



VEMU INSTITUTE OF TECHNOLOGY

P.Kothakota, Chittoor District -517112

PDP
on
“Equipment Servicing
and Calibration”

29.03.2021

to

31.03 2021

**A threeday personnel Development
Program
on**

**"Equipment Servicing &
Calibration"**

FROM 29th TO 31st MAR 2021



Organized by
Dept. of E. C. E



VEMU INSTITUTE OF TECHNOLOGY

Approved by AICTE, Permanently affiliated to JNTUA,
NAAC Accredited, ISO Certified institute & recognized under
12(B) & 2(F) UGC Act.

P.Kothakota, Tirupati – Chittoor Highway, Chittoor District,
Andhra Pradesh – 517112. www.vemu.org

(As a part of MOU Activity)

In Association with

AKADEMIKA

AKADEMIKA LAB SOLUTIONS

HYDERABAD-50006

Cell No: +91 9397897857

www.akademika.in

CHIEF PATRON:

Prof. K. Chandra Sekhar Naidu,
Chairman, VEMU IT.

PATRON:

Dr. K. Naveen Kilari, Principal, VEMU IT.

CONVENER:

Dr. S. Muni Rathnam, HOD-ECE, VEMU IT.

COORDINATOR:

Mrs. R.Narayana Rao, Asst.Prof. in ECE, VEMU IT.

ORGANIZING COMMITTEE:

- ❖ Dr. G. Elaiyaraja, Professor
- ❖ Dr. S. Muralimohan, Professor
- ❖ Mr. G. Sankarappa, Associate Professor
- ❖ Mr. N. Prakash Babu, Associate Professor
- ❖ Mrs. K. Jaya Sree, Associate Professor
- ❖ Mrs. R. Rani, Associate Professor
- ❖ Mr. Y. Mahesh, Associate Professor
- ❖ Mr. N. Kiran Kumar, Associate Professor
- ❖ Mrs. A. Kusuma kumari, Associate Professor
- ❖ Mrs. P. Tejaswini, Assistant Professor
- ❖ Mrs. D. Reena, Assistant Professor
- ❖ Mrs. J.V. Peshu, Assistant Professor
- ❖ Mrs. M. Bhargavi, Assistant Professor
- ❖ Mr. T. K. Kalaiarasan, Assistant Professor
- ❖ Mr. P. Vemaiah, Assistant Professor
- ❖ Mrs. P. Sirisha, Assistant Professor
- ❖ Ms. V. Bharathi, Assistant Professor
- ❖ Mrs. M. J. Chithraja, Assistant Professor
- ❖ Mr. B. Praveen Kumar, Assistant Professor
- ❖ Mr. D. Mohan Reddy, Assistant Professor
- ❖ Mr. N. Gangadharam, Assistant Professor
- ❖ Mr. V. Umamaheswararao, Assistant Professor
- ❖ Mr. M. Tulasiram, Assistant Professor
- ❖ Mr. M. Arun Kumar, Assistant Professor
- ❖ Mr. G. Sivakoteswara Rao, Assistant Professor
- ❖ Mr. C. Manikanta, Assistant Professor
- ❖ Mrs. B. Mounika, Assistant Professor
- ❖ Mr. R. Narayana Rao, Assistant Professor

❖ **Ms. C. Bhagya,** Assistant Professor

❖ **Mr. D. Bhanu Prakash Reddy,** Assistant Profes

❖ **Mr. M. Gopi,** Assistant Professor

ABOUT VEMU IT:

VEMU Institute of Technology (VEMU IT) is or the best and finest engineering college in Chittoor District Andhra Pradesh. Beginning its quality inputs in 2008, it attained ISO 2015:9001 certification for quality management within a short span of time. The institute's progress and contribution to the field of technical education for over one decade and accredited by NAAC in the 2017, Recognized under 2(F) and 12(B) UGC Permanent Affiliation with JNTUA (Anantapuramu), located in P. Kothakota, near Pakala & Tirupati - Chittoor Highway in a beautiful 16-acre campus. A diverse, talented community united by a passion for learning and quest more, VEMUIT challenges its students to make a difference on its campus, in the region, and in companies where ever they join. With unmatched results in every sphere of education, its commitment to be the best has grown to transform its departments into Centers of Excellence.

INDUSTRY SUPPORTED LABS:

With the support of the industry, Vemu Institute of Technology established the following laboratories in the college for the benefit of students to get trained in emerging technologies.

- Dassault's 3D Experience Center
- AP CM's Skill Excellence Center
- YMTS Innovation Center
- Pavan Empower Solutions Lab
- Industrial IoT Lab
- Transformer Testing and manufacturing Lab

- Cloud Computing and Cyber Security Labs
- e-Yantra Robotics Lab

Features:

- MOUs with industries for internship, Training and projects viz. UI Path, RAVANDS, SNAM Alloys, CODE TANTRA, Young Minds Technology solutions, SR Unique solutions, Sigma Controls etc.
- MHRD – Institution's Innovation Council (IIC) has been established and actively functioning.
- Certification courses by foreign universities

Other features:

- Promotion of industry-institution interaction exchange programs.
- Regular seminars, workshops and guest lectures by eminent Professors from Universities and Industry
- Training for Placements right from 1st year
- Special focus on Communication skills, analytical skills and technical skills
- Entrepreneurship Development Cell to make the students entrepreneurs
- R & D cell to inculcate the quest of research in students
- In-Plant Training and Internship arrangement for students
- Counseling by senior faculty members.
- Management headed by a retired and accomplished Professor
- Cultural and sports forums to encourage extracurricular activities

➤ Classrooms are spacious and well-furnished and provided with Audio-Visual teaching aids and the laboratories are equipped beyond the curriculum requirements

➤ Exposure for students to the recent trends in technology through innovative teaching learning methods

➤ Merit Scholarships of 10,000 / 5,000 for all those merit students who secure more than 85% / 80% marks in every year.

ABOUT THE DEPARTMENT:

The department offers B. Tech. in Electronics & Communication Engineering, and M. Tech in VLSI Design and Embedded System. The department has highly qualified faculty members, state of art laboratories and infrastructure. Continuing Education programs and customized training / workshops are being organized by industry personnel on regular basis. Students of the department are actively involved in various Co-curricular & Extracurricular activities and extension activities as a part of student's association (ELITES) activities. Both ECE Students and Faculties are having memberships in IETE, ISTE, IEEE etc., The Department has a full-fledged departmental library.

ABOUT PDP

Equipment Servicing & calibration refers to servicing of Cathode ray oscilloscopes, Function Generators, Digital Trainer kits, multimeters, LCR meters, Regulated power Supplies, Circuit Boards of various amplifiers for detecting the trouble and make it to function properly. Calibration is the process of configuring an instrument to provide a result within an acceptable range and eliminating or minimizing

factors that cause inaccurate measurements is a fundamental aspect of calibration. Proper functioning of all sections of electronic circuits is essential to have better understanding of theoretical concept.

This PDP aims to improve skills of lab technicians towards usage and functioning of all electronic equipment.

Registration Link: <https://docs.google.com/forms/d/e/1FAIpQL>

GUIDELINES:

- ✓ No Participation fee will be collected
- ✓ Maximum no. of participants limited to 20 only
- ✓ 100% attendance is mandatory to issue Certificate.
- ✓ Participants will be selected on first come first serve and will be intimated through the e-mail only
- ✓ Participation certificate will be provided.

Accommodation:

- ✓ Free boarding and lodging will be provided for outstation participants.

FOR MORE DETAILS CONTACT:

Email ID: hodece@vemu.org

Phone Numbers: +91 9866621280,



VEMU INSTITUTE OF TECHNOLOGY
P.KOTHAKOTA, TIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112
(Permanently Affiliated to JNTUA Ananthapuramu, Approved by AITE New Delhi, Accredited by NAAC,
Recognized under 2(F) & 12(B) UGC Act and ISO 9001:2015 Certified Institution)
DEPARTMENT OF E.C.E

Three Day PDP on "Equipment Servicing & Calibration"

29th - 31st March 2021

DATE & DAY	Morning Session (10.00 AM– 11.00 AM) & (11.15 AM & 01.00 PM)		Afternoon Session (02.00 PM– 03.30 PM)
29 th March 2021	Inaugural Session	Lunch Break	Need for Calibration
	Introduction to Electronic equipment's		Communication Kit Servicing
30 th March 2021	Analog meters calibrations		Microwave bench setup Servicing
	Digital meters calibrations		Power supply Calibrations
31 st March 2021	RPS Calibrations		RPS parts replacing
	Laser kit Servicing		Valedictory

*Note: For every two hours tea break.


Faculty Incharge


HOD-ECE
HEAD
DEPARTMENT OF ECE
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112



VEMU INSTITUTE OF TECHNOLOGY::P.KOTHAKOTA

P.KOTHAKOTA, TIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112
(Permanently Affiliated to JNTUA Ananthapuramu, Approved by AICTE, New Delhi, Accredited by NAAC,
Recognized under 2(F) & 12(B) UGC Act and ISO 9001:2015 Certified Institution)

DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING A Three day PDP on "Equipment Servicing & Calibration" Attendance

S.No.	Name of the Participant	29.03.21		30.03.21		31.03.21		Remarks
		PN	AN	PN	AN	PN	AN	
1.	Lakshmi Lawanga	✓	✓	✓	✓	✓	✓	
2.	V. Mounika	✓	✓	✓	✓	✓	✓	
3.	K. Chandu	✓	✓	✓	✓	✓	✓	
4.	Greeha	✓	✓	✓	✓	✓	✓	
5.	Subramanyam	✓	✓	✓	✓	✓	✓	
6.	S. Nagaraja	✓	✓	✓	✓	✓	✓	
7.	S. M. Jareena	✓	✓	✓	✓	✓	✓	
8.	A. Vanitha	✓	✓	✓	✓	✓	✓	
9.	Munisar Bashu	✓	✓	✓	✓	✓	✓	
10.	Masthan	✓	✓	✓	✓	✓	✓	
11.	Purushotham	✓	✓	✓	✓	✓	✓	
12.	Raj Kumar	✓	✓	✓	✓	✓	✓	
13.	V. Arand	✓	✓	✓	✓	✓	✓	
14.	K. Raj Sekhar	✓	✓	✓	✓	✓	✓	
15.	M. Ashok	✓	✓	✓	✓	✓	✓	
16.								
17.								
18.								
19.								
20.								
21.								
22.								
23.								
24.								
25.								
26.								
27.								

Faculty in charge

HOD-ECE
HEAD
DEPARTMENT OF ECE
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112



VEMU INSTITUTE OF TECHNOLOGY

P KOTHAKOTA, TIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112
(Permanently Affiliated to JNTUA Ananthapuram, Approved by AITE New Delhi, Accredited by NAAC,
Recognized under 2(F) & 12(B) UGC Act and ISO 9001:2015 Certified Institution)

DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING

Report-on PDP

Agenda: A PDP on **Equipment Servicing & Calibration**

Date: 29th March 2021 - 31st March 2021

Resource Person: Mr. D.Nagaraju

The PDP on Equipment Servicing & Calibration was conducted by department of Electronic Communication & Engineering for non-teaching staff to upgrade their skills 29th March 2021 - 31st March 2021.

Photos





VEMU INSTITUTE OF TECHNOLOGY

P. KOTHAKOTA, THIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112
(Permanently Affiliated to JNTUA Ananthapuram, Approved by AITE New Delhi, Accredited by NAAC,
Recognized under 2(F) & 12(B) UGC Act and ISO 9001:2015 Certified Institution)

DEPT OF ELECTRONICS & COMMUNICATION ENGINEERING

Head of the department Dr. S. Muni Ratnam invited resource persons on the dais and introduced to staff members and shared his valuable speech regarding the importance of workshop. Principal, Dr. K. Naveen, has given the awareness on calibration of equipment's.

The workshop was conducted for three day with duration of eight hours per day. The total registered strength was twenty-seven from both inside and outside college. The program was held in ECE Seminar hall.

This workshop is aimed upgrade the skills on "Equipment Servicing & Calibration". By providing Hands-on training to technicians, they could get an idea on handling electronic equipment's.

During the three-day program, the resource person discussed about calibration of electronic equipment's, how to calibrate the Analog and Digital meters, different methods of calibrations and benefits of calibrations. Resource person also gave training how to service equipment of Analog communications kits, microwave bench setup kits.

The resource person concluded the workshop successfully by boosting confidence levels of lab technicians by clarifying their doubts.

The resource person was felicitated by the head of the department and faculty members and workshop ended with vote of thanks by coordinator Mr. M. Tulasi Ram.


Faculty In-charge


Head of the Department
HEAD
DEPARTMENT OF ECE
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112



VEMU INSTITUTE OF TECHNOLOGY

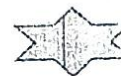
P.KOTHAKOTA, NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Accredited by NAAC & NBA
Recognised under 2(F) & 12(B) of UGC Act 1956, An ISO 9001:2015 certified Institute)

Department of Electronics and Communication Engineering



Certificate of Participation



This is to certify that

✓
Mr./Mrs./Ms.-----S.M. JAREENA-----

of

-----VEMU IT-----

has actively participated in three day PDP on "Equipment Servicing & Calibration" Organized by the Department of Electronics and Communication Engineering, VEMU Institute of Technology, P.Kothakota, In Association with Akademika Lab Solutions., Hyderabad, from 29th to 31st March 2021.

Co-Ordinator
Mr. R.Narayana Rao

HOD-ECE
Dr. S.Munirathnam

PRINCIPAL
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112

Principal
Dr.Naveen Kilari



VEMU INSTITUTE OF TECHNOLOGY

P.KOTHAKOTA, NEAR PAKALA, CHITTOOR-517112

(Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA, Accredited by NAAC & NBA
Recognised under 2(F) & 12(B) of UGC Act 1956, An ISO 9001:2015 certified Institute)

Department of Electronics and Communication Engineering



Certificate of Participation



This is to certify that

✓
Mr./Mrs./Ms.-----P. KUMAR GUNASEKHAR

of

VEMU IT

has actively participated in three day PDP on "Equipment Servicing & Calibration" Organized by the Department of Electronics and Communication Engineering, VEMU Institute of Technology, P.Kothakota, In Association with Akademika Lab Solutions., Hyderabad, from 29th to 31st March 2021.

Co-Ordinator
Mr. R.Narayana Rao

HOD-ECE
Dr. S.Munirathnam

PRINCIPAL
VEMU INSTITUTE OF TECHNOLOGY
P. KOTHAKOTA - 517 112

Principal
Dr.Naveen Kilari