



**VEMU INSTITUTE OF TECHNOLOGY**

**P.Kothakota, Chittoor District -517112**

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**PDP**  
**on**  
**“Servicing of**  
**Communication Kits”**

**29.11.2021**

**to**

**30.11 2021**

**A twoday personnel Development  
Program  
on**

**"Servicing of  
Communication Kits"**

**On 29<sup>th</sup> & 30<sup>th</sup> NOV 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](http://www.vemu.org)

**(As a part of MOU Activity)**

**In Association with**

**AKADEMIKA**

**AKADEMIKA LAB SOLUTIONS**

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**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
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- ❖ 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 Dist Andhra Pradesh. Beginning its quality inputs in 2008, i attained ISO 2015:9001 certification for qu management within a short span of time. The institut progress and contribution to the field of technical educ 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 - Chi Highway in a beautiful 16-acre campus. A diverse, tale community united by a passion for learning and ques more, VEMUIT challenges its students to mak difference on its campus, in the region, and in companies where ever they join. With unmatched resul every sphere of education, its commitment to be the has grown to transform its departments into Cente Excellence.

**INDUSTRY SUPPORTED LABS:**

**With the support of the industry, Vemu Institut Technology** established the following laboratories in 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 Centen
- 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

Servicing of Communication Kits refers to servicing of digital communication and analog communication kits. Each communication kit contains transmitter and receiver sections. Transmitters have carrier generation, modulator, filters, pre-emphasis etc. Receivers have local oscillator, mixer, demodulator and de-emphasis etc. in Analog communication kits. Baseband amplifier, sample & hold, decoder, encoder and reconstruction filter etc. Proper functioning of all sections of communication equipment is essential to have better understanding of communication concept.

This PDP aims to enhance skills of lab technicians in all aspects of using communication kits.

### Registration

**Link:** [https://docs.google.com/forms/d/e/1FAIpQLSdzOqLOZiYdqASOK4tm8Ftl7lsYApzuMhWt2KAp2eK-WpFx0g/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdzOqLOZiYdqASOK4tm8Ftl7lsYApzuMhWt2KAp2eK-WpFx0g/viewform?usp=sf_link)

### 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](mailto:hodece@vemu.org)

**Phone Numbers:** +91 9866621280,



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P.KOTHAKOTA, TIRUPATHI-CHITTOOR ROAD, CHITTOOR, AP-517112  
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Recognized under 2(F) & 12(B) UGC Act and ISO 9001:2015 Certified Institution)

**DEPARTMENT OF E.C.E**

**Two Day PDP on "Servicing of Communication Kits"**

**29<sup>th</sup> – 30<sup>th</sup> November 2021**

| DATE<br>& DAY                  | Morning Session<br>(9.30 AM– 11.00 AM)<br>&<br>(11.15 AM & 01.00 PM) | Lunch Break | Afternoon Session<br>(02.00 PM– 03.30 PM)  |
|--------------------------------|----------------------------------------------------------------------|-------------|--------------------------------------------|
|                                | Inaugural Session                                                    |             | Servicing of analog<br>communication kits  |
|                                | Servicing of Digital<br>communication kits                           |             | Servicing of Digital<br>communication kits |
| 29 <sup>th</sup> November 2021 |                                                                      |             |                                            |
| 30 <sup>th</sup> November 2021 |                                                                      |             |                                            |

\*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

NEAR PAKALA, CHITTOOR-517112

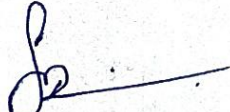
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING ATTENDANCE SHEET – SKILL DEVELOPMENT PROGRAM

| S.No. | Name of the Participant | 29/11/2018 |     | 30/11/2018 |     |
|-------|-------------------------|------------|-----|------------|-----|
|       |                         | FN         | AN  | FN         | AN  |
| 1.    | Mr.E.Yunus Khan         | Yun        | Kan | Yun        | Kan |
| 2.    | Mrs.S.M.Jareena         | Jare       | ena | Jare       | ena |
| 3.    | Ms.A.Mohana kumari      | Moha       | kum | Moha       | kum |
| 4.    | Mr.K.Jaya kumar         | Jay        | kum | Jay        | kum |
| 5.    | Mrs.P.Roja              | Roj        | a   | Roj        | a   |
| 6.    | Mrs.A.Radha             | Rad        | ha  | Rad        | ha  |
| 7.    | Ms.V.Bindhu             | Bind       | hu  | Bind       | hu  |
| 8.    | Ms.V.Yamuna             | Yam        | una | Yam        | una |
| 9.    | Mr.M.Sathish kumar      | Sath       | kum | Sath       | kum |

  
CO-ORDINATOR

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



## Report-on PDF

Agenda: A PDP on **Servicing of Communication Kits**

Date: 29<sup>th</sup> November 2021 - 30<sup>th</sup> November 2021

Resource Person: Mr. D Nagaraju

The workshop on Servicing of Communication Kits was conducted by department of Electronics & Communication Engineering for non-teaching staff to upgrade their skills 29<sup>th</sup> November 2021 - 30<sup>th</sup> November.

Head of the department Dr. S. Muni Ratnam invited resource person 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 servicing of communication kits.

The workshop was conducted for two days with duration of eight hours per day. The total registered strength was twenty-eight from both inside and outside college. The program was held in AC Lab hall.





This workshop is aimed upgrade the skills on "Servicing of Communication kits". 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

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



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## Department of Electronics and Communication Engineering



### Certificate of Participation



This is to certify that

Mrs. A. VANITHA

of

VEMU IT

has actively participated in two day PDP on "Servicing of Communication Kits" Organized by the  
Department of Electronics and Communication Engineering, VEMU Institute of Technology  
P.Kothakota, In Association with Akademika Lab Solutions, Hyderabad, on 29<sup>th</sup> & 30<sup>th</sup> November 2021.

Co-Ordinator  
Mr.R.Narayana Rao

PRINCIPAL  
VEMU INSTITUTE OF TECHNOLOGY  
P.KOTHAKOTA-517 112  
HOD-ECE  
Dr.S.Munirathnam

Principal  
Dr.Naveen





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## Department of Electronics and Communication Engineering



### Certificate of Participation



This is to certify that

Mrs. B. MOONIKA

of

VEMU IT

has actively participated in two day PDP on "Servicing of Communication Kits" Organized by Department of Electronics and Communication Engineering, VEMU Institute of Technology, P.Kothakota, In Association with Akademika Lab Solutions, Hyderabad, on 29<sup>th</sup> & 30<sup>th</sup> November 2021.

Co-Ordinator  
Mr.R.Narayana Rao

PRINCIPAL  
VEMU INSTITUTE OF TECHNOLOGY  
P.KOTHAKOTA

HOD-ECE  
Dr.S.Munirathnam

Principal  
Dr.Naveen