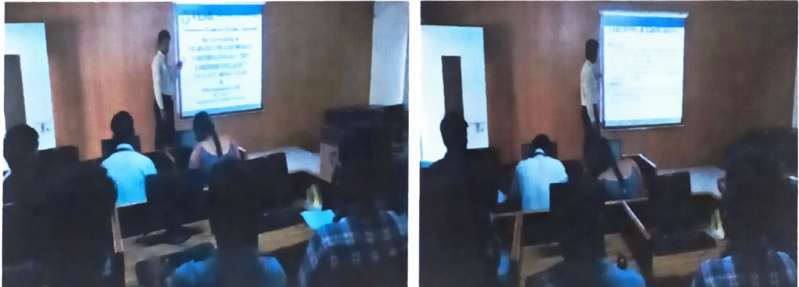
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Department of Electrical & Electronics Engineering

REPORT

Event Type	Offline Staff Skill Development Program
Title of the Event	Two days workshop on “Maintenance of Power Earthing for all the Experimental Kits”
Dates	01/11/2018 & 02/11/2018
Keynote speaker	Dr.D.Chandrasekhar,HOD, Dept.of EEE,Vemu institute of technology, P.Kothakota.
Faculty Coordinator	Mr.M.Murali
Venue	Simulation Lab
Benefited Persons	EEE Lab technicians (5 Participants)
Description about the Event	<p>The main objective of this Staff Skill Development Program is to provide information about necessities and process of earthing for both DC and AC experimental kits. Grounding is similar to Earthing, which achieves insulation against accidental currents. The main live wire is connected to a power supply to power an appliance. However, the other portion of the wire is led under the earth. This is done in case of an accidental cut in the circuit to avoid overloading and other dangerous side effects. Earthing is defined as the process of protecting against unwarranted spikes and bouts of electricity that can cause damage to life and property. If a circuit is grounded through a capacitor it is referred to as AC-grounded because only AC signals can pass through the cap to ground, DC levels are blocked. Whereas if a circuit is such that DC current can flow to ground, such as through a resistor, then it is considered to be DC-grounded. If we are willing to combining of DC & AC earthing through earthing conductors, then the chances for failure of whole system will be very high. The main reason behind is, AC systems have been carrying higher impedance and higher short circuit current compare than DC systems, specifically on Solar PV plants.</p>
Outcome	<ul style="list-style-type: none"> ❖ Grounding and earthing necessities in DC electrical kits., ❖ Maintenance of earthing in DC equipments, ❖ Grounding and earthing necessities in DC electrical kits and ❖ Maintenance of earthing in AC equipments.
Photos	

Co-ordinator

HOD / EEE
HEAD

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