

**VIGNAN'S**

Foundation for Science, Technology &amp; Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

NAAC A+

Accredited University 2019

NIRF RANK 75<sup>th</sup>

Bharat Most Valuable University 2020

**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**  
**Awareness on Higher Education**

Date: 02.09.2023

Venue: Vejendla

On the 2nd of September 2023, Awareness on Higher Education was organized by the ECE department of UEAC wing in the nearby Vejendla village. This event aimed to create awareness on Higher education and to provide brief information about higher education among the students. The target audience for this event was students in the nearby government school of Vignan's University.

This event began at 11:30 AM with a brief introduction about the NSS program and the significance of the event, with a total of 30 NSS coordinators and volunteers. The NSS unit has reached a total no of 300 students of class 8,9 from the nearby government school for this event. After the introduction, the awareness on Higher education begins. The attendees were provided with a brief about this event by explaining the importance of education and higher education. This was delivered by the NSS coordinators and the Volunteers.

In Conclusion, the awareness on Higher education event organized by Team NSS of the ECE department of Vignan University was a successful event that created awareness on Higher education and the importance of Higher education.



**List of volunteers:**

Awareness on Higher Education in Vejendla, ZPHS on 02.09.2023			
S.No	Reg.No	Name of the Student	Branch
1	211FA04425	D.SNEHA NAVYA SRI	ECE
2	211FA04448	G.AKHILA	ECE



**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**

3	211FA04473	V.KRISHNA LIKHITHA	ECE
4	211FA04497	A.THRIVENI	ECE
5	211FA04597	Y.SNEHA LATHA	ECE
6	211FA04600	CH.HIMAJA	ECE
7	211FA04502	K.NIHARIKA	ECE
8	211FA04503	T.NAGA SRIDEVI	ECE
9	211FA04272	K.AKSHAY KUMAR	ECE
10	211FA04243	V.MANIKANTA	ECE
11	211FA04505	G.MADHURI	ECE
12	211FA04522	M.VENKATESH	ECE
13	211FA04390	P.YOGESHWAR	ECE
14	211FA04363	M.ROSHINI	ECE
15	211FA04394	CH.MANOJ	ECE
16	211FA04395	A.KOTI REDDY	ECE
17	211FA04396	SK.SAMIYAN	ECE
18	211FA04355	CH.VIJAY	ECE
19	211FA04371	V.MANJUNADH	ECE
20	211FA04100	S.AKANKSHA	ECE
21	201FA05043	VAKKANTI LAKSHMI REVANTH KUMAR	ECE
22	201FA05104	MADATALA TEJA REDDY	ECE
23	201FA05092	MONU KUMAR	ECE
24	201FA05093	DANTLA SUDHAKAR REDDY	ECE
25	201FA05094	BODALA MEGHANA	ECE
26	201FA05103	KELLA TRINATH	ECE
27	201FA05104	MADATALA TEJA REDDY	ECE
28	201FA05105	ANNAM AKASH	ECE
29	201FA06003	VEJENDLA AKASH	ECE
30	201FA05046	CHUKKA YESWANTH VENKATA GANESH	ECE



**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**  
**Awareness on Cyber Crimes**

Date: 12.09.2023

Venue: Selapadu

On September 12, 2023, the ACSE department of UEAC team organized an awareness camp to raise awareness on the problems and awareness levels related to two important issues: cybercrimes. The goal of the activity is to give a thorough overview of cybercrimes. To effectively address and overcome these challenges, it is crucial to comprehend the degree of awareness and information regarding them.

It has been organized to bring awareness about critical issues faced by today's society. The event was held in Selapadu village at 1:30 PM. A total of 41 members gets involved in the event. That includes section coordinators and two volunteers per section from the ACSE department. The event was conducted to increase concern in today's digitally driven world about how cybercrimes threaten the security and privacy of individuals and organizations.

The Program commences with Assemble every one of the NSS (Volunteers and Members) and at 1:00 PM the dividing of groups takes place according to the disciplines of the branches and each group has contributed their efforts to make people understand Cyber-crimes. By 3:30 PM, all of them came back to college, to report their respective chief organizers.

Thereby after a small interaction with the NSS core team and an appreciation for the accomplishment of the event further proceeded by taking a few photographs Finally Everyone was dispersed to their respective classes with a thank you note.



**Awareness on Cyber Crimes at Selapadu on 12.09.2023**

**List of volunteers:**

<b>Awareness on Cyber Crimes at Selapadu on 12.09.2023</b>			
<b>S. No</b>	<b>Reg. No</b>	<b>Name of the Student</b>	<b>Branch</b>
1	221FA19022	GADIPUDI VINEELA CHOWDARY	ACSC
2	211FA19010	PALEM ANNJANA	ACSC



**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**

3	221FA19025	YANDRAPU MAHESH	ACSC
4	221FA19030	GEDELA SIVA NAGA SAI NITEESH BABU	ACSC
5	221FA19045	PULUGU SIRIVARSHINI	ACSC
6	221FA19063	LAVU UHA SARANYA	ACSC
7	221FA19013	POLEPALLI NARASIMHA RAO	ACSC
8	221FA20064	PATIBANDLA SAI DEEPAK	ACSC
9	221FA20014	MALINENI SRIHARI	ACSC
10	221FA20015	REDDY BHARGAV	ACSC
11	221FA20016	KOLA VARUN KUMAR REDDY	ACSC
12	221FA20017	SWARNA SRI KAVYA	ACSC
13	221FA20018	NARAYANAM LASYA	ACSC
14	201FA19033	ANAPA LIKITHA	ACSC
15	211FA19001	KOTAMRAJU UMESH CHANDRA	ACSC
16	211FA19008	SAKALA VASU VAMSI KRISHNA	ACSC
17	211FA19009	GOGADA JYOTHI SUBRAHMANYAM SAI	ACSC
18	221FA19024	GOGINENI HARI PRASAD	ACSC
19	211FA19011	KALLAM THANUJA	ACSC
20	211FA19012	KOVVURI SHANMUKHA SAI KUMAR REDDY	ACSC
21	221FA19046	DEVABHAKTUNI AMAR SAI CHOWDARY	ACSC
22	221FA19047	KAMINENI BABY TEJASWI	ACSC
23	221FA19059	YARRAM VENKATA VAMSIDHAR	ACSC
24	201FA20007	PACHIPULUSU MANASA MEGHANA	ACSC
25	201FA19032	MAKANI HITESH HARI HARANANDH	ACSC
26	221FA19052	VADDURI VENKATA GIRISH	ACSC
27	221FA19053	YADLAPALLI VISHNU VARDHAN	ACSC
28	221FA19054	ADARAPU SANDEEP	ACSC
29	201FA19020	GANDI SHIVA PADMA RAJA MANIKANTA	ACSC
30	221FA19048	KAMINENI LEELA TAPASWI	ACSC
31	221FA19060	CHIMATA OMKAR LAKSHMI	ACSC
32	221FA19061	MIRIYALA NAGA SAI	ACSC
33	221FA19062	SYED SHANIKA ZAIDA	ACSC
34	221FA19046	DEVABHAKTUNI AMAR SAI CHOWDARY	ACSC
35	201FA19019	NANDIGAM SOWMYA	ACSC
36	201FA19020	GANDI SHIVA PADMA RAJA MANIKANTA	ACSC
37	221FA19055	CHINTHA SATISH KUMAR	ACSC
38	201FA19022	GUNDUBOYINA SAGAR REDDY	ACSC
39	201FA20006	VEMULURI HEMANTH KUMAR	ACSC
40	221FA19049	GANTA SUNDEEP	ACSC
41	221FA19051	SHAIK SOHAIL AHAMMED	ACSC

**VIGNAN'S**

Foundation for Science, Technology &amp; Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956

NAAC A+

Accredited University 2019

NIRF RANK 75<sup>th</sup>

Batches over 1000

**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**  
**Awareness on Rainwater Harvesting**

Date: 17.10.2023

Venue: Garuvupalem

This activity awareness on rainwater harvesting aims to provide a comprehensive overview on how people can use natural rainwater. Understanding the importance of rainwater harvesting and getting an idea about this is the main concept of this program. This awareness camp was held on October 17, 2023, by NSS members of the biotechnology department of team UEAC.

It has been organized to bring awareness about rainwater harvesting, an innovative technique that can be useful to the farmers and many households. The event was held in Jagarlamudi village from 2.00PM to 4.00PM. The core team members of NSS organized this program along with volunteers and members. This program mainly focuses on how this rainwater harvesting will be helpful to farmers and people for different purposes like irrigation, cooking, washing and cleaning. The objective of this program is to guide the people in the village about how they can make use of this easy natural technique.

The Program commences with assembling every one of the volunteers and members of the biotechnology department, and at 2.00PM the dividing of groups takes place accordingly, and each group has contributed their efforts to make people understand about rainwater harvesting. By 4.00 PM, all 41 volunteers came back to college. Thereby, after a small interaction with the NSS core team and an appreciation for the accomplishment of the event, everyone has been dispersed to their respective classes with a thank-you note.



**Awareness on Rain Water harvesting at Sangam Jagarlamudi on 17.10.2023**



**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**

**List of volunteers:**

<b>Awareness on Rain Water harvesting on 17.10.2023</b>			
<b>S. No</b>	<b>Reg. No</b>	<b>Name</b>	<b>Branch</b>
1	201FA01077	K.SAI GANESH SAINATH	BIOTECH
2	211FA01106	VARSHINI.S	BIOTECH
3	211FA01058	SAI HARSHITHA.M	BIOTECH
4	211FA01079	SAI TEJA	BIOTECH
5	211FA01087	RAMYA	BIOTECH
6	211FA01072	DIVYA	BIOTECH
7	211FA01084	NITHYA	BIOTECH
8	211FA01071	AARTHI	BIOTECH
9	221FA14047	GEETIKA	BIOTECH
10	221FA14028	HABIB	BIOTECH
11	221FA14076	SK.ANJUM	BIOTECH
12	221FA14072	AKILA	BIOTECH
13	221FA14075	SK.FUZEL	BIOTECH
14	221FA01050	SK.SAMIMOOON	BIOTECH
15	221FA01031	K.PRAVEENA	BIOTECH
16	221FA01030	M.SINDHU PRIYA	BIOTECH
17	221FA01049	SK.SAFIYA	BIOTECH
18	221FA01014	VASUNDHARA	BIOTECH
19	221FA01012	AKHILA	BIOTECH
20	221FA01004	AMRESH KUMAR	BIOTECH
21	221FA01005	PRINCE KUMAR	BIOTECH
22	221FA01027	NITISH KUMAR	BIOTECH
23	221FA01001	SAKLEEN RAZA	BIOTECH
24	221FA01109	M.ASWITHA	BIOTECH
25	221FA01104	J.TRIVENI	BIOTECH
26	221FA01108	MD.FARHEEN	BIOTECH
27	221FA01135	T.BHAVYA	BIOTECH
28	221FA01103	G.SAHITHI	BIOTECH
29	221FA01092	P.GAYATHRI	BIOTECH
30	221FA01130	PRASANTH	BIOTECH
31	221FA01112	HARSHINI	BIOTECH
32	221FA01167	MADHAVI	BIOTECH
33	221FA01183	G.VIGHNA NAGA SANTHASHI	BIOTECH



**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**

34	221FA01164	SD.NAGIYA	BIOTECH
35	221FA01202	NIDHI CHOWDARY	BIOTECH
36	221FA01148	LALITHA DEVI	BIOTECH
37	221FA01163	HARSHAD	BIOTECH
38	221FA01176	SOHIL	BIOTECH
39	221FA01191	DIKSHA	BIOTECH
40	221FA01136	CHANDRIKA	BIOTECH
41	221FA01146	HUSSAIN	BIOTECH

**Awareness on Rainwater Harvesting**

Date: 17.10.2023

Venue: Garuvupalem

This activity awareness on rainwater harvesting aims to provide a comprehensive overview on how people can use natural rainwater. Understanding the importance of rainwater harvesting and getting an idea about this is the main concept of this program. This awareness camp was held on October 17, 2023, by NSS members of the biotechnology department of team UEAC.

It has been organized to bring awareness about rainwater harvesting, an innovative technique that can be useful to the farmers and many households. The event was held in Jagarlamudi village from 2.00PM to 4.00PM. The core team members of NSS organized this program along with volunteers and members. This program mainly focuses on how this rainwater harvesting will be helpful to farmers and people for different purposes like irrigation, cooking, washing and cleaning. The objective of this program is to guide the people in the village about how they can make use of this easy natural technique.

The Program commences with assembling every one of the volunteers and members of the biotechnology department, and at 2.00PM the dividing of groups takes place accordingly, and each group has contributed their efforts to make people understand about rainwater harvesting. By 4.00 PM, all 41 volunteers came back to college. Thereby, after a small interaction with the NSS core team and an appreciation for the accomplishment of the event, everyone has been dispersed to their respective classes with a thank-you note.



**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**



**Awareness on Rain Water harvesting at Sangam Jagarlamudi on 17.10.2023**

**List of volunteers:**

Awareness on Rain Water harvesting on 17.10.2023			
S. No	Reg. No	Name	Branch
1	201FA01077	K.SAI GANESH SAINATH	BIOTECH
2	211FA01106	VARSHINI.S	BIOTECH
3	211FA01058	SAI HARSHITHA.M	BIOTECH
4	211FA01079	SAI TEJA	BIOTECH
5	211FA01087	RAMYA	BIOTECH
6	211FA01072	DIVYA	BIOTECH
7	211FA01084	NITHYA	BIOTECH
8	211FA01071	AARTHI	BIOTECH
9	221FA14047	GEETIKA	BIOTECH
10	221FA14028	HABIB	BIOTECH
11	221FA14076	SK.ANJUM	BIOTECH
12	221FA14072	AKILA	BIOTECH
13	221FA14075	SK.FUZEL	BIOTECH
14	221FA01050	SK.SAMIMOOON	BIOTECH
15	221FA01031	K.PRAVEENA	BIOTECH
16	221FA01030	M.SINDHU PRIYA	BIOTECH
17	221FA01049	SK.SAFIYA	BIOTECH



**University Extension Activity Council (UEAC)**  
**Annual Report – 2023-24**

18	221FA01014	VASUNDHARA	BIOTECH
19	221FA01012	AKHILA	BIOTECH
20	221FA01004	AMRESH KUMAR	BIOTECH
21	221FA01005	PRINCE KUMAR	BIOTECH
22	221FA01027	NITISH KUMAR	BIOTECH
23	221FA01001	SAKLEEN RAZA	BIOTECH
24	221FA01109	M.ASWITHA	BIOTECH
25	221FA01104	J.TRIVENI	BIOTECH
26	221FA01108	MD.FARHEEN	BIOTECH
27	221FA01135	T.BHAVYA	BIOTECH
28	221FA01103	G.SAHITHI	BIOTECH
29	221FA01092	P.GAYATHRI	BIOTECH
30	221FA01130	PRASANTH	BIOTECH
31	221FA01112	HARSHINI	BIOTECH
32	221FA01167	MADHAVI	BIOTECH
33	221FA01183	G.VIGHNA NAGA SANTHASHI	BIOTECH
34	221FA01164	SD.NAGIYA	BIOTECH
35	221FA01202	NIDHI CHOWDARY	BIOTECH
36	221FA01148	LALITHA DEVI	BIOTECH
37	221FA01163	HARSHAD	BIOTECH
38	221FA01176	SOHIL	BIOTECH
39	221FA01191	DIKSHA	BIOTECH
40	221FA01136	CHANDRIKA	BIOTECH
41	221FA01146	HUSSAIN	BIOTECH

## PROCEEDINGS OF REGISTRAR

F.No: VFSTR/Reg/A1/Academics/2023

Date: 27.11.2023

Sub: VFSTR - Sharing of Academics and other facilities to the Public - order Issued.

Ref: With reference to the letter dated: 19-11-2023 by Dean, Academics for sharing Academic Activities with Public and approved by the Vice-Chancellor.

\*\*\*

### **ORDER:**

With immediate effect, the following Academics facilities of VFSTR will be shared to the public Schools, Colleges and other private institutions / organizations. With the prior notice and approval from the undersigned, the listed facilities can be used without disturbance to the regular academics of VFSTR.

Dean Academics must ensure all activities proceed without any discrepancy. To provide the facilities, concerned lab incharges, Faculty, Technical Staff, and Library incharges must be available.

### **List of Academic Facilities:**

S. No.	Academic facilities	Remarks
1	NTR Library	After 5.00 pm
2	Usage of Digital Library	6.00 pm to 7.00 pm
3	APSSDC Labs	On allotted slots only
4	Special Class Rooms for Self Study	Prior Approval from Dean Academics
5	Center of Excellence	On allotted slots only
6	Research Centres	After 5.00 pm
7	Academic Labs	7.00 am to 8.00 am & 5.00pm to 7.00 pm
8	Central Computing Facility	Allotted Slots only
9	Wi-Fi Facility	Digital Library only
10	Conference Hall	On allotted slots only



**REGISTRAR**

**VIGNAN'S FOUNDATION  
 FOR SCIENCE, TECHNOLOGY AND RESEARCH**  
 (Deemed to be University)  
 VADLAMUDI-522 213  
 NELUR (DISTRICT), A.P, INDIA

To,

Dean, Academics  
 All Deans & HoDs  
 Director, APSSDC  
 Heads of CoEs and Research Centres

Copy to

PA to the Vice-Chancellor  
 Assistant Registrars

# **Skill Development Labs**



# Andhra Pradesh State Skill Development Corporation

TECHNICAL SKILL DEVELOPMENT INSTITUTE



## VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be UNIVERSITY)

-Estd. u/s 3 of UGC Act 1956



*The Govt. of AP has formed 7 different 'Missions' to achieve double digit growth for the state and to make AP among the most developed state in the country. Among these, the 'Knowledge and Skills Mission' has been formed to provide trained and skilled manpower to all other Missions.*

## Aim

Andhra Pradesh State Skill Development Corporation aim is to train the students from different engineering streams to improve their skills and make them industry ready.

## Context

To target 20 million people in AP in next 15 years towards skilling and entrepreneurship to meet skilled human power demands of all Missions and shape AP as the skilled-workforce and knowledge hub for the world



## Vision

The Government of Andhra Pradesh has the vision (Swarna Andhra Vision 2029) to make Andhra Pradesh among the three best states in India by 2022 when India celebrates its 75th year of independence and to achieve the status of a developed state by 2029.

## Mission

Andhra Pradesh itself will have a requirement of approximately 10 million Skilled workers between 2012 till 2022, across the high-priority and emerging sectors.



*Vignan's Foundation for Science, Technology and Research is among the select few identified by APSSDC in this region to impart training to the youth in 7 different technical areas. The training will be provided by M/S Siemens Corporation for 2 years and subsequently will hand over the responsibilities to the university after 6 month training by VFSTR University staff under their supervision.*

*Prof. Ghanta Subba Rao, Special Secretary to A.P Government, Skill Development, Entrepreneurship and innovation Department; Ex.Officio Secretary to the Hon'ble Chief Minister of Andhra Pradesh; Director, Andhra Pradesh State Skill Development Corporation (APSSDC) has been inaugurated the APSSDC-tSDI labs and the soft launch has been done at VFSTR on 2nd February, 2017.*

Areas of

## **Training & Laboratories**

### **Design / Computer Based Tutorials Laboratory**

#### **Description**

Design/CBT lab is designed to teach the theory and tools of Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM) with an emphasis on the central role of the geometric model in their seamless integration and a focus on the integration of these tools and the automation of the product development cycle.

#### **Objectives**

The main objective of this lab is to teach students with the basic and advanced commands and tools necessary for professional 3D part design, assembly and drafting using Siemens Solid Edge and Manufacturing NX software. After completing this course, a student will be able to:

- ✓ Present an overview of CAD and describe its applications in different fields
- ✓ Describe common terms associated with CAD hardware and software.
- ✓ Outline the basic principles associated with CAD and demonstrate common drafting techniques and shortcuts
- ✓ Introduce the advanced capabilities of CAD to increase productivity
- ✓ Provide information about the CAD industry resources
- ✓ Use effectively CAD / CAM systems in order to produce the final NC code for the manufacturing of various mechanical parts and carry out exchange of data between CAD and CAM systems.

#### **Key areas covered**

- ✓ Computer-aided design (CAD) (Design)
- ✓ Siemens PLM Software
- ✓ Computer-aided engineering (CAE) (Simulation)
- ✓ Computer-aided manufacturing (CAM) (Manufacturing)
- ✓ POD software for online demonstration of various labs through tutorials

#### **Softwares used**

Solid edge, NX CAM, Siemens PLM Software, POD Software  
Design/CBT lab syllabus includes 14 modules, which covers Design, CAE and CAM exercises





## **CNC Machines Laboratory**

(Vertical Milling m/c & Lathe)

### **Description**

The Computer Numerical Control (CNC) Laboratory consists of LMW VJ 55 Vertical Machining Centre (VMC), SMARTURN and Siemens Simulation controllers for programming. The CNC laboratory aims to enhance the student's knowledge in development of practical knowledge on CNC machines and the lab caters the skills necessary for the development of a mechanical engineer pursuing further studies and a career in manufacturing area.

### **Objectives**

The main objective of Manufacturing CNC lab is to teach students to understand the basic concepts of computer numerical control (CNC) machine tool, machining methods and CNC programming. The Lab has Production model Smart turn CNC lathe and JV55 vertical machining center CNC milling machines with CAM simulation software's like, SINUTRAIN with Siemens controllers ( 828D, 802D) for programming simulation, Unigraphics NX10 (CAM). After completing this course, a student will be able to:

- ✓ Present an overview of CNC and describe its applications in different fields
- ✓ Outline the basic principles associated with CNC and demonstrate common Machining techniques.
- ✓ Introduce the advanced capabilities of CNC to increase productivity.
- ✓ Use effectively CAD/CAM systems in order to produce the final NC code for the manufacturing of various mechanical parts and carry out exchange of data between CAD and CAM systems.

### **Key areas covered**

- ✓ 1. Computer-aided manufacturing (CAM) (Manufacturing)
- ✓ 2. POD software for online demonstration of CNC lab through tutorials

### **Software is used**

SINU TRAIN for Sinumeric operate, NX CAM, POD Software, SINUMERIC 8400SL, SINUMERIC 828D/828D Basic training simulation modules.

### **List of Machinery Available**

- ✓ 1. Model Smart turn CNC lathe
- ✓ 2. JV55 vertical machining center
- ✓ 3. Siemens simulation controllers

### **SKILLS**

- ✓ Turning operations on machine elements like keys, M-codes, G-codes etc.
- ✓ Milling operations on machine elements like Face milling, tapping and tapper turning.
- ✓ Machine programming for performing various operations.

### **OUTCOMES Able to,**

- ✓ Self programming for machine elements.
- ✓ Perform milling and turning operations of various jobs.





## Welding Laboratory

### Description

The Welding course of study provides students with an opportunity to learn about the Industry as it relates to welding. Students will master a variety of welding competencies. Program standards are aligned to the requirements of the American Welding Society (AWS) for a Level I entry-level welder. The Welding Laboratory provides students with an environment where they are able to develop beneficial skills and knowledge in advanced welding techniques and methods. The lab is equipped for most common welding and cutting processes including oxy-fuel welding, shielded metal arc welding, gas tungsten arc welding, gas metal arc welding, resistance spot welding, and oxygen cutting.

### Objectives

The main objective of this lab is to teach students with the basic and advanced welding techniques and methods including safety precautions necessary while welding. The course is taught in line with the industrial needs. After completing this course, a student will be able to:

- ✓ Describe and demonstrate proper welding shop safety.
- ✓ Read and interpret symbols and plans utilized in the Welding industry.
- ✓ Demonstrate competency in shielded metal arc welding.
- ✓ Demonstrate competency in metal inert gas welding
- ✓ Demonstrate competency in flux cored arc welding
- ✓ Describe how the effects of heat, metal thickness and metal length influence welding/cutting techniques.
- ✓ Describe how the effects of heat, metal thickness and metal length influence cutting techniques.

### Key areas covered

- ✓ Welding safety and precautions
- ✓ Introduction to welding tools and equipment
- ✓ ARC Welding-AC
- ✓ ARC Welding-DC
- ✓ TIG Welding
- ✓ MIG Welding
- ✓ Oxy Acetylene Gas Welding
- ✓ Oxy Acetylene Gas Cutting

### List of equipment available

Auto K-400, Easyweld 400-T, RS 400, Migmatic 250, Transweld, Gas welding, Gas Cutting equipment, safety equipment and tools.

### SKILLS

- ✓ Learning of basic welding mechanism.
- ✓ Gas cutting of work pieces.
- ✓ Finishing and Grinding of work pieces.
- ✓ Learning of TIG welding method.
- ✓ Learning of MIG welding method.
- ✓ Learning of ARC welding method.
- ✓ Learning of GAS welding method.

### OUTCOMES Able to,

- ✓ Perform different welding operation like flat, horizontal, vertical and overhead.
- ✓ Perform gas cutting operation.
- ✓ Refrigeration & Air conditioning lab





## **Refrigeration & Air Conditioning Laboratory**

### **Description**

Refrigeration Technicians, commonly known as Refrigeration Mechanics, repair, install and troubleshoot refrigerating systems. They can work on industrial or residential climate-control systems, such as HVAC units, ice machines, beverage equipment and refrigerated storage units.

### **Objectives**

On completion of This course, the students are expected to gain knowledge about refrigeration and air conditioning system, analysis and design calculations.

### **The objectives of the course are to enable the student**

- ✓ Familiarize the components of refrigeration systems.
- ✓ Understand the principles of refrigeration and air conditioning.
- ✓ To understand vapour compression and vapour absorption system operation.
- ✓ Analyze the refrigeration cycles & methods for improving performance.
- ✓ Design refrigeration & air conditioning systems using cooling load Calculations.
- ✓ Know the application of refrigeration and air conditioning.
- ✓ Energy Conservation and Management.

### **Key areas covered**

- ✓ Various refrigeration cycles and its applications.
- ✓ Applications of various refrigeration and air conditioning machines

### **List of Equipment's Available**

Scroll Chiller (Air-cooled) 10 TR, VRF IV Plus system 8 HP, Ducted split unit 5.5 TR - Indoor, Outdoor, Cassette unit 1.5 TR – (Indoor, Outdoor), High wall split (2 star) 1 tr – (Indoor, outdoor), Window unit (2 star) 1 tr – (Indoor, outdoor), Deep Freezer Hard Top 100 Litres, Bottle Cooler Hard Top 300 Litres, Water cooler 20/20 Litres, Bottle Water Dispenser, Cold room 6000 BTU / Hr - Assembled Unit.

### **SKILLS**

- ✓ Vacuumization of Air-condition system.
- ✓ Refrigerant recharge operation.
- ✓ Brazing operation.
- ✓ Air filter cleaning and replacement.
- ✓ Repair of Compressor and Condenser.

### **OUTCOMES Able to,**

- ✓ Install and maintenance of various A/C Systems.
- ✓ Install and maintenance of various Refrigeration Systems.





## Home Electrical Laboratory

### Description

Electrical- Home lab is designed to teach the theory, tools of electrical house wiring, estimating and installing of electrical wiring in a safe manner as per the Indian electricity rules.

### Objectives

The main objective of this lab is to teach students with the basic and advanced controlling devices, protective devices and tools necessary for wiring in respective of different applications. After completing this course, a student will be able to:

- ✓ Read blueprints or technical diagrams of electrical wiring.
- ✓ Select right and suitable components, devices for controlling and protecting the electrical items and peripherals
- ✓ Install and maintain electrical wiring circuits in a safe manner
- ✓ Inspect and make clearance for giving main supply by avoiding loose contacts in controllers, fuse and circuit breakers.
- ✓ Replace wiring, equipment and protective devices using hand tools and power tools.
- ✓ Learn and follow the Indian Electricity Rules during providing connection and in installation.

### Key areas covered

- ✓ Read blueprints, designing basic and completed circuits.
- ✓ Selection and Installation procedures of wiring as per the drawing
- ✓ Study and application of suitable protective devices for circuit protection
- ✓ Safety precautions for avoiding accidents
- ✓ POD software for online demonstration of electrical application through tutorials

### Tools used

- ✓ Electrical Workbenches
- ✓ Panel Boards
- ✓ Distribution board
- ✓ Energy meter
- ✓ Modular circuit breakers (MCB)
- ✓ Switches
- ✓ Cutting pliers
- ✓ Stripping pliers
- ✓ Crimping pliers
- ✓ Tester
- ✓ Screwdriver
- ✓ Power drilling machine
- ✓ Hammer
- ✓ Wire strippers
- ✓ Screw guns
- ✓ Multi meter and
- ✓ Lug crimper.

### OUTCOMES Able to,

- ✓ Complete Electrical wiring of 1 BHK and 2BHK flats.
- ✓ Electrical wiring of warehouse.
- ✓ Electrical wiring of Auditoriums.
- ✓ Repair and re-wiring of motors in domestic appliances.
- ✓ Repair and re-wiring of motors in Agriculture.



## Areas of **Training & Laboratories**



### **Home Electronics Laboratory**

#### **Description**

Electrics- Home lab is designed to teach the theory and rewinding of electronic appliances using in house like mixer, washing machine etc.

#### **Objectives**

The main objective of this lab is to gain knowledge about trouble shooting of devices, protective devices and tools necessary for wiring in respective of different applications.

#### **After completing this course, a student will be able to:**

- ✓ Rewinding of motors in home appliances like mixer, washing machine etc.
- ✓ Circuit trace out, pin Check and IC replacement in LED TVs.
- ✓ Signal checking and alignment of Dish Antenna in DTH.

#### **Key areas covered**

- ✓ Read blueprints, designing basic and completed circuits.
- ✓ Selection and Installation procedures of wiring as per the motor
- ✓ Study and application of suitable protective devices for circuit protection
- ✓ Safety precautions for avoiding accidents
- ✓ POD software for online demonstration of electronic application through tutorials

#### **List of Equipment's Available**

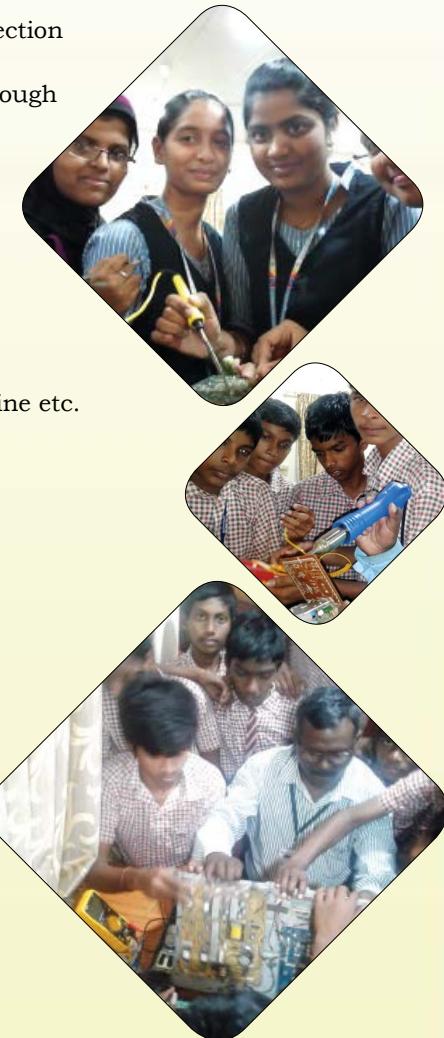
- ✓ LED TV and trainer kit
- ✓ Mixer and trainer kit of motor
- ✓ DTH and trainer kit of DTH
- ✓ OVEN and trainer kit of PCB.

#### **SKILLS**

- ✓ Rewinding of motors in home appliances like mixer, washing machine etc.
- ✓ Circuit trace out, pin Check and IC replacement in LED TVs.
- ✓ Signal checking and alignment of Dish Antenna in DTH.

#### **OUTCOMES** Able to,

- ✓ Repair and maintenance of LED TVs.
- ✓ Repair and maintenance of Mixer.
- ✓ Repair and maintenance of DTH.
- ✓ Repair and maintenance of OVEN.
- ✓ Repair and re-wiring of motors in domestic appliances.





## Office & ICT Electronics Laboratory

### Description

Office and ICT Electronics Lab is designed to teach the theory and trouble shooting of office equipment like Printer, Scanner, CPU, UPS etc.

### Objectives

The main objective of this lab is to gain knowledge about trouble shooting of office equipment, protective devices and tools necessary for wiring in respective of different applications.

### After completing this course, a student will be able to:

- ✓ Study and operation of CC cameras.
- ✓ Study and operation of Components in CPU and Laptop.
- ✓ Study and operation of Components in Printer.
- ✓ Study and operation of Components in Scanner.

### Key areas covered

- ✓ Read blueprints, designing basic and completed circuits.
- ✓ Selection and Installation procedures of equipment per the application
- ✓ Study and application of suitable protective devices for circuit protection
- ✓ Safety precautions for avoiding accidents
- ✓ POD software for online demonstration of electronic application through tutorials

### List of Equipment's Available

CC Cameras and trainer kit, CPU and trainer kit, Printer and trainer kit of motherboard, Scanner and trainer kit of motherboard.



### SKILLS

- ✓ Study and operation of CC cameras.
- ✓ Study and operation of Components in CPU and Laptop.
- ✓ Study and operation of Components in Printer.
- ✓ Study and operation of Components in Scanner.

### OUTCOMES Able to,

- ✓ Install and repair of CC cameras.
- ✓ Install and repair of CPU and Laptop.
- ✓ Install and repair of Printer.
- ✓ Install and repair of Scanner.

## CM's Skill Excellence Center

### Stakeholders & Benefits

- ✓ AP state government +VFSTRU+SIEMENS
- ✓ Rural youth training+ Training in employment oriented program
- ✓ Vignan's management's initiative in supporting this initiative by providing spacious and well furnished infrastructure

# **Societal Centric Projects**

## Some of the Student Societal Centric Projects:

	<p><b>Title: Tree Climbing Robot AE</b></p> <ul style="list-style-type: none"> <li>✓ The project concerns assembling and developing an automaton that can climb a tree.</li> <li>✓ The motors will be controlled by addressing variables like diameter of the tree trunk, varying friction between the wheels and surface of tree trunk.</li> <li>✓ The user will communicate with the robot by using a Bluetooth and mobile application.</li> </ul>
	<p><b>Title: Implementation of Drone Mounted Sprayer for Pesticide Applications to Crops</b></p> <ul style="list-style-type: none"> <li>✓ Drone is used to monitor the infected areas of the crop in addition to spraying pesticides through use of a camera.</li> <li>✓ RF signals will be used to control the drone and the gyroscope and accelerometer will be used to know the current location of the drone and control its directions.</li> </ul>
	<p><b>Title: Fire Fighting Robot</b></p> <ul style="list-style-type: none"> <li>✓ The Robot is developed that can locate and extinguish fire within a given environment.</li> <li>✓ The robot will be fit with three flame sensors, one at the centre projecting outward and other two at each of the front ends, such that the sensors will look to the left and right respectively.</li> <li>✓ The flame sensors will detect the radiation emitted by the substances burning through the Infrared receiver (Photodiode). simultaneously it will extinguish the fire by gushing a spray of water</li> </ul>

	<p><b>Title: Crop health monitoring using UAV</b></p> <ul style="list-style-type: none"> <li>✓ Spray the pesticides through UAV and monitor the crop health using geographical data and ground station data.</li> </ul>
	<p><b>Title: Wheelchair with health monitoring system for physically challenged people</b></p> <ul style="list-style-type: none"> <li>✓ A mobile device based GPS enabled stair climbing wheelchair with wireless health monitoring system with collision avoidance than can provide real time physiological conditions of a patient through online sources.</li> <li>✓ The proposed system is designed to climb (up and down) the stairs, autonomous movement of wheelchair to reach destination according to GPS</li> <li>✓ The patient's body temperature, heart beat rate, blood pressure, haemoglobin level in blood and ECG data are monitored and displayed using mobile application.</li> </ul>
	<p><b>Title: Automatic crop protection from rain</b></p> <ul style="list-style-type: none"> <li>✓ Whenever heavy rain occurs this module detects the intensity and notify the farmer and start to cover the entire field.</li> <li>✓ The cover's shape will drain the rain water into a pit and also conserve rain water.</li> </ul>
	<p><b>Title: Fish waste management</b></p> <ul style="list-style-type: none"> <li>✓ Fish waste can also be used for the production of various value added products like oils, bio active peptides, gelatin, and collagen.</li> <li>✓ Enzymatic degradation of the waste by the addition of organic acids for the breakdown of proteins to peptides, amino acids fermentation of the minced fish to form a highly nutritive and low toxic products.</li> </ul>

#### 4.3.2 Public Events

Name of the teacher	Name of the module developed	Platform on which module is developed	Date of launching e content	Link to the relevant document and facility available in the institution	List of the e-content development facility available	Provide link to videos of the media centre and recording facility
Dr. M. Sarada	Digital Logic Design	LMS	15-07-2023	<a href="https://vumoodle.in/mod/urview.php?id=44749">https://vumoodle.in/mod/urview.php?id=44749</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	<a href="https://www.vignan.ac.in/VFSTR%20Recording%20Editing%20Facilities%20Presentation%20video.mp4">https://www.vignan.ac.in/VFSTR%20Recording%20Editing%20Facilities%20Presentation%20video.mp4</a>
Dr. M. Laavanya	Signals and systems	LMS	30-07-2023	<a href="https://vumoodle.in/mod/urview.php?id=44360">https://vumoodle.in/mod/urview.php?id=44360</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mrs. J. Prathiba	Signals and systems	LMS	30-07-2023	<a href="https://vumoodle.in/course/view.php?id=3839">https://vumoodle.in/course/view.php?id=3839</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. T.Pitchaih	Signals and systems	LMS	30-07-2023	<a href="https://vumoodle.in/mod/urview.php?id=44373">https://vumoodle.in/mod/urview.php?id=44373</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. P. venkatappa Reddy	Signals and systems	LMS	30-07-2023	<a href="https://vumoodle.in/mod/urview.php?id=44342">https://vumoodle.in/mod/urview.php?id=44342</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. S. Sivaji	Digital Logic Design	LMS	08-02-2023	<a href="https://vumoodle.in/mod/urview.php?id=44714">https://vumoodle.in/mod/urview.php?id=44714</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. S. Ramesh	Digital Logic Design	LMS	08-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=44731">https://vumoodle.in/mod/urview.php?id=44731</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. M.S.S.Rukmini	Electronic Devices and Circuits	LMS	09-06-2023	<a href="https://vumoodle.in/mod/urview.php?id=44272">https://vumoodle.in/mod/urview.php?id=44272</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. Md. Taj	Electronic Devices and Circuits	LMS	09-06-2023	<a href="https://vumoodle.in/mod/urview.php?id=44814">https://vumoodle.in/mod/urview.php?id=44814</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. S. Vishnu	Electronic Devices and Circuits	LMS	09-06-2023	<a href="https://vumoodle.in/mod/urview.php?id=44925">https://vumoodle.in/mod/urview.php?id=44925</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. R. ranganayakulu	Control Systems	LMS	21-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=57765">https://vumoodle.in/mod/urview.php?id=57765</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. s. Sivaji	Control Systems	LMS	21-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=57768">https://vumoodle.in/mod/urview.php?id=57768</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. M. Sekhar	Control Systems	LMS	21-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=57771">https://vumoodle.in/mod/urview.php?id=57771</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. Sharad Tiwari	Control Systems	LMS	21-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=57780">https://vumoodle.in/mod/urview.php?id=57780</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. K. Annapurna	Probability Theory and Stochastic process	LMS	24-09-2023	<a href="https://vumoodle.in/mod/urview.php?id=57724">https://vumoodle.in/mod/urview.php?id=57724</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. P. venkatappa Reddy	Probability Theory and Stochastic process	LMS	24-09-2023	<a href="https://vumoodle.in/mod/urview.php?id=57731">https://vumoodle.in/mod/urview.php?id=57731</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. S. Ramesh	Probability Theory and Stochastic process	LMS	24-09-2023	<a href="https://vumoodle.in/mod/urview.php?id=57740">https://vumoodle.in/mod/urview.php?id=57740</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. V. Vijay Rajhavhan	Microcontrollers	LMS	21-09-2023	<a href="https://vumoodle.in/mod/urview.php?id=57743">https://vumoodle.in/mod/urview.php?id=57743</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. M. Vamsi krishna	Analog Communications	LMS	09-11-2023	<a href="https://vumoodle.in/mod/urview.php?id=57705">https://vumoodle.in/mod/urview.php?id=57705</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mrs. M. Kaniamai	Analog Communications	LMS	09-11-2023	<a href="https://vumoodle.in/mod/urview.php?id=57711">https://vumoodle.in/mod/urview.php?id=57711</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. P.krishna Chaitanya	Analog Communications	LMS	09-11-2023	<a href="https://vumoodle.in/mod/urview.php?id=57715">https://vumoodle.in/mod/urview.php?id=57715</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr.M.S.S.Rukmini	Analog Circuits	LMS	08-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=57745">https://vumoodle.in/mod/urview.php?id=57745</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. Chetan kambale	Analog Circuits	LMS	08-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=57753">https://vumoodle.in/mod/urview.php?id=57753</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. P. Vijaya Lakshmi	Analog Circuits	LMS	08-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=57746">https://vumoodle.in/mod/urview.php?id=57746</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. Satyajeet sahoo	Analog Circuits	LMS	08-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=57748">https://vumoodle.in/mod/urview.php?id=57748</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. K. Janaki ram	ESRTOS	LMS	21-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=44965">https://vumoodle.in/mod/urview.php?id=44965</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. N.V.R. Vikram.G	ESRTOS	LMS	21-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=44969">https://vumoodle.in/mod/urview.php?id=44969</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. N. Usha rani	Pearl and Python	LMS	29-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=44994">https://vumoodle.in/mod/urview.php?id=44994</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. P. venkatappa Reddy	Pearl and Python	LMS	29-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=45010">https://vumoodle.in/mod/urview.php?id=45010</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. V. Vijay Rajhavhan	Microcontrollers for Embedded Systems	LMS	16-08-2023	<a href="https://vumoodle.in/mod/urview.php?id=44292">https://vumoodle.in/mod/urview.php?id=44292</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. M. Vamsi krishna	Television engineering	LMS	08-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45015">https://vumoodle.in/mod/urview.php?id=45015</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. K. Satish	Digital Communication	LMS	07-09-2023	<a href="https://vumoodle.in/mod/urview.php?id=44842">https://vumoodle.in/mod/urview.php?id=44842</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. P. Krishna Chaitanya	Digital Communication	LMS	07-09-2023	<a href="https://vumoodle.in/mod/urview.php?id=44854">https://vumoodle.in/mod/urview.php?id=44854</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. N. Suman	Electromagnetic Waves and Transmission lines	LMS	07-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=44880">https://vumoodle.in/mod/urview.php?id=44880</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. M. Pachyanan	Electromagnetic Waves and Transmission lines	LMS	07-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=44943">https://vumoodle.in/mod/urview.php?id=44943</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. P. Sambavaah	Linear Applications	LMS	07-02-2023	<a href="https://vumoodle.in/mod/urview.php?id=44274">https://vumoodle.in/mod/urview.php?id=44274</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. K. Annapurna	Linear IC Applications	LMS	07-02-2023	<a href="https://vumoodle.in/mod/urview.php?id=44281">https://vumoodle.in/mod/urview.php?id=44281</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. Aishish Takhur	Microprocessor and Microcontroller	LMS	27-07-2023	<a href="https://vumoodle.in/mod/urview.php?id=44294">https://vumoodle.in/mod/urview.php?id=44294</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. V. Vijay Rajhavhan	Microprocessor and Microcontroller	LMS	27-07-2023	<a href="https://vumoodle.in/mod/urview.php?id=44310">https://vumoodle.in/mod/urview.php?id=44310</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. Y Ravisekhar	Internet of Things	LMS	12-02-2023	<a href="https://vumoodle.in/mod/urview.php?id=57991">https://vumoodle.in/mod/urview.php?id=57991</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. S. Vishnu	Internet of Things	LMS	12-02-2023	<a href="https://vumoodle.in/mod/urview.php?id=57997">https://vumoodle.in/mod/urview.php?id=57997</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. M. Sarada	VLSI Design	LMS	12-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=58471">https://vumoodle.in/mod/urview.php?id=58471</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. Asutosh Dixith	VLSI Design	LMS	12-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=58488">https://vumoodle.in/mod/urview.php?id=58488</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. Md. Taj	VLSI Design	LMS	12-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=58495">https://vumoodle.in/mod/urview.php?id=58495</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. K. Ramaia Murthy	VLSI Design	LMS	12-03-2023	<a href="https://vumoodle.in/mod/urview.php?id=58506">https://vumoodle.in/mod/urview.php?id=58506</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. M. Pachyanan	Antenna and Wave Propagation	LMS	12-04-2023	<a href="https://vumoodle.in/mod/urview.php?id=57945">https://vumoodle.in/mod/urview.php?id=57945</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. K. Venkata Kishore	Antenna and Wave Propagation	LMS	12-04-2023	<a href="https://vumoodle.in/mod/urview.php?id=57951">https://vumoodle.in/mod/urview.php?id=57951</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. Reema Kumari	Antenna and Wave Propagation	LMS	12-04-2023	<a href="https://vumoodle.in/mod/urview.php?id=57955">https://vumoodle.in/mod/urview.php?id=57955</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. Asish Takhur	Computer Architecture and Organization	LMS	12-10-2023	<a href="https://vumoodle.in/mod/urview.php?id=58004">https://vumoodle.in/mod/urview.php?id=58004</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mrs. A. Divya	Computer Architecture and Organization	LMS	12-10-2023	<a href="https://vumoodle.in/mod/urview.php?id=58019">https://vumoodle.in/mod/urview.php?id=58019</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. Rajendra	Computer Architecture and Organization	LMS	12-10-2023	<a href="https://vumoodle.in/mod/urview.php?id=58034">https://vumoodle.in/mod/urview.php?id=58034</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. M. Laavanya	Digital Signal Processing	LMS	17-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=57986">https://vumoodle.in/mod/urview.php?id=57986</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. N. Usha Rani	Digital Signal Processing	LMS	17-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=57977">https://vumoodle.in/mod/urview.php?id=57977</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. T. Pitchaih	Digital Signal Processing	LMS	17-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=57987">https://vumoodle.in/mod/urview.php?id=57987</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. Y. Ravi sekhar	Cellular Mobile Communication	LMS	18-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45058">https://vumoodle.in/mod/urview.php?id=45058</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. M. Vamsi krishna	Cellular Mobile Communication	LMS	18-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45098">https://vumoodle.in/mod/urview.php?id=45098</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. P. Joshua Reginald	Cellular Mobile Communication	LMS	18-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45155">https://vumoodle.in/mod/urview.php?id=45155</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. P. Bharjavaya	Satellite Communication	LMS	12-11-2023	<a href="https://vumoodle.in/mod/urview.php?id=44383">https://vumoodle.in/mod/urview.php?id=44383</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. K. Anil Kumar	System on Chip	LMS	12-06-2023	<a href="https://vumoodle.in/mod/urview.php?id=45162">https://vumoodle.in/mod/urview.php?id=45162</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mrs. K. Ilma Bindu	System on Chip	LMS	12-06-2023	<a href="https://vumoodle.in/mod/urview.php?id=45168">https://vumoodle.in/mod/urview.php?id=45168</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. G. Rama Murthy	Computer Networks	LMS	13-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45083">https://vumoodle.in/mod/urview.php?id=45083</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. R. Rangayakulu	Electronic instrumentation	LMS	14-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45193">https://vumoodle.in/mod/urview.php?id=45193</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. M. Sekhar	Electronic instrumentation	LMS	14-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45217">https://vumoodle.in/mod/urview.php?id=45217</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. Sharad Tiwari	Electronic instrumentation	LMS	14-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45229">https://vumoodle.in/mod/urview.php?id=45229</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Mr. M.K.C. Rao	Optical Communications	LMS	27-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45242">https://vumoodle.in/mod/urview.php?id=45242</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. K. Venkata Kishore	Optical Communications	LMS	27-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45280">https://vumoodle.in/mod/urview.php?id=45280</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. P. Vijaya Lakshmi	Optical Communications	LMS	27-12-2023	<a href="https://vumoodle.in/mod/urview.php?id=45285">https://vumoodle.in/mod/urview.php?id=45285</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights	
Dr. L. S Raju	Manufacturing Technology	LMS	29-12-2023	<a href="https://vumoodle.in/mod/resource/view.php?id=34482">https://vumoodle.in/mod/resource/view.php?id=34482</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr. K Venkat Rao	Materials Science and Metallurgy	LMS	30-12-2023	<a href="https://vumoodle.in/mod/resource/view.php?id=34113">https://vumoodle.in/mod/resource/view.php?id=34113</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr.B.Nageswara Rao	Refrigeration and Air Conditioning	LMS	01-03-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34169">https://vumoodle.in/mod/resource/view.php?id=34169</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr. D.Satyaparayana	Industrial Engineering	LMS	01-04-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34119">https://vumoodle.in/mod/resource/view.php?id=34119</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr.D.Vinay Kumar	Environmental Studies	LMS	01-07-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34131">https://vumoodle.in/mod/resource/view.php?id=34131</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr.G.Suresh	Dynamics of Machines	LMS	01-07-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34129">https://vumoodle.in/mod/resource/view.php?id=34129"&gt;https://vumoodle.in/mod/resource/view.php?id=34129</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr. L. Ratna Raju	Thermal Turbo Machinery	LMS	01-08-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34483">https://vumoodle.in/mod/resource/view.php?id=34483</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr. B. Jagan Mohan Rao	Engineering Graphics	LMS	22-11-2023	<a href="https://vumoodle.in/mod/resource/view.php?id=34160">https://vumoodle.in/mod/resource/view.php?id=34160</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. T. Ch Amil Kumar	Tribology	LMS	23-12-2023	<a href="https://vumoodle.in/mod/resource/view.php?id=34115">https://vumoodle.in/mod/resource/view.php?id=34115</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. T Ch Amil Kumar	Artificial Intelligence in Robotics	LMS	01-05-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34122">https://vumoodle.in/mod/resource/view.php?id=34122</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. E. Govindarajulu	CAD/CAM	LMS	01-05-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34128">https://vumoodle.in/mod/resource/view.php?id=34128</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. E. Govindarajulu	Advances in Robotics	LMS	01-08-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34130">https://vumoodle.in/mod/resource/view.php?id=34130</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. Pradeep Chand	Mechanisms and Machines	LMS	01-08-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34114">https://vumoodle.in/mod/resource/view.php?id=34114</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. Sk. Farooq	Engineering Thermodynamics	LMS	01-12-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34123">https://vumoodle.in/mod/resource/view.php?id=34123</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. N.B.Prasath T	Operations Research	LMS	02-01-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=34117">https://vumoodle.in/mod/resource/view.php?id=34117</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. Balakrishna	Design of Transmission Elements	LMS	02-02-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=50058">https://vumoodle.in/mod/resource/view.php?id=50058</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr. L.Suvama Raju	Welding Technology	LMS	02-02-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=55904">https://vumoodle.in/mod/resource/view.php?id=55904</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr. G.Suresh	Finite Element Methods	LMS	02-03-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=55917">https://vumoodle.in/mod/resource/view.php?id=55917</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Dr. B.Nageswara Rao	Heat Transfer	LMS	02-04-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=55960">https://vumoodle.in/mod/resource/view.php?id=55960</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights	
Mr. Bhumi Prakash T N	METROLOGY AND INSTRUMENTATION	LMS	02-05-2024	<a href="https://vumoodle.in/mod/resource/view.php?id=58938">https://vumoodle.in/mod/resource/view.php?id=58938</a>	Light Glass Board, High Quality Video Camera for video recording, Camtasia software for	



Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	Production system lecture-1- <a href="https://youtu.be/Ic1edW985_s">https://youtu.be/Ic1edW985_s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	Production system lecture-2- <a href="https://youtu.be/xCM0V5JBp">https://youtu.be/xCM0V5JBp</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	Production system lecture-3- <a href="https://youtu.be/2DyXaCwpo">https://youtu.be/2DyXaCwpo</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	Production system lecture-4- <a href="https://youtu.be/R2AO_aevTQ">https://youtu.be/R2AO_aevTQ</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	Production system lecture-5- <a href="https://youtu.be/erZAO_aevTQ">https://youtu.be/erZAO_aevTQ</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	Production system lecture-6- <a href="https://youtu.be/o9g5458TBKw">https://youtu.be/o9g5458TBKw</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	WORK STUDY /METHOD STUDY LECTURE-1- <a href="https://youtu.be/1">https://youtu.be/1</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	24-03-2023	METHOD STUDY LECTURE-2- <a href="https://youtu.be/yWZD8QCo">https://youtu.be/yWZD8QCo</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	07-05-2023	METHOD STUDY LECTURE-3 AND TIME STUDY- <a href="https://youtu.be/1">https://youtu.be/1</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	07-05-2023	TIME STUDY- <a href="https://youtu.be/erUmLzUQA">https://youtu.be/erUmLzUQA</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	07-05-2023	<a href="https://youtu.be/zS2dX4a9a8">https://youtu.be/zS2dX4a9a8</a> Entrepreneurial Motivation	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	07-05-2023	<a href="https://youtu.be/IX3V09_2e25s">https://youtu.be/IX3V09_2e25s</a> Frame work for entrepreneur	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Lakshmi Narayananma	UNIT II	LMS	07-05-2023	<a href="https://youtu.be/IX3V09_2e25s">https://youtu.be/IX3V09_2e25s</a> Entrepreneurial motivation 2	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-1	LMS	24-03-2023	Introduction- <a href="https://youtu.be/AY9vUJT1Rq">https://youtu.be/AY9vUJT1Rq</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-2	LMS	24-03-2023	Internal Factors - <a href="https://youtu.be/AY9vUJT1Rq">https://youtu.be/AY9vUJT1Rq</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-3	LMS	24-03-2023	Micro Environment Factors - <a href="https://youtu.be/wvzElJv0Xw">https://youtu.be/wvzElJv0Xw</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-4	LMS	24-03-2023	Macro Environment - <a href="https://youtu.be/erazwe3c3vY">https://youtu.be/erazwe3c3vY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-5	LMS	24-03-2023	Business Cycles - <a href="https://youtu.be/erazwe3c3vY">https://youtu.be/erazwe3c3vY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-2	LMS	24-03-2023	Industrial Policy - 1948 & 1956 - <a href="https://youtu.be/fCauNqeff">https://youtu.be/fCauNqeff</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-3	LMS	24-03-2023	Industrial Policy - 1991 - <a href="https://youtu.be/jUcaukg9A">https://youtu.be/jUcaukg9A</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-4	LMS	24-03-2023	Monetary Policy - <a href="https://youtu.be/IBc3gRkRfY">https://youtu.be/IBc3gRkRfY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M S Kishan Varma	Unit-5	LMS	07-05-2023	LPG - <a href="https://youtu.be/IBc3gRkRfY">https://youtu.be/IBc3gRkRfY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
D Sudhir babu	Unit-1	LMS	07-05-2023	<a href="https://youtu.be/erf0hMU7WV2b">https://youtu.be/erf0hMU7WV2b</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 1(BB) (Types of Banks) <a href="https://youtu.be/kQaau5GB">https://youtu.be/kQaau5GB</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 1(BB) (Functions of Commercial Banks) <a href="https://youtu.be/erf0hMU7WV2b">https://youtu.be/erf0hMU7WV2b</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 1(BB) Cooperative banks <a href="https://youtu.be/erf0hMU7WV2b">https://youtu.be/erf0hMU7WV2b</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 1(BB) Indian Financial System <a href="https://youtu.be/wA2Q">https://youtu.be/wA2Q</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 2 (BB) <a href="https://youtu.be/DkT7QYErk">https://youtu.be/DkT7QYErk</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 3 (BB) Loan and advances management <a href="https://youtu.be/erf0hMU7WV2b">https://youtu.be/erf0hMU7WV2b</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 4 (BB) Insurance <a href="https://youtu.be/6GeoOlyk">https://youtu.be/6GeoOlyk</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Indian Banking & Insurance	LMS	07-05-2023	UNIT - 5 (BB) Life Insurance & General Insurance <a href="https://youtu.be/erf0hMU7WV2b">https://youtu.be/erf0hMU7WV2b</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Business Environment & Ethics	LMS	07-05-2023	UNIT - 1 (BE&E) <a href="https://youtu.be/AY9vUJT1Rq">https://youtu.be/AY9vUJT1Rq</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Business Environment & Ethics	LMS	07-05-2023	UNIT - 1 (BE&E) Internal Factors - <a href="https://youtu.be/AY9vUJT1Rq">https://youtu.be/AY9vUJT1Rq</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Business Environment & Ethics	LMS	07-05-2023	UNIT - 1 (BE&E) Micro Environment - <a href="https://youtu.be/erazwe3c3vY">https://youtu.be/erazwe3c3vY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Business Environment & Ethics	LMS	07-05-2023	UNIT - 1 (BE&E) Macro Environment - <a href="https://youtu.be/erazwe3c3vY">https://youtu.be/erazwe3c3vY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Business Environment & Ethics	LMS	07-05-2023	UNIT - 4 (BE&E) Industrial Policy - 1948 & 1956 - <a href="https://youtu.be/erazwe3c3vY">https://youtu.be/erazwe3c3vY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Business Environment & Ethics	LMS	07-05-2023	UNIT - 4 (BE&E) Industrial Policy - 1991 - <a href="https://youtu.be/erazwe3c3vY">https://youtu.be/erazwe3c3vY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
S. Sudheer	Business Environment & Ethics	LMS	07-05-2023	UNIT - 3 (L&B) Capital Market & Money Markets - <a href="https://youtu.be/erazwe3c3vY">https://youtu.be/erazwe3c3vY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=11Qf6f5idM8&amp;t=1018s">https://www.youtube.com/watch?v=11Qf6f5idM8&amp;t=1018s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=kR0f6iOr_w&amp;t=444s">https://www.youtube.com/watch?v=kR0f6iOr_w&amp;t=444s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=0rCE59HmY">https://www.youtube.com/watch?v=0rCE59HmY</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	09-11-2023	<a href="https://www.youtube.com/watch?v=PMf7rWp_nTa0s101s">https://www.youtube.com/watch?v=PMf7rWp_nTa0s101s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	10-11-2023	<a href="https://www.youtube.com/watch?v=erf0hMU7WV2b&amp;t=374s">https://www.youtube.com/watch?v=erf0hMU7WV2b&amp;t=374s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	11-11-2023	<a href="https://www.youtube.com/watch?v=erf0hMU7WV2b&amp;t=383s">https://www.youtube.com/watch?v=erf0hMU7WV2b&amp;t=383s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	12-11-2023	<a href="https://www.youtube.com/watch?v=kEa9-a-10A&amp;t=1486s">https://www.youtube.com/watch?v=kEa9-a-10A&amp;t=1486s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	13-11-2023	<a href="https://www.youtube.com/watch?v=ek0orIRE6b8t15s">https://www.youtube.com/watch?v=ek0orIRE6b8t15s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	14-11-2023	<a href="https://www.youtube.com/watch?v=BQ1scPcexp0&amp;t=2428s">https://www.youtube.com/watch?v=BQ1scPcexp0&amp;t=2428s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	15-11-2023	<a href="https://www.youtube.com/watch?v=erf0hMU7WV2b&amp;t=2428s">https://www.youtube.com/watch?v=erf0hMU7WV2b&amp;t=2428s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	16-11-2023	<a href="https://www.youtube.com/watch?v=Gz0TDZT7CgwI">https://www.youtube.com/watch?v=Gz0TDZT7CgwI</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	17-11-2023	<a href="https://www.youtube.com/watch?v=W4lf1mD518s">https://www.youtube.com/watch?v=W4lf1mD518s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	18-11-2023	<a href="https://www.youtube.com/watch?v=W4lf1mD518s">https://www.youtube.com/watch?v=W4lf1mD518s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sarita Satpathy	SM Unit 1&2(BBA 3rd)	LMS	19-11-2023	<a href="https://www.youtube.com/watch?v=G1Vv0ln">https://www.youtube.com/watch?v=G1Vv0ln</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.K.Ravikumar	Engineering Chemistry - A	LMS	07-05-2023	<a href="https://youtu.be/OMdPS4GVF">https://youtu.be/OMdPS4GVF</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.S.K.Anwar	Chemical Bonding	LMS	08-12-2023	<a href="https://youtu.be/1T9qPm-">https://youtu.be/1T9qPm-</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Tejeswini	Agronomy	LMS	07-05-2023	<a href="https://youtu.be/2Zv2zfQfa/Mohtns">https://youtu.be/2Zv2zfQfa/Mohtns</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Sudip Mandal	Fuel Cells	LMS	07-05-2023	<a href="https://youtu.be/1AuLk48Mhttps://youtu.be/1AuLk48Mhttps://youtu.be/WoTcJ0t4JH">https://youtu.be/1AuLk48Mhttps://youtu.be/1AuLk48Mhttps://youtu.be/WoTcJ0t4JH</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.K.V.Madhuvi	Engineering Physics	LMS	24-03-2023	<a href="https://www.youtube.com/watch?v=RxxvM0JUu8tto">https://www.youtube.com/watch?v=RxxvM0JUu8tto</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.P.Srinivasa Rao	Crystallography	LMS	24-03-2023	<a href="https://youtu.be/1UsnHkTR8t8s">https://youtu.be/1UsnHkTR8t8s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.M.V.K.Srihari	Basics of Mechanics	LMS	07-05-2023	<a href="https://www.youtube.com/channel/UC1YYWC3U_mh-mWpxP4-4s">https://www.youtube.com/channel/UC1YYWC3U_mh-mWpxP4-4s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.A.Sharada	Technical English Communication	LMS	12-07-2023	<a href="https://www.youtube.com/playlist?list=PLR7oToA4R4_4GQ">https://www.youtube.com/playlist?list=PLR7oToA4R4_4GQ</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. N. Srinivasarao	Z-transformations, etc.	LMS	05-11-2023	Unit-1: <a href="https://www.youtube.com/watch?v=9_AT0Rt8skw&amp;t=13s">https://www.youtube.com/watch?v=9_AT0Rt8skw&amp;t=13s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.P.Sudam Sekar	Statistics and Probability	LMS	05-11-2023	<a href="https://www.youtube.com/watch?v=PLr42JUlrEKG1ss">https://www.youtube.com/watch?v=PLr42JUlrEKG1ss</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.U.V.Manoh Kumar	Engineering Maths	LMS	05-11-2023	<a href="https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s">https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.P.Siva Prasad	Trigonometry	LMS	05-11-2023	<a href="https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s">https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mrs. P. Jhansi Lakshmi	Displaying a String on standard output device, etc	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=Ja0Knt74Lhts">https://www.youtube.com/watch?v=Ja0Knt74Lhts</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.Bharath Kumar N	Olms Law, etc	LMS	05-11-2023	<a href="https://1.https://youtu.be/1AEfxyunpln2.5https://youtu.be/mek0n7">https://1.https://youtu.be/1AEfxyunpln2.5https://youtu.be/mek0n7</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
K. Pradeep Chand	Finite element methods	LMS	07-05-2023	<a href="https://www.youtube.com/in/course/view.php?id=2245">https://www.youtube.com/in/course/view.php?id=2245</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. Venkata Ranga Rao Kommineni	Logical Equivalences, etc.	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=d2D1n-Ti7&amp;t=967shttps://www.youtube.com/watch?v=d2D1n-Ti7&amp;t=967s">https://www.youtube.com/watch?v=d2D1n-Ti7&amp;t=967shttps://www.youtube.com/watch?v=d2D1n-Ti7&amp;t=967s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Ms. N. Marline Joys	Introduction to computers	LMS	07-05-2023	PART 1: <a href="https://www.youtube.com/watch?v=PLR7oToA4R4_4GQ">https://www.youtube.com/watch?v=PLR7oToA4R4_4GQ</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Ms. Tulasi	Computer programming basics	LMS	07-05-2023	<a href="https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s">https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Ms. Vidulatha	Datatypes, etc.	LMS	07-05-2023	<a href="https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s">https://www.youtube.com/channel/UCI7WroMpWqCgQzU8s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.K. V. Madhuri	Engineering Physics	LMS	12-07-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mrs. P. Jhansi Lakshmi	Standard library functions, etc.	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. Bharath Kumar N	Basic electronics & electronic engineering	LMS	07-05-2023	<a href="https://1.https://youtu.be/1AEfxyunpln2.5https://youtu.be/mek0n7">https://1.https://youtu.be/1AEfxyunpln2.5https://youtu.be/mek0n7</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. Venkata Ranga Rao Kommineni	Discrete mathematical structures	LMS	12-07-2023	<a href="https://www.youtube.com/watch?v=70741n-1shttps://www.youtube.com/watch?v=70741n-1s">https://www.youtube.com/watch?v=70741n-1shttps://www.youtube.com/watch?v=70741n-1s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. Ramajingayeli Mammam	Brazile lattice, Simple cubic SC lattice parameter	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
B. Jagan Mohan Rao	Engineering Drawing: Ellipse by Oblong Method	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mrs. P. Jhansi Lakshmi	Introduction to Strings, etc.	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. P. Subbarao	Cloud Computing	LMS	11-10-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Gokul Yenduri	Information Security	LMS	01-03-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
M.Srikanth vadav	Data Analytics	LMS	01-04-2023	<a href="https://www.youtube.com/in/course/view.php?id=22417">https://www.youtube.com/in/course/view.php?id=22417</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
T.Gayathri	Mobile Application Development	LMS	01-03-2023	<a href="https://www.youtube.com/watch?v=PxGMDu90t0s">https://www.youtube.com/watch?v=PxGMDu90t0s</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
K. Sreenivasa Rao	Internet of Things	LMS	01-06-2023	<a href="https://www.youtube.com/in/course/view.php?id=34157">https://www.youtube.com/in/course/view.php?id=34157</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Ch. Sivakoteswara Rao	Data Science using Python	LMS	01-06-2023	<a href="https://www.youtube.com/in/course/view.php?id=34159">https://www.youtube.com/in/course/view.php?id=34159</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Nyamathullah Shaik	Software Engineering	LMS	14-12-2023	<a href="https://www.youtube.com/in/course/view.php?id=34158&amp;force=1">https://www.youtube.com/in/course/view.php?id=34158&amp;force=1</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. K. Srinath					

Dr. M. Subba Rao	Digital Electronic Circuits	LMS	14-12-2023	<a href="https://vumoodle.in/course/view.php?id=3824">https://vumoodle.in/course/view.php?id=3824</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
K. Balaji Krishna	Control Systems	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=4180">https://vumoodle.in/course/view.php?id=4180</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. A.R. Vijay Babu	DESIGN AND ECONOMICS OF PV SYSTEMS	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3454">https://vumoodle.in/course/view.php?id=3454</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. A.R. Vijay Babu	ENERGY AUDIT, CONSERVATION AND MAN	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3829">https://vumoodle.in/course/view.php?id=3829</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
K. Rachanaiahji	Power Electronics	LMS	14-12-2023	<a href="https://vumoodle.in/user/index.php?id=4432">https://vumoodle.in/user/index.php?id=4432</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
P.M. Venkatesh	Electromagnetic Fields	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3125">https://vumoodle.in/course/view.php?id=3125</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
N. Bharath Kumar	Python Programming for Problem Solving	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=4178">https://vumoodle.in/course/view.php?id=4178</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Ch.N.Narsimha Rao	Power Transmission and Distribution	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3210">https://vumoodle.in/course/view.php?id=3210</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
N. Narasimha Rao, Ch.	Electric Drive	LMS	14-12-2023	<a href="https://vumoodle.in/course/view.php?id=3220">https://vumoodle.in/course/view.php?id=3220</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. Y. Srinivasa Rao	Electrical Circuit Analysis	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3124">https://vumoodle.in/course/view.php?id=3124</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. K. Hemantika Kumar	Operating Systems	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=4070">https://vumoodle.in/course/view.php?id=4070</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Dr. M. Shambujiyan	Database Management Systems	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3879">https://vumoodle.in/course/view.php?id=3879</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Dr. S. V. Phani Kumar	Operating Systems	LMS	14-12-2023	<a href="https://vumoodle.in/course/view.php?id=4070">https://vumoodle.in/course/view.php?id=4070</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights
Dr. T.P. Latouchou	Distributed Systems	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3406">https://vumoodle.in/course/view.php?id=3406</a>	Camtasia Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Mr. S. V. Rama Krishna	Fundamentals Of Image Processing	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3351">https://vumoodle.in/course/view.php?id=3351</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Mr. D.S. BhupnalNaik	Digital Logic Design	LMS	27-12-2023	<a href="https://vumoodle.in/course/view.php?id=3880">https://vumoodle.in/course/view.php?id=3880</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Ms. B. Jyotsna Devi	Pattern Recognition	LMS	07-12-2023	<a href="https://vumoodle.in/course/view.php?id=4078">https://vumoodle.in/course/view.php?id=4078</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Ms. D. Radha Rani	Mobile Communications	LMS	07-12-2023	<a href="https://vumoodle.in/course/view.php?id=4080">https://vumoodle.in/course/view.php?id=4080</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Ms. G. Parimala	Programming for Problem solving -LPPS	LMS	07-12-2023	<a href="https://fslf.skillio.in/courseview.php?id=756">https://fslf.skillio.in/courseview.php?id=756</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camastasia, Studio Room for Recording
Mr. K. V. Ranga Rao	Discrete Mathematical Structures	LMS	07-12-2023	<a href="https://fslf.skillio.in/courseview.php?id=9">https://fslf.skillio.in/courseview.php?id=9</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights
Mr. Ch. Venkata Rami Reddy	Data Science Using Python	LMS	07-12-2023	<a href="https://vumoodle.in/course/view.php?id=4115">https://vumoodle.in/course/view.php?id=4115</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Mr. D. Yakobu	Software Engg	LMS	07-12-2023	<a href="https://vumoodle.in/course/view.php?id=3599">https://vumoodle.in/course/view.php?id=3599</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Li
Mr. J. Amar	Webtechnologies	LMS	07-12-2023	<a href="https://vumoodle.in/course/view.php?id=1784">https://vumoodle.in/course/view.php?id=1784</a>	Adobe Premiere and camtasia, SMART Board
Mr. K. Pavan Kumar	Compiler Design	LMS	07-12-2023	<a href="https://vumoodle.in/course/view.php?id=1780">https://vumoodle.in/course/view.php?id=1780</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camastasia, Studio Room for Recording
Dr. U. Sri Lakshmi	Software Engg	LMS	07-12-2023	<a href="https://vumoodle.in/course/view.php?id=3599">https://vumoodle.in/course/view.php?id=3599</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camastasia, Studio Room for Recording
Mrs. P. Jhansi Lakshmi	Programming for Problem solving -LPPS	LMS	07-02-2023	<a href="https://fslf.skillio.in/courseview.php?id=6">https://fslf.skillio.in/courseview.php?id=6</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camastasia, Studio Room for Recording
Mr. N. Narendra	Programming for Problem solving -LPPS	LMS	08-02-2023	<a href="https://fslf.skillio.in/courseview.php?id=6">https://fslf.skillio.in/courseview.php?id=6</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Studio Rooms for Recording
Mr. Simhadri Chima Gopi	Open Systems for Webtechnologies	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=3925">https://vumoodle.in/course/view.php?id=3925</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Studio Rooms for Recording
Mr. K. Kiran Kumar	Programming for Problem solving -LPPS	LMS	08-02-2023	<a href="https://fslf.skillio.in/courseview.php?id=6">https://fslf.skillio.in/courseview.php?id=6</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Studio Rooms for Recording
Mrs. V. Anusha	Information Security	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=4075">https://vumoodle.in/course/view.php?id=4075</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Studio Rooms for Recording
Mr.O.Gandhi	Search Engines	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=3037">https://vumoodle.in/course/view.php?id=3037</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camastasia, Studio Room for Recording
Mr.M. Veerambrham	Database Management Systems	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=3879">https://vumoodle.in/course/view.php?id=3879</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights
Mr.K. Eswar Prasanth Kumar	Data Structures	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=4071">https://vumoodle.in/course/view.php?id=4071</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights
Mr. G. Shankar	Pattern Recognition	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=4076">https://vumoodle.in/course/view.php?id=4076</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights
Ms. Ch. Pushya	Emerging technologies	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=4088">https://vumoodle.in/course/view.php?id=4088</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Camastasia, Studio Room for Recording
MR. S. RANJETH	Distributed Systems	LMS	08-02-2023	<a href="https://vumoodle.in/course/view.php?id=3406">https://vumoodle.in/course/view.php?id=3406</a>	Adobe Premiere Software, Digital Board, High Quality Video Camera for video recording, Tripod and Stand Lights
Mrs. P. Vijetha	Mechanical Unit Operations	LMS	08-12-2023	<a href="https://drive.google.com/file/d/1WqMrVYz6KGZ8lkaMAN4">https://drive.google.com/file/d/1WqMrVYz6KGZ8lkaMAN4</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Dr.P.Bangaraiah	Chemical Process Equipment Design	LMS	08-12-2023	<a href="https://vumoodle.in/courseview.php?id=4184">https://vumoodle.in/courseview.php?id=4184</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.B.Venkatesh	Technology of Manufactured Fibers	LMS	12-07-2023	<a href="https://www.youtube.com/watch?v=ApMM2xvpo&amp;list=PL8t8">https://www.youtube.com/watch?v=ApMM2xvpo&amp;list=PL8t8</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.M.Siva Jagadish Kumar	Yarn Manufacturing	LMS	07-05-2023	<a href="https://www.youtube.com/watch?list=PLoDMMOxKey_3bhut">https://www.youtube.com/watch?list=PLoDMMOxKey_3bhut</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.Ch. Govardhan Rao	Fabric Manufacturing	LMS	12-07-2023	<a href="https://www.youtube.com/watch?v=KJ7hARL Aleo&amp;list=PLc">https://www.youtube.com/watch?v=KJ7hARL Aleo&amp;list=PLc</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.K.Harish Kumar	Fashion Theory	LMS	07-05-2023	<a href="https://youtu.be/1TCrdTSJrbY">https://youtu.be/1TCrdTSJrbY</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.B.Venkatesh	Testing of Fibres and Yarns	LMS	05-11-2023	<a href="https://www.youtube.com/watch?v=8QJ3oGsfqKlist=PL1hre">https://www.youtube.com/watch?v=8QJ3oGsfqKlist=PL1hre</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.Ch.Govardhan Rao	Apparel Production, Planning and Control	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=Y-uRQ_GsvY&amp;list=PL8t8">https://www.youtube.com/watch?v=Y-uRQ_GsvY&amp;list=PL8t8</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.M.Siva Jagadish Kumar	Garment Dyeing, Printing and Embroidery	LMS	05-11-2023	<a href="https://www.youtube.com/playlist?list=PLoDMMOxKey_3aEE">https://www.youtube.com/playlist?list=PLoDMMOxKey_3aEE</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.Md.Vaseem Chavhan	Textile Mathematics	LMS	24-03-2023	<a href="https://www.youtube.com/watch?list=PL4xalPP2h7JxxwV">https://www.youtube.com/watch?list=PL4xalPP2h7JxxwV</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.Ch.Govardhan Rao	Circular Knitting	LMS	12-07-2023	<a href="https://www.youtube.com/watch?v=kFTkL8Ky&amp;list=PLc">https://www.youtube.com/watch?v=kFTkL8Ky&amp;list=PLc</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.K.Harish Kumar	Dyeing and Printing Machinery	LMS	07-05-2023	<a href="https://youtu.be/1Cn0t1JrbY">https://youtu.be/1Cn0t1JrbY</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.Md.Vaseem Chavhan	Clothing Comfort	LMS	24-03-2023	<a href="https://www.youtube.com/playlist?list=PL4xalPP2h7LZWl">https://www.youtube.com/playlist?list=PL4xalPP2h7LZWl</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.K.Harish Kumar	Industrial Engineering for Textiles and Apparels	LMS	07-05-2023	<a href="https://youtu.be/1Cn0t1JrbY">https://youtu.be/1Cn0t1JrbY</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.M.Siva Jagadish Kumar	Apparel Costing and Export Documentation	LMS	24-03-2023	<a href="https://www.youtube.com/playlist?list=PLoDMMOxKey_3bhut">https://www.youtube.com/playlist?list=PLoDMMOxKey_3bhut</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
S. Kuberan sampath kumar	Mechanics of Weaving Machines	LMS	07-05-2023	<a href="https://youtu.be/vKroX-Jjw">https://youtu.be/vKroX-Jjw</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.B.Venkatesh	Functional Finishes	LMS	05-11-2023	<a href="https://www.youtube.com/watch?v=elZ9baGof&amp;list=PLt8">https://www.youtube.com/watch?v=elZ9baGof&amp;list=PLt8</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.Shiva Prasad D.P	Food Microbiology	LMS	07-05-2023	<a href="https://youtu.be/vKroX-Jjw">https://youtu.be/vKroX-Jjw</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Ms.Sukhita M.P	Beverage Technology	LMS	07-05-2023	<a href="https://youtu.be/O_MzkOChLzc">https://youtu.be/O_MzkOChLzc</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Dr.Sandeep Singh Rana	Food Process Engineering	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=LJL20PZAVA">https://www.youtube.com/watch?v=LJL20PZAVA</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr.Shiva Prasad D.P	Meat, Fish and Poultry Process Technology	LMS	07-05-2023	<a href="https://youtu.be/6lcygBu6xhA">https://youtu.be/6lcygBu6xhA</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Dr.Pavel Ghosh	Spices and Plantation Crops Process Technology	LMS	07-05-2023	<a href="https://youtu.be/Dx2tImpaHtY">https://youtu.be/Dx2tImpaHtY</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Ms.Mahalwa Ghosh	Post Harvest Management of Fruits and Vegetables	LMS	07-05-2023	<a href="https://youtu.be/1K0qDyNal_E">https://youtu.be/1K0qDyNal_E</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr. M. Raghavendra	Well Logging and Formation Evaluation	LMS	07-05-2023	<a href="https://youtu.be/4cGmDhZxc">https://youtu.be/4cGmDhZxc</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr. M. Raghavendra	Petroleum Engineering Equipment Design	LMS	07-05-2023	<a href="https://youtu.be/ds9qfJw7rB0">https://youtu.be/ds9qfJw7rB0</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr. Nitesh	Drilling Technology	LMS	07-05-2023	<a href="https://youtu.be/OgryXpR9e6u">https://youtu.be/OgryXpR9e6u</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr. Nitesh	Petroleum Reservoir Engineering-II	LMS	07-05-2023	<a href="https://youtu.be/7EcqQLqWb6">https://youtu.be/7EcqQLqWb6</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr. V Sreearsha	Health Safety and Environmental Engineering	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=yC8LIFxJz4k">https://www.youtube.com/watch?v=yC8LIFxJz4k</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr. V Sreearsha	Advanced Natural Gas Engineering	LMS	07-05-2023	<a href="https://youtu.be/w9DksMzpo">https://youtu.be/w9DksMzpo</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Mr. V Sreearsha	Natural Gas Processing	LMS	07-05-2023	<a href="https://www.youtube.com/watch?v=5xMEQmzQ">https://www.youtube.com/watch?v=5xMEQmzQ</a>	DIGITAL BOARD, LIGHT BOARD, and CAMTASIA VIDEO EDITING SOFTWARE
Dr. N. Ruben	Water resource Engineering-I	LMS	01-06-2023	<a href="https://vumoodle.in/course/index.php?categoryid=148">https://vumoodle.in/course/index.php?categoryid=148</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr. A. Siva Sankar	Engineering Geology	LMS	01-03-2023	<a href="https://vumoodle.in/course/index.php?categoryid=89">https://vumoodle.in/course/index.php?categoryid=89</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.M.Karthikyan	Strength of Materials	LMS	01-04-2023	<a href="https://vumoodle.in/course/index.php?categoryid=137">https://vumoodle.in/course/index.php?categoryid=137</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.D.Satish Chandra	Geotechnical Engineering	LMS	01-04-2023	<a href="https://vumoodle.in/course/index.php?categoryid=88">https://vumoodle.in/course/index.php?categoryid=88</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Dr.P. Parthiban	Design of steel structures	LMS	01-03-2023	<a href="https://vumoodle.in/course/index.php?categoryid=89">https://vumoodle.in/course/index.php?categoryid=89</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.M.V.Raju	Environmental Engineering-II	LMS	01-06-2023	<a href="https://vumoodle.in/course/index.php?categoryid=89">https://vumoodle.in/course/index.php?categoryid=89</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.R.V.Ramana	Building Materials and Concrete Technology	LMS	01-06-2023	<a href="https://vumoodle.in/course/index.php?categoryid=137">https://vumoodle.in/course/index.php?categoryid=137</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.P.Padmarao	Transportation Engineering-I	LMS	01-07-2023	<a href="https://vumoodle.in/course/index.php?categoryid=88">https://vumoodle.in/course/index.php?categoryid=88</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.M.Anuradha	Structural Analysis-II	LMS	01-07-2023	<a href="https://vumoodle.in/course/index.php?categoryid=88">https://vumoodle.in/course/index.php?categoryid=88</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.B.J.N.Satish	Probability and Statistics	LMS	01-08-2023	<a href="https://vumoodle.in/course/index.php?categoryid=137">https://vumoodle.in/course/index.php?categoryid=137</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.D.Ravikant	Fluid Mechanics	LMS	01-05-2023	<a href="https://vumoodle.in/course/index.php?categoryid=137">https://vumoodle.in/course/index.php?categoryid=137</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Mr.K.Gopi Krishna	Estimation and Costing	LMS	01-05-2023	<a href="https://vumoodle.in/course/index.php?categoryid=89">https://vumoodle.in/course/index.php?categoryid=89</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights
Ms.B.Ravali	Seismic Evaluation and Retrofitting of structures	LMS	01-05-2023	<a href="https://vumoodle.in/course/index.php?categoryid=89">https://vumoodle.in/course/index.php?categoryid=89</a>	Light/Glass Board, High Quality Video Camera for video recording, Camtasia software for video Editing, Tripod and Stand Lights



- [IEEE/IET Electronic Library \(IEL\) Online](#)
- [Springer Link](#)
- [ASME Journals Online](#)
- [ASCE Journals Online](#)
- [EBSCO](#)
- [JSTOR](#)
- [MCGRAWHILL \(E-BOOKS\)](#)
- [PEARSON \(E-BOOKS\)](#)
- [DELNET](#)
- [Knimbus](#)
- [e-ShodhSindhu](#)
- [Shodhganga](#)

### **Open Government Data (OGD) Platform India**

The Open Government Data (OGD) Platform India has been setup by the National Informatics Centre (NIC) in compliance with the Open Data Policy (NDSAP) of India. The objective of the policy is to provide proactive access to Government owned shareable data along with its usage information in open/machine readable format, through a wide area of network across the country, in a periodically updated manner, within the framework of various related policies, rules, and acts of the Government. Developed using Open Source Stack, the project is one of the initiatives under Pillar 6 (Information for All) of the Digital India initiative.

- [Open Government Data](#)

## 2.5.3. University Access to Local Farmers and Food Producers

### Objective

VFSTR (Deemed to be University) extends its research and infrastructure facilities to local farmers and food producers with the goal of enhancing sustainable agricultural practices, promoting innovation, and improving livelihood security. Through collaborative engagement, the University enables farmers to access its laboratories, nurseries, models, and technological innovations that contribute to the development of climate-resilient and eco-friendly farming systems.

#### 1. Hi-Tech Nursery – Production of Quality Planting Material

The Hi-Tech Nursery at VFSTR serves as a model unit for large-scale production of high-quality seedlings and grafts of horticultural and forestry species. Equipped with mist chambers, shade nets, and polyhouses, the nursery ensures optimal growing conditions for producing disease-free and genetically superior planting material. Farmers are trained in propagation techniques such as budding, grafting, and micro-propagation to establish their own nurseries and orchards.

#### 2. Tree-Based Enterprise Incubation Centre (TBEIC)

The TBEIC provides entrepreneurial support to farmers and rural youth by offering access to facilities for value addition in wood-based enterprises. It is equipped with a **CNC wood carving machine** for precision wood processing, **wood seasoning and preservation units** to enhance durability, a **briquetting unit** for converting biomass residues into fuel, and an **agarbatti production setup** for small-scale cottage industries. This centre promotes sustainable use of forest resources and facilitates skill development for income diversification.

#### 3. Food Forest Model – Multi-Species Fruit Orchard

The Food Forest model demonstrates a sustainable agro-ecological approach where **22 different fruit crops** are grown together to mimic natural forest ecosystems. This model promotes biodiversity, enhances soil fertility through natural nutrient cycling, and provides year-round fruit production. Farmers visiting this model learn about species selection, canopy management, and polyculture systems that increase resilience and reduce input dependency.

#### 4. Six-Layered Agroforestry Model

This model integrates **timber and multipurpose tree species** such as Teak, Malabar Neem, Indian Rosewood, Red Sanders, Sandalwood, and Mahogany in a layered structure. The design ensures optimal use of sunlight and soil resources across six vertical layers. It exemplifies how farmers can combine forestry and agriculture for multiple income streams, improved soil conservation, and enhanced biodiversity while sequestering carbon effectively.

#### 5. IoT-Enabled Smart Sensor-Based Irrigation System

VFSTR's smart irrigation unit utilizes **Internet of Things (IoT)** technology to automate water management based on real-time soil moisture and weather data. The system helps farmers optimize irrigation scheduling, minimize water wastage, and improve crop productivity. Training sessions are organized for farmers to understand precision agriculture tools and adopt data-driven irrigation practices for sustainable resource use.

#### 6. Soil Science Laboratory

The Soil Science Lab provides testing services for soil fertility assessment, pH, EC, organic carbon, and nutrient status. Based on laboratory results, farmers receive **customized nutrient management recommendations** for balanced fertilizer application. This helps prevent soil degradation,

enhances productivity, and reduces input costs. The lab also demonstrates techniques like compost quality testing and microbial inoculant preparation.

## 7. Petal Paradise – Circular Flower Crop Garden

The “Petal Paradise” is an aesthetically designed circular flower garden that serves as a **demonstration and training unit** for floriculture. It showcases cultivation techniques for commercial flower crops such as marigold, chrysanthemum, and jasmine under field and protected conditions. Farmers are trained in nursery management, floral arrangement, and post-harvest handling to develop micro-enterprises in ornamental horticulture.

## 8. Exotic Fruit Crop Production Model

This unit demonstrates cultivation of high-value **exotic fruit crops** including Avocado, Jaboticaba, Macadamia, Butter Fruit, Passion Fruit, and Abieu. The model introduces farmers to new market-oriented crops suited for agro-climatic diversification. Training focuses on crop management, grafting, irrigation, and marketing strategies, helping farmers tap into premium fruit markets and diversify income sources.

## 9. Dragon Fruit Orchard

The Dragon Fruit Orchard showcases the complete production cycle of this emerging commercial fruit crop. It demonstrates **trellising systems, pruning methods, flower induction, and post-harvest handling** practices. Farmers are provided with technical guidance on crop establishment and integrated pest management for profitable cultivation under semi-arid conditions.

## 10. Pental System for Production of Cucurbits

This system employs **structural supports (pendals)** to cultivate cucurbits such as bottle gourd, bitter gourd, and ridge gourd. The vertical growing system enhances yield, improves air circulation, and reduces disease incidence. Farmers learn about cost-effective structure fabrication, crop training, and intercropping methods suited for small and marginal holdings.

## 11. LARA OXY ZONE – Green Corridor in N Block

The “LARA OXY ZONE” represents a green corridor developed for **urban greening and carbon sequestration**. It features diverse tree species planted strategically to improve air quality and provide aesthetic value. Farmers and students learn about the ecological benefits of green corridors, carbon budgeting, and urban forestry initiatives that can be replicated in village environments.

## 12. Moringa + Curry Leaf Block

This block integrates **Moringa (drumstick)** and **Curry Leaf** cultivation to demonstrate mixed cropping for small-scale farmers. The combination provides regular income and improves soil health through leaf litter recycling. The block also serves as a learning model for nutrient management, pruning techniques, and post-harvest processing of leafy produce.

## 13. Vermicompost Unit

The Vermicompost Unit illustrates the process of converting agricultural and organic waste into nutrient-rich compost using earthworms. Farmers are trained in bed preparation, moisture regulation, and harvesting of Vermicompost. The unit promotes organic farming by supplying eco-friendly manure and reducing dependence on chemical fertilizers.

## 14. NADEP Composting Pits

The NADEP pits demonstrate aerobic composting for large-scale organic waste management. Farmers learn about pit construction, layering of materials, microbial decomposition, and compost maturation. This method is cost-effective and suitable for village-level waste recycling initiatives, contributing to soil fertility enhancement.

## 15. Agro-Meteorology Unit

The Agro-Meteorology Unit collects weather data and provides **location-specific agro-advisories** for informed crop management. Farmers receive guidance on sowing dates, irrigation scheduling, and pest management based on real-time weather patterns. The unit strengthens climate resilience and promotes adaptive agricultural planning.

### Impact

The University's outreach initiatives strengthen the link between academic research and field-level application. By granting access to these facilities, VFSTR empowers farmers to adopt sustainable and profitable agricultural practices. This collaborative model enhances knowledge transfer, supports rural entrepreneurship, and promotes long-term environmental sustainability.