



VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

VMTWECE/AVS/CIR/2023-24/1/02

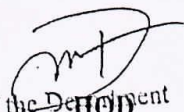
Date: 14-11-2023.

CIRCULAR

We are pleased to inform you that the department is organizing a workshop on "Circuit Craft: A Journey to IOT Applications using Arduino" for III-year students on 20th and 21st Nov 2023. The workshop will be coordinated by Mrs. G. Indira Priyadarshini. All the students are requested to attend the workshop and get benefited.

Copy to:

- Principal office.
- IQAC.
- Circulate to Faculty
- Circulate to Classrooms.
- Notice Board.
- Dept file.


Head of the Department
Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Women
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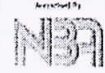



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08-11-2023

DEPARTMENT ELECTRONICS AND COMMUNICATION ENGINEERING

14-11-2023

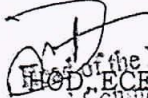
NOTE

In order to give depth practical knowledge to the students. The department is proposed to conduct a workshop on **"Circuit Craft: "A Journey to IOT applications using Arduino"** for III-year ECE students on **20th & 21st NOV 2023**.

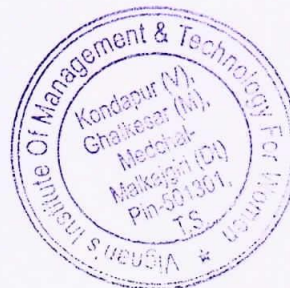
Speaker: **Mr. G. Ganesh Reddy**


Co-Ordinator: **Mrs. G. Indira Priyadarshini**

Submitted for Approval


HOD of the Department
ECE
Electronics and Communication Engineering
Vignani's Institute of Management & Technology For Women
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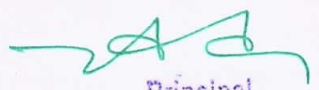
Application For Organizing A one day Workshop

S.No	Particulars	
1	Application for organizing	Workshop
2	Name of the University/Institution	Vignan's Institute of management and Technology for women
3	Level of activity (Regional/State/National/International) :	Regional
4	College/University from where the application of the seminar/conference/Workshop is forwarded (Please give complete address)	Vignan's Institute of management and Technology for women Phone no.8008366773 Email:info.vmtw@gmail.com Website:www.vmtw.in
5	Title of the Program	One day workshop on "Circuit Craft: A Journey to IOT Applications using Arduino"
6	Theme of the Program	Arduino
7	Sub-Theme of the Program.	IOT Applications
8	Details of the Faculty Coordinator	G. Indira Priyadarshini Associate Professor
9	Name of the Program Convener (PC)	Mr.P. Harikrishna HOD, ECE
10	Proposed date of the Program (provide 3 different dates)	06/11/2023 & 07/11/2023, 13/11/2023 & 14/11/2023 20/11/2023 & 21/11/2023
11	Expected total no. of participants	55

1. Brief Summary of the Proposal:

Internet of Things (IoT) is a new revolution of the Internet and a hot technology worldwide. Government, academia, and industry are involved in different aspects of research, implementation and business with IoT. IoT cuts across different application domain verticals ranging from civilian to defense sectors. These domains include agriculture, space, healthcare, manufacturing, construction, water, and mining, which are presently transitioning their legacy infrastructure to support IoT. A device become a smart device is called IOT. Now a days there are many android and server based application. In this system, value of sensor (e.g. temperature sensor, motion sensor, accelerometer sensor etc.) will be shown on GUI or web server or android application through wireless communication and device will be controlled automatically. Device will be operated on Wi-Fi / GPRS.





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2.Objectives of the Program:

The workshop has been designed with the following objective:

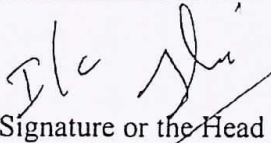
- Provide introduction to Internet of Things (IoT)
- Exposure to various sub-fields and technology stacks of IoT
- Enable people to convert their IoT product idea into a working prototype
- Provide thorough working knowledge of the Arduino Platform
- Bring-up entrepreneurs and innovators by supporting them with investment and mentorship

3.Programme Details: Provide Activity Schedule as below:

Date	Time	Activity(Session wise Lecture)	Venue	Infrastructure	
				Requirements	Availability
20/11/2023	9.15 AM	Inauguration	HALL B-201		
20/11/2023	9.45 AM to 12.30 PM	1. Introduction to Embedded System 2. Introduction to Arduino	HALL B-201	Smart board with Internet	Yes
20/11/2023	2.00 PM to 3.15 PM	3. Introduction to Pin Description 4. Explain Program environmental set up	HALL B-201	Smart board with Internet	Yes
21/11/2023	9.15 AM to 12.30 PM	5. Explain Online Simulation tool for Arduino	HALL B-201	Smart board with Internet	Yes
21/11/2023	2.00 PM to 3.00 PM	6. Examples with Connection and coding part	HALL B-201	Smart board with Internet	Yes
21/11/2023	3.10 PM to 3.40 PM	Valedictory	HALL B-201		

4.Resource Persons:

S.No.	Name	Designation	Organization	Activity (Keynote Address/Chairing Person/Speaker/Advisor)
1	Mr. G. Ganesh Reddy	Assistant Professor	VMTW, Hyderabad	Speaker

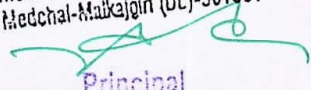

Signature of the Head of the Department

Date: 01.11.2023

Place: Ghatkesar, Hyderabad.



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digital systems can record, monitor, and adjust each interaction between connected things. The physical world meets the digital world and they cooperate.

The aim of workshop is to discuss real life use cases on IoT application and make the session really interactive by providing an opportunity to suggest a solution to real life scenario.

The main highlights of the workshop are given below:

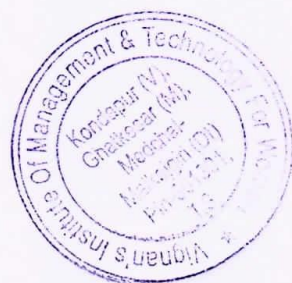
- Arduino board such as Arduino Uno, Arduino Uno R3 SMD their characteristics were discussed in detail
- Wi-Fi module Programming with Arduino.
- Interfacing different types of sensors with Arduino.
- Interfacing and controlling various devices like LED, motors, sensors etc with Arduino.
- Four examples have been taken as a hands-on such as LED glow, Switch sensing, Temperature display, small motor controlling.

At valedictory ceremony, the participants were awarded the certificates.



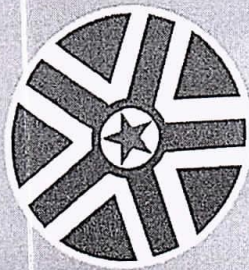
HOD

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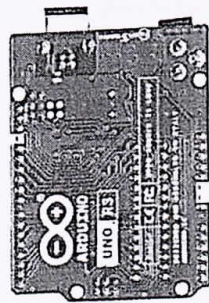


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



IS ORGANISING

A TWO DAY WORKSHOP

ON

CIRCUIT CRAFT: A JOURNEY TO IOT APPLICATIONS USING ARDUINO

ON 20TH & 21ST NOVEMBER, 2023

Speaker:

Mr. G. Ganesh Reddy,
Assistant Professor, ECE, VMTW.

Adh
Principal

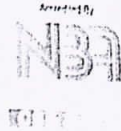
Co-Ordinator: Ms. G. Indira Priyadarshini, Associate Professor, ECE





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Department of Electronics and Communication Engineering A Report on "Circuit Craft: A Journey to IOT Applications using Arduino"

Date: 23-11-2023

Department of Electronics and Communication Engineering conducted Workshop on – "Circuit Craft: A Journey to IOT Applications using Arduino", on 20th and 21st Nov 2023 for students.

Speaker: Mr. Ganesh Reddy, Assistant Professor, ECE Dept, VMTW, Hyderabad. Telangana

A total of 55 members participated in the workshop. The coordinators for the workshop were Mrs. G. Indira Priyadarshini. Associate Professor, ECE Dept, VMTW.

Date & Time: The workshop was conducted on 20th and 21st Nov 2023 from 09:00 AM–3:30 PM

We would like to thank our honorable Chairman Sri Dr. L Rathaiah Garu, CEO Sri B. Shraavan, Principal Dr. A. Apparao Naidu and Mr. P. Harikrishna, HOD of ECE for their support for successful completion of workshop.

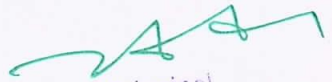
All the participants felt very happy for attending the program and most of them given excellent feedback.

To fulfil the industry goals and requirements, the Department of Electronics and Communication Engineering (ECE) in association with IETE conducted a two-day workshop on "Circuit Craft: A Journey to IOT Applications using Arduino" The workshop started with an introductory and interactive talk on "IOT".

Over the past few years, IoT has become one of the most important technologies of the 21st century. Now that we can connect everyday objects—kitchen appliances, cars, thermostats, baby monitors—to the internet via embedded devices, seamless communication is possible between people, processes, and things.

By means of low-cost computing, the cloud, big data, analytics, and mobile technologies, physical things can share and collect data with minimal human intervention. In this hyperconnected world,




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igital systems can record, monitor, and adjust each interaction between connected things. The physical world meets the digital world and they cooperate.

The aim of workshop is to discuss real life use cases on IoT application and make the session really interactive by providing an opportunity to suggest a solution to real life scenario.

The main headlines of the workshop are given below:

1. Introduction to Embedded System
 2. Introduction to Arduino
 3. Introduction to Pin Description
 4. Explain Program environmental set up
 5. Explain Online Simulation tool for Arduino
 6. Examples with Connection and coding part.
 - i). LED
 - ii). Button with LED
 - iii). LCD
 - iv). 7-Segment Display
 - v). Motor Driver Concept with Controlling
 - vi). Relay
 - vii). DHT11 Concept with code.
 - viii). LDR Sensor
 - ix). Servo Motor Concept with example code
 - x). Serial Communication Concept (Transmitting And Receiving data between Arduino and Laptop/Computer)
 - xi). how to use analog and digital pin configuration for Embedded Projects.
- At valedictory ceremony, the participants were awarded the certificates.

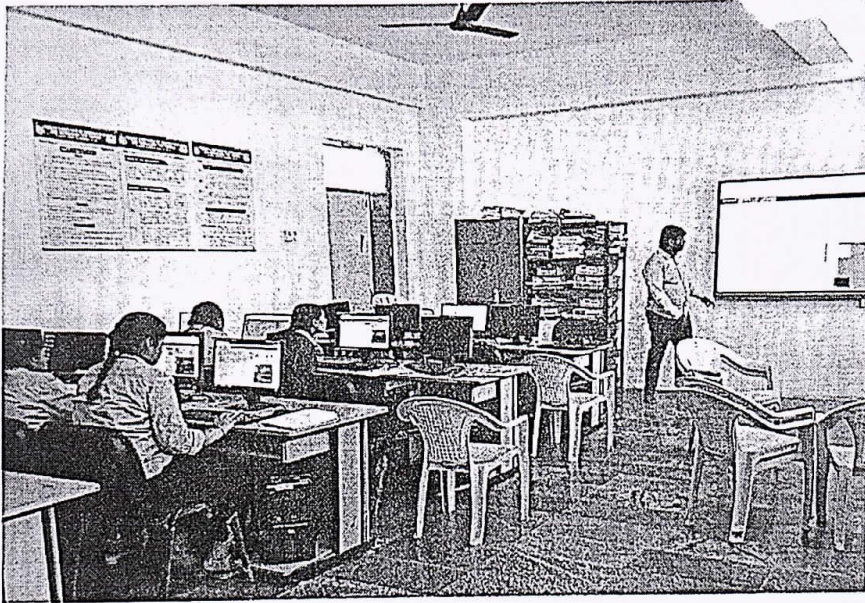



[Signature]
HOD

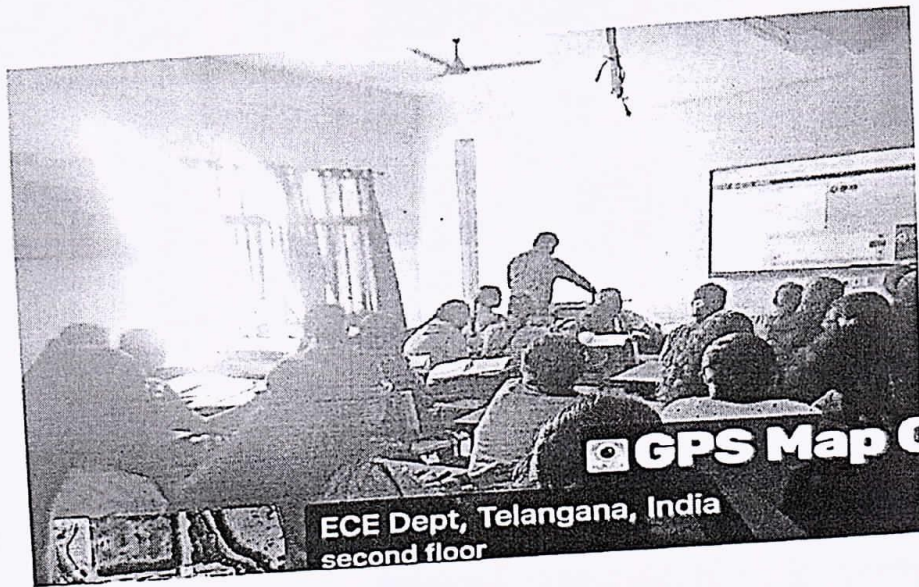
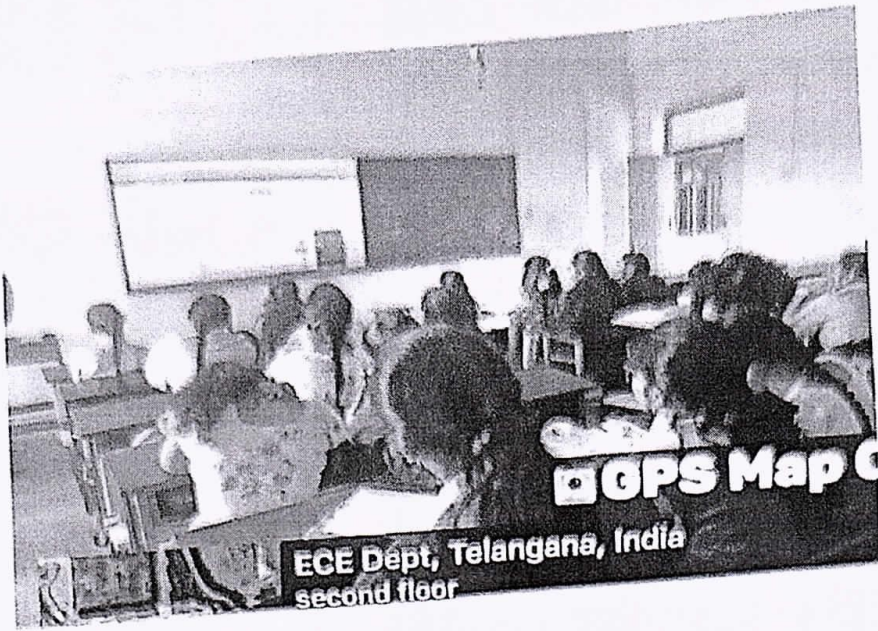
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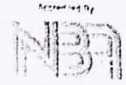


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ESTD 1983

Department of Electronics and Communication Engineering A Report on “ A Journey to IOT Applications using Arduino’

Date: 27-12-2023

Department of Electronics and Communication Engineering conducted Workshop on – “A Journey into Arduino and IoT Applications”, on 22nd and 23rd Dec 2023 for students.

Speaker: Mr. Ganesh Reddy, Assistant Professor, ECE Dept, VMTW, Hyderabad. Telangana

A total of 55 members participated in the workshop. The coordinators for the workshop were Mrs. G. Indira Priyadarshini, Associate Professor, ECE Dept, VMTW.

Date & Time: The workshop was conducted on 22nd and 23rd Dec 2023 from 09:00 AM–3:30 PM

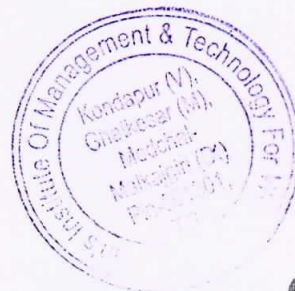
We would like to thank our honorable Chairman Sri Dr. L Rathaiah Garu, CEO Sri B. Shraavan, Principal Dr. A. Apparao Naidu and Mr. P. Harikrishna, HOD of ECE for their support for successful completion of workshop.


All the participants felt very happy for attending the program and most of them given excellent feedback.

To fulfil the industry goals and requirements, the Department of Electronics and Communication Engineering (ECE) in association with IETE conducted a two-day workshop on “A Journey into Arduino and IoT Applications” The workshop started with an introductory and interactive talk on “IOT”.

Over the past few years, IoT has become one of the most important technologies of the 21st century. Now that we can connect everyday objects—kitchen appliances, cars, thermostats, baby monitors—to the internet via embedded devices, seamless communication is possible between people, processes, and things.

By means of low-cost computing, the cloud, big data, analytics, and mobile technologies, physical things can share and collect data with minimal human intervention. In this hyperconnected world,




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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

III YEAR I SEM

A TWO DAY WORKSHOP ON " Circuit Craft: "A Journey to IOT applications using Arduino"

ON 20TH AND 21ST NOVEMBER 2023

S.no	1. The information, material and/or skills presented were relevant and	2. The presenter(s) provided adequate time for questions	3. The presenter(s) modeled student centered learning strategies and techniques.	4. The session increased my knowledge and skills.	5. The presenter(s) suggested ways to follow-up the training	6. How would you rate this Session?	7. Areas/Topics about which you would like to receive further training.	8. ANY OTHER SUGGESTION
1	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	No
2	FAIR	POOR	FAIR	GOOD	FAIR	POOR	FAIR	It would have been better if the session was some more interactive
3	VERY GOOD	VERY GOOD	GOOD	GOOD	VERY GOOD	VERY GOOD	GOOD	No
4	VERY GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	GOOD	No
5	GOOD	GOOD	GOOD	GOOD	GOOD	POOR	GOOD	No suggestions
6	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	No suggestions
7	GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	Provide more workshop
8	GOOD	POOR	GOOD	FAIR	POOR	POOR	GOOD	Please provide the good working systems
9	GOOD	POOR	GOOD	FAIR	POOR	POOR	GOOD	Pls provide a good systems
10	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	No suggestions
11	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	No suggestions
12	GOOD	GOOD	FAIR	FAIR	FAIR	FAIR	FAIR	It would be better, if it is extended for few more days
13	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	It's good
14	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	Two days workshop was informative
15	GOOD	VERY GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	More useful workshops
16	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	GOOD	VERY GOOD	No suggestions, We want more workshops.
17	EXCELLENT	GOOD	VERY GOOD	EXCELLENT	GOOD	GOOD	VERY GOOD	We want more work shops and practical also
18	EXCELLENT	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	EXCELLENT	Nothing
19	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	Provide step by step tutorials, project showcases, resources and references etc..
20	VERY GOOD	GOOD	GOOD	VERY GOOD	FAIR	GOOD	GOOD	No
21	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Conduct many more sessions like this... Conducting the workshops is better for every student for knowing and gaining the more knowledge....
22	VERY GOOD	VERY GOOD	GOOD	EXCELLENT	GOOD	VERY GOOD	VERY GOOD	We need more sessions like to be held in future
23	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	GOOD	GOOD	Implement some hardware classes for design of mini projects
24	GOOD	GOOD	VERY GOOD	GOOD	GOOD	VERY GOOD	VERY GOOD	Give some more time for execution
25	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	Give some time for execution
26	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	None	It was very nice of by very good information
27	VERY GOOD	GOOD	GOOD	GOOD	VERY GOOD	EXCELLENT	VERY GOOD	

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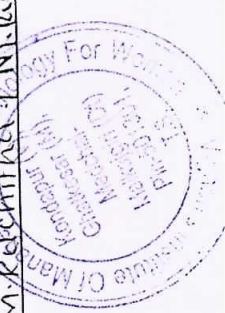


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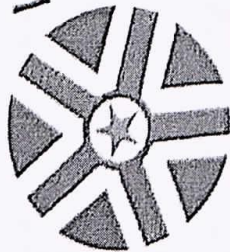
III YEAR I SEM

A TWO DAY WORKSHOP ON " Circuit Craft: A Journey to IOT applications using Arduino"
ON 20TH AND 21ST NOVEMBER 2023

SL No.	Hall Ticket No	Name	20-11-2023(FN)	20-11-2023(AN)	21-11-2023(FN)	21-11-2023(AN)
1	21UP1a0401	ADAVIKOLANU NAGA SUDEEPTHI	A. Sudeepta	A. Sudeepta	A. Sudeepta	A. Sudeepta
2	21UP1a0402	AGGIDI SINDHU	A. Sindhu	A. Sindhu	A. Sindhu	A. Sindhu
3	21UP1a0403	ANGOTHU SHAILAJA	A. Shailaja	A. Shailaja	A. Shailaja	A. Shailaja
4	21UP1a0404	BASWA POOJITHA	B. Poojitha	B. Poojitha	B. Poojitha	B. Poojitha
5	21UP1a0405	BOKKA NIKHITHA	B. Nikhitha	B. Nikhitha	B. Nikhitha	B. Nikhitha
6	21UP1a0406	BORRA SHREE LAKSHMI NAVEENA				
7	21UP1a0407	BUGGA POOJITHA	B. Poojitha	B. Poojitha	B. Poojitha	B. Poojitha
8	21UP1a0408	CHENNOJU SHIVANI CHARY				
9	21UP1a0409	CHILUVERU VAISHNAVI	Ch. Vaishnavi	Ch. Vaishnavi		
10	21UP1a0410	CHINDAM MANISHA	Ch. Manisha	Manisha	Manisha	Manisha
11	21UP1a0411	NIKITHA	Ch. Nikitha	Ch. Nikitha	Ch. Nikitha	Ch. Nikitha
12	21UP1a0412	THRISHA DANTHURI	D. Thrisha	D. Thrisha	D. Thrisha	D. Thrisha
13	21UP1a0413	GORAKANTI SHIVANI	Shivani	Shivani	Shivani	Shivani
14	21UP1a0414	GUDUMALA DIVYASHREE	Divya	G. Divya	Divyashree	Divyashree
15	21UP1a0415	GOGU RAVALI	G. Raval	G. Raval	G. Raval	G. Raval
16	21UP1a0416	GORRE SRI CHANDANA	Chandana	G. Chandana	G. Chandana	G. Chandana
17	21UP1a0417	GUNDLAPALLY MADHURI	G. Madhuri	G. Madhuri	G. Madhuri	G. Madhuri
18	21UP1a0418	KALLEDA RUCHITHA	Ruchitha	Ruchitha	Ruchitha	Ruchitha
19	21UP1a0419	KOLLOJU SHRAVYA	Shravya	Shravya	Shravya	Shravya
20	21UP1a0420	KASALA AKHILA	Akhila	Akhila	Akhila	Akhila
21	21UP1a0421	KATIKALA NIHARIKA	Niharika	Niharika	Niharika	Niharika
22	21UP1a0422	KOSIKA DEVIKA	K. Devika	K. Devika	K. Devika	K. Devika
23	21UP1a0423	MORAMPUDI RAJA SUHASINI	M. Rajasubhasini	M. Rajasubhasini	M. Rajasubhasini	M. Rajasubhasini
24	21UP1a0424	MOGALLA PRANEETHA SIRI				
25	21UP1a0425	MADDURU RUCHITHA	M. Ruchitha	M. Ruchitha	M. Ruchitha	M. Ruchitha



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Telangana State



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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301



Certificate of Participation

This certificate is presented to

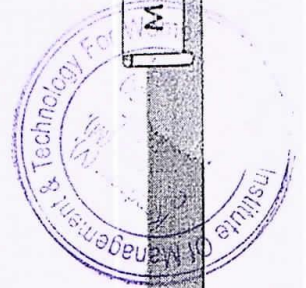
Mettu Sowmya

for participation in the Two-Day workshop on "Circuit Craft: A Journey to IOT Applications using Arduino" held on 20th & 21st November, 2023.
Organized by the Department of Electronics & Communication Engineering,
under IETE Students Chapter.

Sowmya
Co-ordinator,
IETE Student Chapter

[Signature]

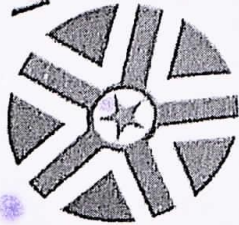
HoD,
ECE



[Signature]
Principal,
VMTW

Made for free With Certifyem
Kondapur (V) Ghatkesar (M), Medchal - Malkajgiri (D)

telangana state



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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301



Certificate of Participation

This certificate is presented to

Mettu Sowmya

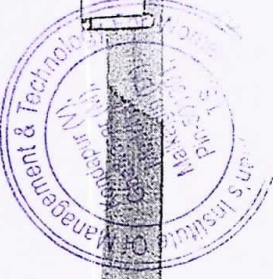
for participation in the Two-Day workshop on "Circuit Craft: A Journey to IOT Applications using Arduino" held on 20th & 21st November, 2023.
Organized by the Department of Electronics & Communication Engineering,
under IETE Students Chapter.

Srinivasulu
Co-ordinator,
IETE Student Chapter

[Signature]

HoD,
ECE

[Signature]
Principal,
VMTW



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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301

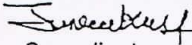


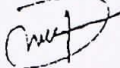
Certificate of Participation

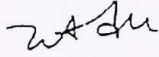
This certificate is presented to

B.Nikhitha

for participation in the Two-Day workshop on "Circuit Craft: A Journey to IOT Applications using Arduino" held on 20th & 21st November, 2023.
Organized by the Department of Electronics & Communication Engineering,
under IETE Students Chapter.


Co-ordinator,
IETE Student Chapter

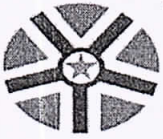

HoD,
ECE


Principal,
VMTW

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CSE & ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Add on Course

Energy-Efficient Antennas: Sustainable and Smart

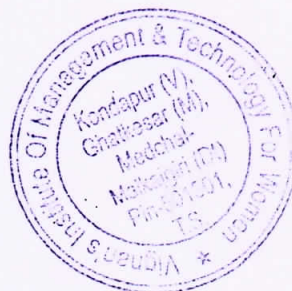
From

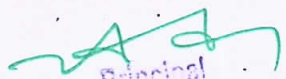
15-04-2024 to 22-04-2024

B.Tech - III - II SEM

In association with

VMTW, Hyderabad




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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 08-04-2024

To
The Principal,
VMTW,
Hyderabad.

Sub: Approval to conduct Add-on course for III B.Tech Students –Reg.

Respected sir,

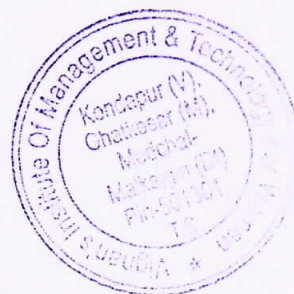
As per the suggestion from department advisory committee to enrich the curriculum and to fill the curriculum gaps, it is proposed to conduct Add-on course for III B.Tech Students for the academic year 2023-24. The course title “**Energy-Efficient Antennas: Sustainable and Smart**” has been identified as Addon course in association with IETE Hyderabad, and the proposed schedule from 15-04-2024 to 22-04-2024.

Hence I request you to give permission to conduct the Addon course

COORDINATOR

HOD,ECE.

Head of the Department
Electronics and Communication Engine
Vignan's Institute of Management & Technology For
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-



Principal
Vignan's Institute of Management & Technology For
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

VMTW/ECE/AOC/CIR/2023-24/II/03

Date: 11-04-2024.

CIRCULAR

This is to inform all the III B. Tech ECE students that there will be an Add on course on "Energy-Efficient Antennas: Sustainable and smart "in association with IETE Hyderabad., from 15-04-2024 to 22-04-2024. All the students are invited to take part in this course. The participating students will be honored with certificates of participation. During the course you will be encouraged to interact with the speaker and the other participants through the case study and discussions.

HOD

Head of the Department

Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301

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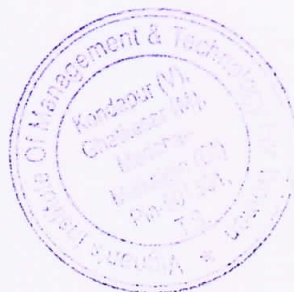
The Principal, for kind information

IQAC

Notice board

III.B.Tech students

Dept. file



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Vignan's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ENERGY-EFFICIENT ANTENNAS: SUSTAINABLE AND SMART

Academic Year: 2023-24

B.Tech : III-IISEM

SECTION: FCE-A

SYLLABUS

COURSE OBJECTIVES

- Understand the principles of energy-efficient antenna design.
- Apply sustainable practices in antenna system integration.
- Optimize antenna designs for reduced energy consumption without sacrificing performance.
- Explore smart antennas and their role in reducing power usage in communication networks.
- Investigate the impact of energy-efficient antennas on modern communication technologies

Module I: Embedded and Microcontroller Concepts

Introduction to Energy-Efficient Antennas, Overview of sustainable antenna design, The role of antennas in modern communication networks. Energy consumption in wireless systems, Sustainable design principles, Basic antenna parameters (gain, radiation pattern, directivity, etc.). Antenna types and their applications Introduction to antenna radiation efficiency.


Module II: Energy-Efficient Design Principles

Energy consumption models in antennas, Optimizing energy usage in antenna systems, Trade-offs between efficiency and performance. Smart Antennas and Adaptive Techniques. Smart antenna systems (MIMO, beamforming), Energy efficiency in smart antenna systems.

Module III Green Communication Technologies

Energy-efficient communication protocols, Low-power antennas for IoT and 5G systems, Case studies of green wireless networks, Antenna Material Selection for Efficiency, Impact of materials on energy consumption, Metamaterials and their role in reducing energy usage. Sustainable material choices for antennas.




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Module IV Antenna Array Design for Energy Efficiency: Antenna arrays and their energy efficiency, Design considerations for reduced power consumption, Numerical methods for optimizing array configurations Antenna Performance Metrics for Sustainability.

Module V Energy Harvesting Antennas: Introduction to energy harvesting technologies. Antennas designed for energy harvesting, Applications of energy harvesting in wireless systems. Smart Grids and Energy-Efficient Antennas. Role of antennas in smart grid communication.

Text Book

- 1 Antenna Theory: Analysis and Design by Constantine A. Balanis
- 2 Energy-Efficient Wireless Communications: Design and Optimization" by Anna Scaglione and Giuseppe Caire
- 3 Sustainable Wireless Communication by M. I. J. Chowdhury and M. A. Jaber



Coordinator


Resource Person


HOD

Head of the Department
Electronics and Communication Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DL)-501301.




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CSE & ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE NAME: Energy-Efficient Antennas: Sustainable and Smart

Academic Year: 2023-24

Date: 12-04-2024

B.Tech III-II SEM

SECTION: ECE-A

DAY WISE SCHEDULE SHEET

Room Number: B-BLOCK SEMINAR HALL

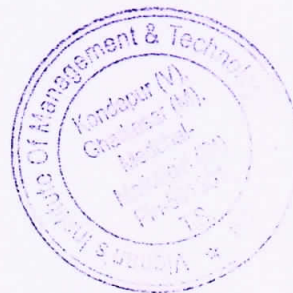
S.no	DAY	Topic	Timings	Duration
1	15-04-24	Introduction to Energy-Efficient Antennas	09:00am to 03:00pm	5 hours
2	16-04-24	Fundamentals of Antenna Theory	09:00am to 03:00pm	5 hours
3	17-04-24	Energy-Efficient Design Principles	09:00am to 03:00pm	5 hours
4	18-04-24	Smart Antennas and Adaptive Techniques	09:00am to 03:00pm	5 hours
5	19-04-24	Green Communication Technologies	09:00am to 03:00pm	5 hours
6	20-04-24	Antenna Material Selection for Efficiency	09:00am to 03:00pm	5 hours
7	22-04-24	Antenna Array Design for Energy Efficiency	09:00am to 03:00pm	5 hours
		Antenna Performance Metrics for	03:00pm to 04:00pm	1 hour
Total 36 hours				

COORDINATOR

HOD

Head of the Department

**Electronics and Communication Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301**



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Telangana State**



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE NAME: **Energy-Efficient Antennas: Sustainable and Smart**

ADDON COURSE STUDENT REGISTRATION FORM

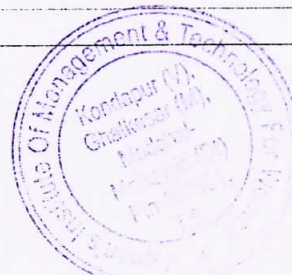
Academic Year : 2023-2024

Date : 12-04-2024

B.Tech III-II SEM

SECTION : ECE-A

S.No	Roll number	Name of the student	Signature
1	20UPIA0422	K.Sai Snigdha	AB
2	21UPIA0401	A. Naga Sudepthi	AB
3	21UPIA0402	A. Sindhu	A. Sindhu
4	21UPIA0403	Angothu Shailaja	A. Shailaja
5	21UPIA0404	Baswa Poojitha	B. Poojitha
6	21UPIA0405	Bokka Nikhitha	B. Nikhitha
7	21UPIA0406	Borra Shree Lakshmi Naveena	B. Laxmi Naveena
8	21UPIA0407	Bugga Poojitha	B. poojitha
9	21UPIA0408	C. Shivani	AB
10	21UPIA0409	Chiluveru Vaishnavi	ch. vaishnavi
11	21UPIA0410	Chindam Manisha	Ch. Manisha
12	21UPIA0411	Chindam Nikitha	C. Nikitha
13	21UPIA0412	Danthuri Thrisha	D. Thrisha
14	21UPIA0413	Gorakanti Shivani	G. shivani
15	21UPIA0414	G. Divya Shree	G. Divya
16	21UPIA0415	Gogu Ravali	G. Ravali
17	21UPIA0416	Gorre Sri Chandana	G. Srirachandana
18	21UPIA0417	Gundlapally Madhuri	G. Madhuri
19	21UPIA0418	K. Ruchitha	k. Ruchitha
20	21UPIA0419	K. Shravya	k. shravya.
21	21UPIA0420	Kasala Akhila	AB
22	21UPIA0421	Katikala Niharika	K. Niharika
23	21UPIA0422	Kosika Devika	K. Devika
24	21UPIA0423	M Raja Suhasini	M. Raja Suhasini
25	21UPIA0424	M. Praneetha Siri	M. Praneetha Siri
26	21UPIA0425	Madduru Ruchitha	M. Ruchitha
27	21UPIA0426	Madishetti Akshitha	Akshitha
28	21UPIA0428	Mettu Sowmya	Sowmya
29	21UPIA0429	Nasam Sanjana	N. Sanjana
30	21UPIA0430	Nukalagudam Deepthi	AB
31	21UPIA0431	P. Durga	Durga
32	21UPIA0433	P. Laxmi Bhavani	P. Bhavani
33	21UPIA0434	Renukuntla Sushma	Sushma



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34	21UPIA0435	Repala Vedasri	R.vedasri
35	21UPIA0436	Sudireddy Sai Teja	Sai
36	21UPIA0437	Sunkari Suchithra	S.suchitra
37	21UPIA0438	Surigi Shivani	Shivani
38	21UPIA0439	Thangirala Deepika Reddy	AB
39	21UPIA0440	Tirumani Sowmya	T. Sowmya
40	21UPIA0441	V. Sai Shruithika	Sai Shruithika
41	21UPIA0442	Vallapu Jayasri	Jayasri
42	22UP5A0401	Alladi Pravalika Yadav	A.Pravalika
43	22UP5A0402	Ayidapu Samatha	AB
44	22UP5A0403	Bandela Pramodini	B.Pramodini
45	22UP5A0404	K Sarika	K. Sarika
46	22UP5A0405	Kasivojjula Bhavani	K. Bhavani
47	22UP5A0406	Madipadige Harika	M. Harika
48	22UP5A0407	Medhari Sowmya	M. Sowmya
49	22UP5A0408	Mukkerla Divya	AB
50	22UP5A0409	Nallawar Niharika	N. Niharika
51	22UP5A0410	Nanneboyina Sahasra	N. Sahasra
52	22UP5A0411	Pole Chandana	P. Chandana
53	22UP5A0412	Ponnana Naveena Rani	P. Naveena Rani
54	22UP5A0413	Rampally Uma Devi	R. Umadevi
55	22UP5A0414	Silari Mrudhuveena	Mrudhuveena
56	22UP5A0415	Thantharapally Navya	T. Navya


COORDINATOR


HOD

Head of the Department
Electronics and Communication Engineering
Vignar's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301




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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE NAME: Energy-Efficient Antennas: Sustainable and Smart

ADD ON COURSE STUDENT REGISTERED LIST

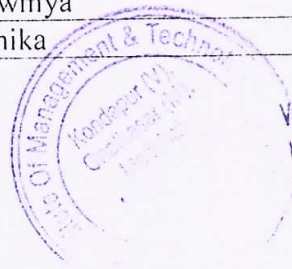
Academic Year : 2023-2024

Date : 13-04-2024

B.Tech III-II SEM

SECTION : ECE-A

S.No	Roll Number	Name of the Student
1	21UPIA0402	A. Sindhu
2	21UPIA0403	Angothu Shailaja
3	21UPIA0404	Baswa Poojitha
4	21UPIA0405	Bokka Nikhitha
5	21UPIA0406	Borra Shree Lakshmi Naveena
6	21UPIA0407	Bugga Poojitha
7	21UPIA0409	Chiluveru Vaishnavi
8	21UPIA0410	Chindam Manisha
9	21UPIA0411	Chindam Nikitha
10	21UPIA0412	Danthuri Thrisha
11	21UPIA0413	Gorakanti Shivani
12	21UPIA0414	G. Divya Shree
13	21UPIA0415	Gogu Ravali
14	21UPIA0416	Gorre Sri Chandana
15	21UPIA0417	Gundlapally Madhuri
16	21UPIA0418	K. Ruchitha
17	21UPIA0419	K. Shravya
18	21UPIA0421	Katikala Niharika
19	21UPIA0422	Kosika Devika
20	21UPIA0423	M Raja Suhasini
21	21UPIA0424	M.Praneetha Siri
22	21UPIA0425	Madduru Ruchitha
23	21UPIA0426	Madishetti Akshitha
24	21UPIA0428	Mettu Sowmya
25	21UPIA0429	Nasam Sanjana
26	21UPIA0431	P. Durga
27	21UPIA0433	P. Laxmi Bhavani
28	21UPIA0434	Renukuntla Sushma
29	21UPIA0435	Repala Vedasri
30	21UPIA0436	Sudireddy Sai Teja
31	21UPIA0437	Sunkari Suchithra
32	21UPIA0438	Surigi Shivani
33	21UPIA0440	Tirumani Sowmya
34	21UPIA0441	V. Sai Shruthika



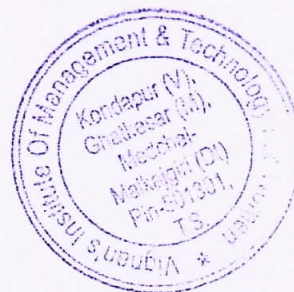
Principal
Vignans Institute of Management & Technology
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri,
Telangana State

35	21UP1A0442	Vallapu Jayasri
36	22UP5A0401	Alladi Pravalika Yadav
37	22UP5A0403	Bandela Pramodini
38	22UP5A0404	K Sarika
39	22UP5A0405	Kasivojjula Bhavani
40	22UP5A0406	Madipadige Harika
41	22UP5A0407	Medhari Sowmya
42	22UP5A0409	Nallawar Niharika
43	22UP5A0410	Nanneboyina Sahasra
44	22UP5A0411	Pole Chandana
45	22UP5A0412	Ponnana Naveena Rani
46	22UP5A0413	Rampally Uma Devi
47	22UP5A0414	Silari Mrudhveena
48	22UP5A0415	Thantharapally Navya

COORDINATOR

HOD

Head of the Department
Electronics and Communication Engineering
 Vignani's Institute of Management & Technology For Women
 Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DL)-501301



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ADD ON COURSE NAME: **Energy-Efficient Antennas: Sustainable and Smart**

DAY WISE ATTENDANCE SHEET

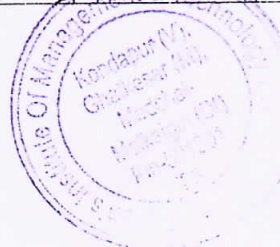
Academic Year : 2023-2024

Date : 15-04-2024

B.Tech III-II SEM

SECTION : ECE-A

S.No	Roll Number	15-04-24	16-04-24	18-04-24	19-04-24	20-04-24	22-04-24
1	21UPIA0402	A.Sindhu	A.Sindhu	A.Sindhu	A.Sindhu	A.Sindhu	A.Sindhu
2	21UPIA0403	A.Shailaja	A.Shailaja	A.Shailaja	A.Shailaja	A.Shailaja	A.Shailaja
3	21UPIA0404	B.Poojitha	B.Poojitha	B.Poojitha	B.Poojitha	B.Poojitha	B.Poojitha
4	21UPIA0405	B.Nikhitha	B.Nikhitha	B.Nikhitha	B.Nikhitha	B.Nikhitha	B.Nikhitha
5	21UPIA0406	B.Laxminava	B.Laxminava	B.Laxmi	B.Laxmi	B.Laxmi	B.Laxmi
6	21UPIA0407	B.Poojitha	B.Poojitha	B.Poojitha	B.Poojitha	B.Poojitha	B.Poojitha
7	21UPIA0409	Ch.Vaishnavi	Ch.Vaishnavi	Ch.Vaishnavi	Ch.Vaishnavi	Ch.Vaishnavi	Ch.Vaishnavi
8	21UPIA0410	Ch.Manisha	Ch.Manisha	Ch.Manisha	Ch.Manisha	Ch.Manisha	Ch.Manisha
9	21UPIA0411	C.Nikhitha	C.Nikhitha	C.Nikhitha	C.Nikhitha	C.Nikhitha	C.Nikhitha
10	21UPIA0412	D.TGisha	D.TGisha	D.TGisha	D.TGisha	D.TGisha	D.TGisha
11	21UPIA0413	G.Shivani	G.Shivani	G.Shivani	G.Shivani	G.Shivani	G.Shivani
12	21UPIA0414	G.Duysa	G.Duysa	G.Duysa	G.Duysa	G.Duysa	G.Duysa
13	21UPIA0415	G.Ravali	G.Ravali	G.Ravali	G.Ravali	G.Ravali	G.Ravali
14	21UPIA0416	G.Srichandana	G.Srichandana	G.Srichandana	G.Srichandana	G.Srichandana	G.Srichandana
15	21UPIA0417	G.Madhuri	G.Madhuri	G.Madhuri	G.Madhuri	G.Madhuri	G.Madhuri
16	21UPIA0418	K.Ruchitha	K.Ruchitha	K.Ruchitha	K.Ruchitha	K.Ruchitha	K.Ruchitha
17	21UPIA0419	Shravya	Shravya	Shravya	Shravya	Shravya	Shravya
18	21UPIA0421	Niharika	Niharika	Niharika	Niharika	Niharika	Niharika
19	21UPIA0422	K.Devika	K.Devika	K.Devika	K.Devika	K.Devika	K.Devika
20	21UPIA0423	Raja	Raja	Raja	Raja	Raja	Raja
21	21UPIA0424	M.Praneetha	M.Praneetha	M.Praneetha	M.Praneetha	M.Praneetha	M.Praneetha
22	21UPIA0425	Ruchitha	Ruchitha	Ruchitha	AB	Ruchitha	Ruchitha
23	21UPIA0426	M.Akshitha	M.Akshitha	M.Akshitha	M.Akshitha	M.Akshitha	M.Akshitha
24	21UPIA0428	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya	Sowmya
25	21UPIA0429	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana	Sanjana
26	21UPIA0431	Divya	Divya	Divya	Divya	Divya	Divya
27	21UPIA0433	P.Bhavi	P.Bhavi	P.Bhavi	P.Bhavi	P.Bhavi	P.Bhavi
28	21UPIA0434	Sushma	Sushma	Sushma	Sushma	Sushma	Sushma
29	21UPIA0435	R.Vedasi	R.Vedasi	R.Vedasi	R.Vedasi	R.Vedasi	R.Vedasi
30	21UPIA0436	Sai	Sai	Sai	Sai	Sai	Sai
31	21UPIA0437	S.Suchithra	S.Suchithra	S.Suchithra	S.Suchithra	S.Suchithra	S.Suchithra
32	21UPIA0438	S.Shivani	S.Shivani	S.Shivani	S.Shivani	S.Shivani	S.Shivani



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33	21UPIA0440	T. Sowmya	Sowmya	sowmya	Sowmya	Sowmya	Sowmya
34	21UPIA0441	Saishruthika	Saishruthika	Saishruthika	Saishruthika	Saishruthika	Saishruthika
35	21UPIA0442	Jayashri	Jayashri	Jayashri	Jayashri	Jayashri	Jayashri
36	22UP5A0401	A.Pravalika	A.Pravalika	A.Pravalika	A.Pravalika	A.Pravalika	A.Pravalika
37	22UP5A0403	B.Pramodini	B.Pramodini	B.Pramodini	B.Pramodini	B.Pramodini	B.Pramodini
38	22UP5A0404	K.Sarika	K.Sarika	K.Sarika	K.Sarika	K.Sarika	K.Sarika
39	22UP5A0405	K. Bhavani	K. Bhavani	AB	K. Bhavani	K. Bhavani	K. Bhavani
40	22UP5A0406	M. Harika	M. Harika	M. Harika	M. Harika	M. Harika	M. Harika
41	22UP5A0407	M. Sowmya	M. Sowmya	M. Sowmya	M. Sowmya	M. Sowmya	M. Sowmya
42	22UP5A0409	N. Niharika	N. Niharika	N. Niharika	N. Niharika	N. Niharika	N. Niharika
43	22UP5A0410	N. Sahasra	N. Sahasra	N. Sahasra	N. Sahasra	N. Sahasra	N. Sahasra
44	22UP5A0411	P. Chandan	P. Chandan	P. Chandan	P. Chandan	P. Chandan	P. Chandan
45	22UP5A0412	P. Naveena	P. Naveena	P. Naveena	P. Naveena	P. Naveena	P. Naveena
46	22UP5A0413	R. Umadevi	R. Umadevi	R. Umadevi	R. Umadevi	AB	R. Umadevi
47	22UP5A0414	S. Sneha	S. Sneha	S. Sneha	S. Sneha	S. Sneha	S. Sneha
48	22UP5A0415	T. Navya	T. Navya	T. Navya	T. Navya	T. Navya	T. Navya

COORDINATOR

HOD

Head of the Department
 Electronics and Communication Engineering
 Vignani's Institute of Management & Technology For Women
 Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DL)-501301



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 26-04-2024

PROGRAM REPORT

Name of the Add on Course: Energy-Efficient Antennas: Sustainable and Smart

Day/Duration: 36 Hours.

Time: 9:00AM to 3:00PM.

Resource Person: Mr.T.Pullaiyah, Associate Professor ,ECE Dept,VMTW,HYD.

Name of the Coordinator: Mr. J. Sunil Kumar, Assistant Professor, VMTW.

Number of the Participants: 48.


Topics covered: The following topics covered in this program

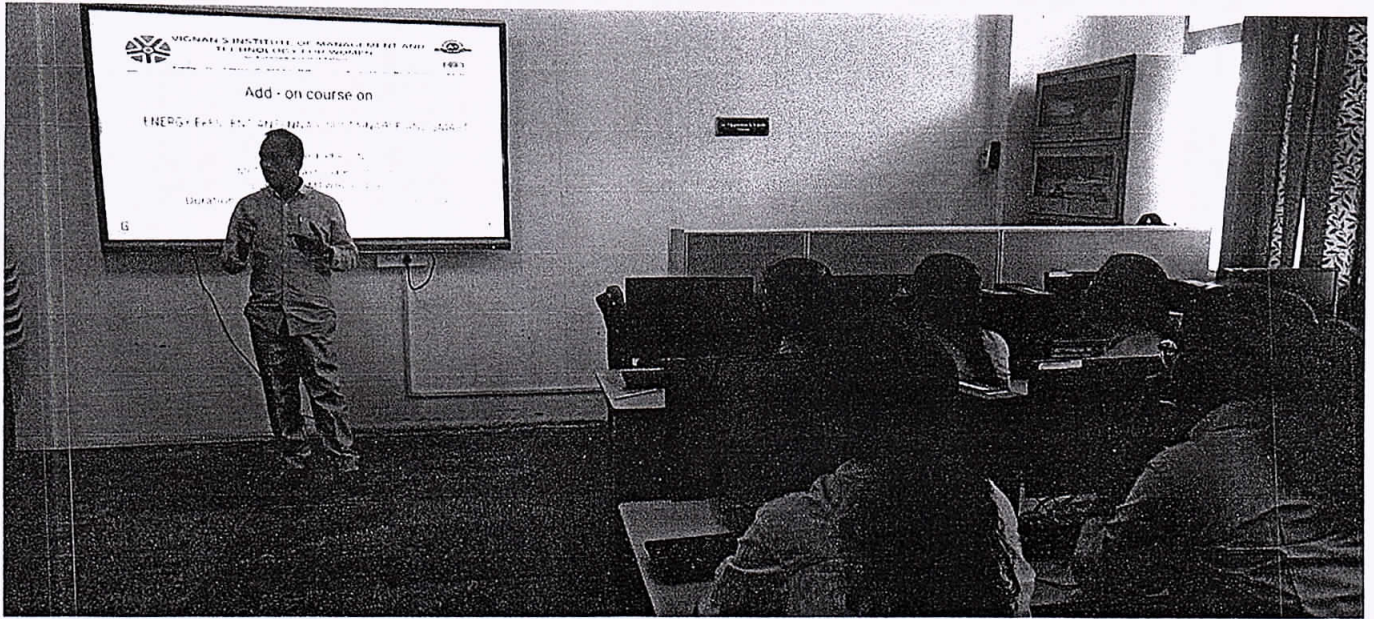
1. Introduction to Energy-Efficient Antennas.
2. Fundamentals of Antenna Theory.
3. Smart Antennas and Adaptive Techniques.
4. Antenna Material Selection for Efficiency.
5. Antenna Array Design for Energy Efficiency

Course Outcomes:

COs	At the end of the course, students will have the ability to:	POs Mapped	Strength of mapping
CO1	Able to understand Types of antennas	P02,P01	2
CO2	Able to apply various design techniques in antennas	P02,P01	2
CO3	Improved Employability and entrepreneurship capacity due to knowledge	P01,P03	3
CO4	Ability to use HFSS software to design 2D &3D antennas.	P02,P04	2
CO5	Understand the Antenna Array Design for Energy Efficiency	P01,P02	2




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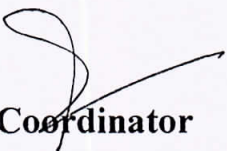


Energy-Efficient Antennas: Sustainable and Smart.: Add on course explaining by

Mr.T.Pullaiah, Associate Professor, ECE Dept, VMTW, HYD

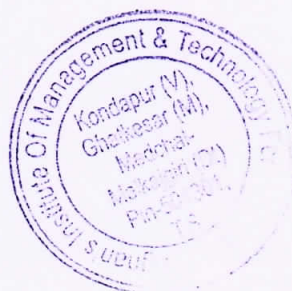
It was a wonderful event in this students are able to understand about the , principles, and application of energy-efficient antennas, highlighting sustainable practices in modern communication systems. It covers key concepts in antenna design, optimization, and integration into wireless networks with a focus on reducing energy consumption while maintaining high performance. The course blends theoretical knowledge with practical, real-world applications in the context of sustainable and smart technologies.

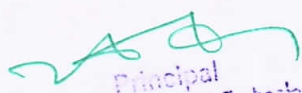
Assessment Procedure: The assessment of the Add on course is conducted in Multiple Choice Questions through offline Mode.


Coordinator


ECE, HOD

Head of the Department
Electronics and Communication Engineering
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Certificate of Course Completion

This is to certify that Ms./Mr. V. Sai Shruthika.....

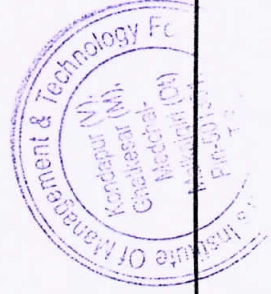
Roll No. 21UP1A0441..... Year III.....

has successfully completed the Addon/Certification Course on

Energy - Efficient Antennas: Sustainable and Smart.....

held from 15/04/2024 to 22/04/2024.....

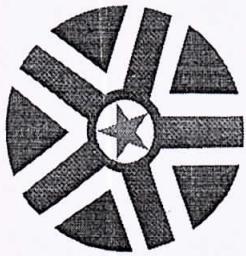
Head of the Department
Electronics and Communication Engineering
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Principal, VMTW



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Certificate of Course Completion

This is to certify that Ms./Mr. Madduru Rachitha.....

Roll No. 21UP1A0425..... Year III.....

has successfully completed the Addon/Certification Course on

Energy - Efficient Antennas: Sustainable and Smart.....

held from 15/04/2024..... to 22/04/2024.....

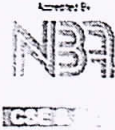
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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

VMTW/ECE/WS/CIR/2023-24/1/03

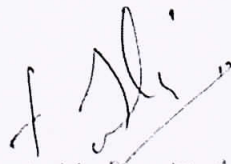
Date: 21-12-2023.

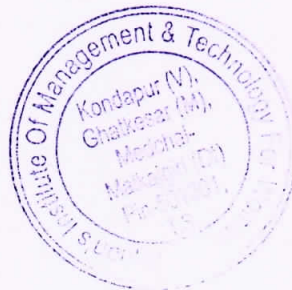
CIRCULAR

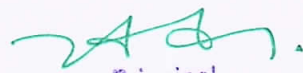
We are pleased to inform you that the department is organizing a workshop on "A Journey into Arduino and IoT Applications" for II-year students on 22nd and 23rd Dec 2023. The workshop will be coordinated by Mrs. G. Indira Priyadarshini. All the students are requested to attend the workshop and get benefited.

Copy to:

- Principal office.
- IQAC.
- Circulate to Faculty
- Circulate to Classrooms.
- Notice Board.
- Dept file.


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Department of Electronics and Communication Engineering
Vignan's Institute of Management & Technology For Women
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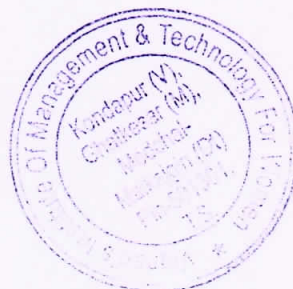

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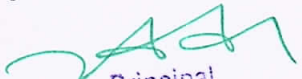
Application For Organizing A one day Workshop

S.No	Particulars	
1	Application for organizing	Workshop
2	Name of the University/Institution	Vignan's Institute of management and Technology for women
3	Level of activity (Regional/State/National/International) :	Regional
4	College/University from where the application of the seminar/conference/Workshop is forwarded (Please give complete address)	Vignan's Institute of management and Technology for women Phone no.8008366773 Email:info.vmtw@gmail.com Website:www.vmtw.in
5	Title of the Program	One day workshop on "A Journey into Arduino and IoT Applications"
6	Theme of the Program	Arduino
7	Sub-Theme of the Program.	IOT Applications
8	Details of the Faculty Coordinator	G. Indira Priyadarshini Associate Professor
9	Name of the Program Convener (PC)	Mr.P. Harikrishna HOD, ECE
10	Proposed date of the Program (provide 3 different dates)	08/12/2023 & 09/12/2023. 15/12/2023 & 16/12/2023 22/12/2023 & 23/12/2023
11	Expected total no. of participants	65

1. Brief Summary of the Proposal:

Internet of Things (IoT) is a new revolution of the Internet and a hot technology worldwide. Government, academia, and industry are involved in different aspects of research, implementation and business with IoT. IoT cuts across different application domain verticals ranging from civilian to defense sectors. These domains include agriculture, space, healthcare, manufacturing, construction, water, and mining, which are presently transitioning their legacy infrastructure to support IoT. A device become a smart device is called IOT. Now a days there are many android and server based application. In this system, value of sensor (e.g. temperature sensor, motion sensor, accelerometer sensor etc.) will be shown on GUI or web server or android application through wireless communication and device will be controlled automatically. Device will be operated on Wi-Fi / GPRS.




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2.Objectives of the Program:

The workshop has been designed with the following objective:

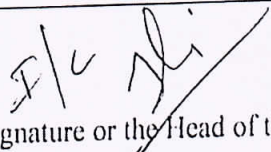
- Provide introduction to Internet of Things (IoT)
- Exposure to various sub-fields and technology stacks of IoT
- Enable people to convert their IoT product idea into a working prototype
- Provide thorough working knowledge of the Arduino Platform
- Bring-up entrepreneurs and innovators by supporting them with investment and mentorship

3.Programme Details: Provide Activity Schedule as below:

Date	Time	Activity(Session wise Lecture)	Venue	Infrastructure	
				Requirements	Availability
22/12/2023	9.15 AM	Inauguration	HALL B-210		
22/12/2023	9.45 AM to 12.30 PM	1. Introduction to Embedded System 2. Introduction to Arduino	HALL B-210	Smart board with Internet	Yes
22/12/2023	2.00 PM to 3.15 PM	3. Introduction to Pin Description 4. Explain Program environmental set up	HALL B-201	Smart board with Internet	Yes
23/12/2023	9.15 AM to 12.30 PM	5. Explain Online Simulation tool for Arduino	HALL B-201	Smart board with Internet	Yes
23/12/2023	2.00 PM to 3.00 PM	6. Examples with Connection and coding part	HALL B-201	Smart board with Internet	Yes
23/12/2023	3.10 PM to 3.40 PM	Valedictory	HALL B-201		

4.Resource Persons:

S.No.	Name	Designation	Organization	Activity (Keynote Address/Chairing Person/Speaker/Advisor)
1	Mr. G. Ganesh Reddy	Assistant Professor	VMTW, Hyderabad	Speaker


Signature of the Head of the Department

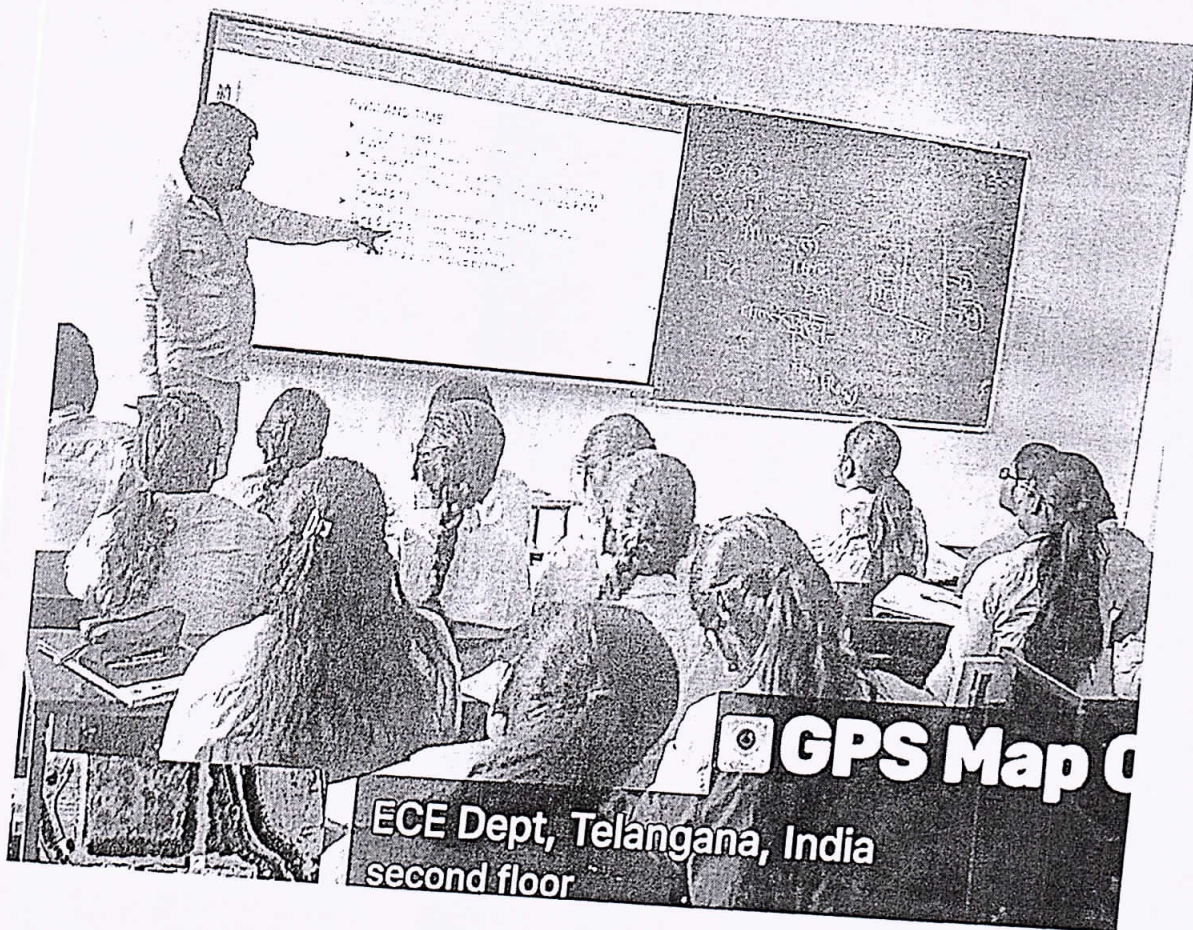
Date: 01.12.2023

Place: Ghatkesar, Hyderabad.



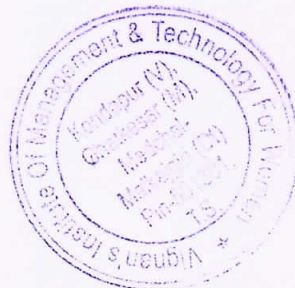
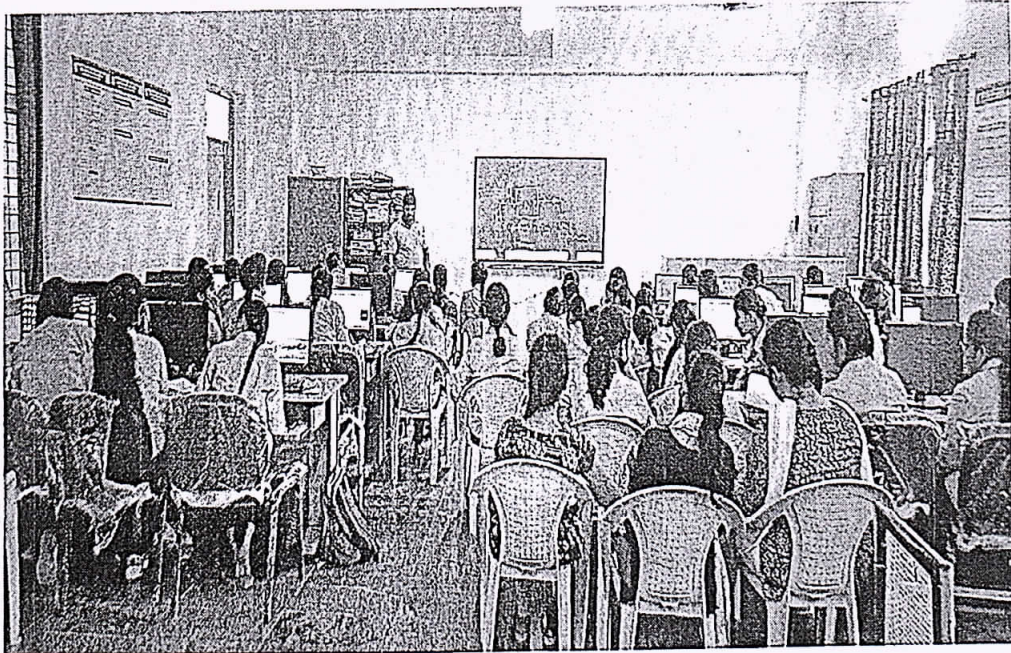
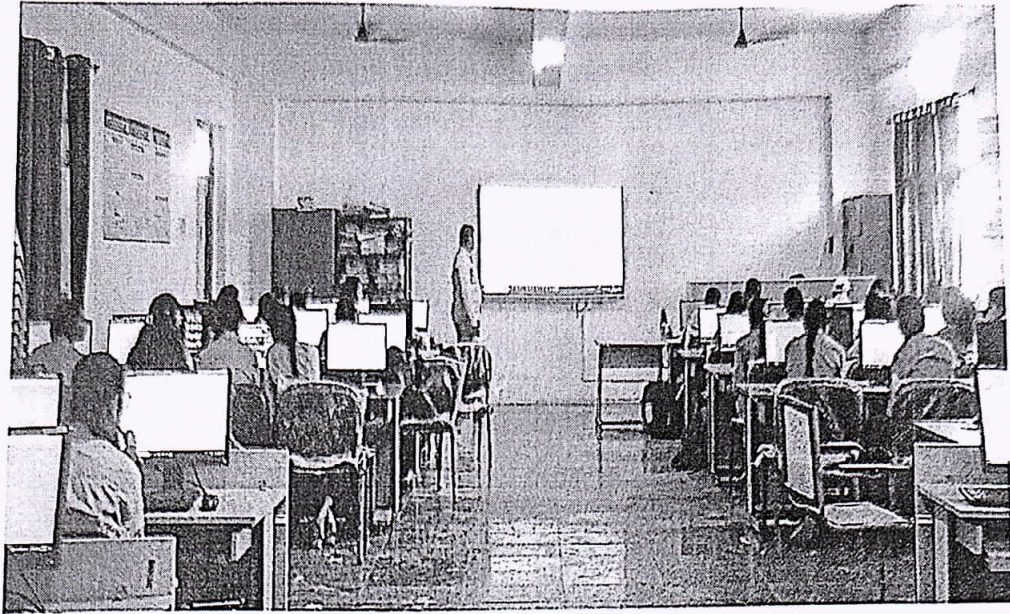
Head of the Department
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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (R), Telangana State

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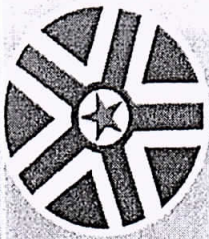
V. Anu

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Telangana State



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Telangana State



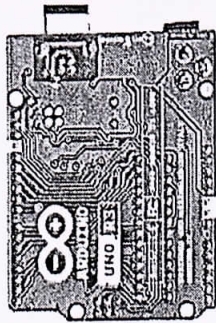
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ICSE & ECE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



IS ORGANISING

A TWO DAY WORKSHOP

ON

A JOURNEY INTO ARDUINO & IOT APPLICATIONS

ON 22ND & 23RD DECEMBER, 2023

Speaker

Mr. G. Ganesh Reddy,
Assistant Professor, ECE, VMTW.

Co-Ordinator: Ms. G. Indira Priyadarshini, Associate Professor, ECE



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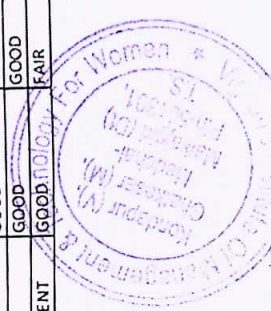
II YEAR I SEM

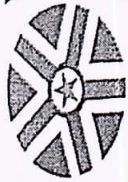
A TWO DAY WORKSHOP ON "A Journey into Arduino and IoT Applications"
22nd and 23rd December 2023

Timestamp	1. The information, material and/or skills presented were relevant and useful.	2. The presenter(s) provided adequate time for questions and answered them satisfactorily.	3. The presenter(s) modeled student centered learning strategies and techniques.	4. The session increased my knowledge and skills.	5. The presenter(s) suggested ways to follow-up the training	6. How would you rate this Session?	7. Areas/Topics about which you would like to receive further training.	8. ANY OTHER SUGGESTION
2023/12/28 8:18:2	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	We need some more sessions
2023/12/28 8:18:2	EXCELLENT	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	GOOD	No suggestions
2023/12/28 8:19:2	VERY GOOD	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	Every thing is clear
2023/12/28 8:20:1	GOOD	GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	GOOD	No
2023/12/28 8:20:2	GOOD	VERY GOOD	GOOD	GOOD	GOOD	VERY GOOD	VERY GOOD	No
2023/12/28 8:20:3	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	Expecting such workshops in future
2023/12/28 8:21:1	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	Provided Valuable information
2023/12/28 8:21:5	EXCELLENT	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	Nothing
2023/12/28 8:25:1	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	Thank you
2023/12/28 8:27:3	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Nothing
2023/12/28 8:29:0	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	GOOD	VERY GOOD	VERY GOOD	No more suggestion
2023/12/28 8:29:2	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	-
2023/12/28 8:29:2	EXCELLENT	GOOD	GOOD	EXCELLENT	VERY GOOD	VERY GOOD	VERY GOOD	We need this type of workshops knowledge than any class
2023/12/28 8:29:3	EXCELLENT	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	Its very useful and we need more sessions like these
2023/12/28 8:29:4	EXCELLENT	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	It's an useful workshop. I have learnt a lot of new things
2023/12/28 8:30:2	GOOD	FAIR	FAIR	GOOD	FAIR	FAIR	GOOD	No suggestions
2023/12/28 8:31:0	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	Session was good and expecting more sessions like this
2023/12/28 8:31:4	GOOD	FAIR	GOOD	FAIR	FAIR	GOOD	GOOD	No
2023/12/28 8:32:5	EXCELLENT	GOOD	GOOD	VERY GOOD	GOOD	EXCELLENT	GOOD	No
2023/12/28 8:33:0	EXCELLENT	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	Need still more workshops and projects
2023/12/28 8:33:3	GOOD	GOOD	GOOD	VERY GOOD	GOOD	GOOD	VERY GOOD	We need more sessions
2023/12/28 8:33:3	VERY GOOD	GOOD	GOOD	GOOD	GOOD	VERY GOOD	VERY GOOD	Nice experience
2023/12/28 8:34:0	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	Need to conduct more workshops like this which are very informative and useful
2023/12/28 8:34:3	GOOD	FAIR	GOOD	FAIR	VERY GOOD	GOOD	VERY GOOD	No
2023/12/28 8:35:5	VERY GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	No
2023/12/28 8:36:4	VERY GOOD	GOOD	VERY GOOD	GOOD	GOOD	VERY GOOD	VERY GOOD	We want other work shop
2023/12/28 8:39:4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	Good
2023/12/28 8:41:3	EXCELLENT	GOOD	VERY GOOD	EXCELLENT	EXCELLENT	GOOD	FAIR	No suggestions

[Handwritten Signature]
Principal

Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D),
Telangana State





VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Sponsored by Lavu Educational Society, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.
Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 Phone: +91 96529 10002/3



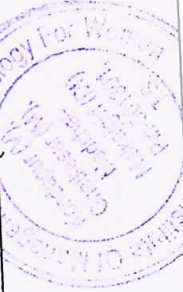
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING II YEAR I SEM

A TWO DAY WORKSHOP ON "A Journey into Arduino and IoT Applications"
22nd and 23rd December 2023


SL No.	Hall Ticket No	Name	22-12-2023(FN)	22-12-2023(AN)	23-12-2023(FN)	23-12-2023(AN)
1	22UP1A0401	Adepu Sushritha	A. Sushritha	A. Sushritha	-	-
2	22UP1A0402	Anumalla Sharanya				
3	22UP1A0403	Arrabolu Manisha	A. Manisha	A. Manisha	A. Manisha	A. Manisha
4	22UP1A0404	Bangar Meghana	B. Meghana	B. Meghana	-	-
5	22UP1A0405	Banoth Swathi				
6	22UP1A0406	Bellamkonda Shirisha	B. Shirisha	B. Shirisha	B. Shirisha	B. Shirisha
7	22UP1A0407	Bhavani Bollayoina	Bhavani	Bhavani	Bhavani	Bhavani
8	22UP1A0408	Bhirudhoju Vasavi	B. Vasavi	B. Vasavi	B. Vasavi	B. Vasavi
9	22UP1A0409	Bonala Sohini	B. Sohini	B. Sohini	B. Sohini	B. Sohini
10	22UP1A0410	Borra Meghana	B. Meghana	B. Meghana		
11	22UP1A0411	Bugadapu Harini				
12	22UP1A0412	Bugga Ananya	B. Ananya	B. Ananya	B. Ananya	B. Ananya
13	22UP1A0413	Burra Deepa	B. Deepa	B. Deepa	B. Deepa	B. Deepa
14	22UP1A0414	Cheripalli Bhavana	Ch. Bhavana	Ch. Bhavana	Ch. Bhavana	Ch. Bhavana
15	22UP1A0415	Chiluka Kavya				
16	22UP1A0416	Chilukuri Harika Reddy	Ch. Harika	Ch. Harika	Ch. Harika	Ch. Harika
17	22UP1A0417	Chinthala Sri Navya	Navya	Navya	Navya	Navya
18	22UP1A0418	Enugula Manasa				
19	22UP1A0419	Gaddam Dharani	G. Dharani	G. Dharani	G. Dharani	G. Dharani
20	22UP1A0420	Gande Nikhitha				
21	22UP1A0421	Goddenla Vennela				
22	22UP1A0422	Godige Pranitha	G. Pranitha	G. Pranitha	G. Pranitha	G. Pranitha
23	22UP1A0423	Gummadeela Kaveri	G. Kaveri	G. Kaveri	G. Kaveri	G. Kaveri

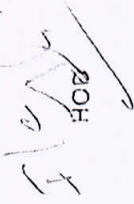
Principal

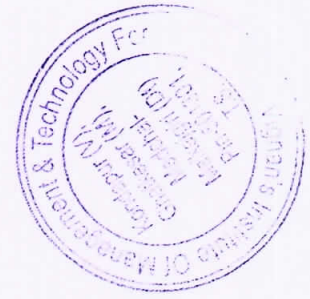
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D),
Telangana State

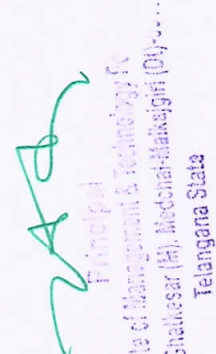


59	23UP5A0402	Arshapally Neethusri	A. Neethusri	A. Meghitha	
60	23UP5A0403	Bedarakota Sree harshitha	Harshitha	Harshitha	
61	23UP5A0404	Belide Laxmi Prasanna			
62	23UP5A0405	Chittipalla Swapna	C. Swapna	C. Swapna	C. Swapna
63	23UP5A0406	Dk Srinidhi	Dk. Srinidhi	Dk. Srinidhi	Dk. Srinidhi
64	23UP5A0407	Dundra Nageshwari	D. Nageshwari	D. Nageshwari	
65	23UP5A0408	Karedla Srija	K. Srija	K. Srija	K. Srija
66	23UP5A0409	Kavali Sowmya			K. Sowmya
67	23UP5A0410	Martha Pallavi	M. Pallavi	M. Pallavi	
68	23UP5A0411	Uppala Likitha	U. Likitha	U. Likitha	U. Likitha


Coordinator


HOD




Principal
Vignana's Institute of Management & Technology For
Women, Hyderabad
Kandapur (V), Ghatkesar (H), Medchal-Malkajgiri (D), ...
Telangana State



Armtronics
Dedicated to Electronics

MEMORANDUM OF UNDERSTANDING

This Deed of MOU is made and executed on 2nd of October 2023 at by and between:

ARMTRONICS & Vignan's Institute of Management and Technology for Women.

ARMTRONICS, office at, 2nd Floor, Eureka Court, Near Image Hospital, Ameerpet, Hyderabad, Telangana-500073; represented by Mr. Arjun Modi in the capacity as Senior Technical Associate, having the power to act on behalf of the company, herein after referred to as the **FIRST PARTY**.

Vignan's Institute of Management and Technology for Women, Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D), Telangana 501301 as the **SECOND PARTY**.

WHEREAS both the above parties have come to an understanding, and agreed the Terms and conditions orally, now they feel it desirable to reduce the same into writing to avoid any probable complications in future.

NOW THIS MOU WITNESSES AS FOLLOWS

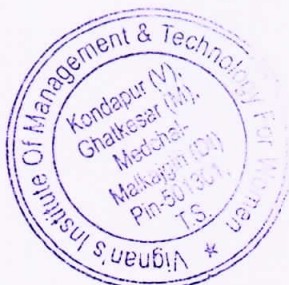
- 1) Exchanging of expertise by means of Training programmes ,Guest Lectures, Workshops and other events for the benefit of faculty and students.
- 2) Permitting practical training to students.

Note:

1. All the above modes will be decided up on mutual consent based on Availability , work Schedule , and Manpower of the company.
2. There is no financial obligation in this agreement .



www.armtroniclabs.com



Second Party

(Vignan's Institute of Management and Technology for Women)

Principal
Principal
Vignan's Institute of Management & Technology for Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D), Telangana State
All Rights Reserved



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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is executed on **Day, 23/10/2023**

Between

Electronics and Communication Engineering Department of **Vignan's Institute of Management and Technology for women**, an Engineering College run by Lavu Educational Society, Guntur (hereinafter referred to as "**Vignan's Institute of Management and Technology for women**", which expression shall, unless repugnant to the context or meaning thereof, include its successors, legal representatives and permitted assignees) on FIRST PART.

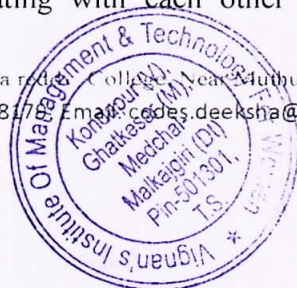
And


Deeksha Technologies, a Company duly organized and existing under the laws of India having its registered office at Near Muthukur Bus Stand, Opposite Chandrareddy Collage, Pin Code-524003, Nellore (hereafter referred to as "**Deeksha Technologies**", which expression shall unless repugnant to the context or meaning thereof, include its successors, legal representative and permitted assignees) on SECOND PART

AND WHEREAS, "**Vignan's Institute of Management and Technology for women**" is among the noteworthy academic institutes of Kondapur offering UG program in Electronics and Communication Engineering, and Computer Engineering.

AND WHEREAS, **Deeksha Technologies**, is a registered company, engaged in Near Muthukur Bus Stand, Opposite Chandrareddy Collage, Pin Code-524003, Nellore AND WHERE both "**Vignan's Institute of Management and Technology for women**" and **Deeksha Technologies** are desirous of associating with each other to expertise students of **Vignan's**

Reg No. 250/2017 Address: Opp Chandra reddy Collage, Near Muthukur Bus stand, Nellore. Phone 074163 89674, 8919898178 Email: codes.deeksha@gmail.com




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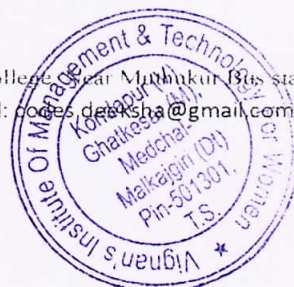
Institute of Management and Technology for women on Embedded System and VLSI Design also help in conducting Technical Trainings, Expert Projects and Workshops as an addition to **Vignan's Institute of Management and Technology for women** curriculum in co-ordination with Vignan's Institute of Management and Technology for women Faculties & HoD.

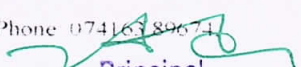
Now therefore, in consideration of the premises and the actual covenants herein contained, it is agreed by both **Vignan's Institute of Management and Technology for women** and **Deeksha Technologies** as under.

1. Definitions and Interpretation

- 1.1 "MOU" shall mean this Memorandum of Understanding executed between **Vignan's Institute of Management and Technology for women** and **Deeksha Technologies** on **23-10-2023**
- 1.2 "Party" or "Parties" shall mean **Vignan's Institute of Management and Technology for women** and **Deeksha Technologies** individually and collectively as the context may require.
- 1.3 The headings/subheadings/titles sub-titles are only for the sake of convenience and shall not be interpreted to restrict or otherwise affect the meaning or import of the clauses, which shall be interpreted solely in light of the contents thereof.
- 1.4 Use of words in the singular includes the plural and vice versa and the masculine gender includes the feminine where applicable.
- 1.5 Where a word or phrase is defined, other parts of speech and grammatical forms of that word or phrase shall have the corresponding meanings. Any reference to 'Writing' includes printing, typing, lithography and other means of reproducing words in visible form.

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8919898179; Email: deeksha@gmail.com




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Telangana State



2. Responsibility Structure

- 2.1 **Vignan's Institute of Management and Technology for women** shall provide the infrastructure of systems, LCD projector etc. for the Expert Lectures. Also, the labs and other research equipment are available in the lab.
- 2.2 **Deeksha Technologies** shall be responsible for arrangements & co- ordination for supply of Industry Expertise, Design training program, Process of necessary Appointments with Industries for Industry Internship Program, Projects as well as Visits in co-ordination with staff & HoD Electronics Department of Vignan's Institute of Management and Technology for women.
- 2.3 **Vignan's Institute of Management and Technology for women** shall create awareness amongst its students for promotion of the activity especially Internship Program.

3. Relationship

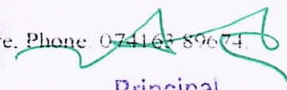
This MOU relates solely to the intention of the parties, wherein **Vignan's Institute of Management and Technology for women** and **Deeksha Technologies** jointly work together and shall not extend to any other activity or create a partnership between the Parties hereto and under any law of any country. The parties agree that it is not their intention to share any loss or profit between them in their respective fields, except to the extent expressly provided herein.

4. Authority to Bind

No party shall act on behalf of the other party to contractually bind the other Party under the terms of this MOU having first obtained the other Party's written agreement.

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8919898179; Email: info@deeksha.com




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Telangana State



circumstances or at any time be liable to the other under or in connection with the MOU for any special or any direct or indirect loss or damage or for any consequential loss or damage, whether direct or indirect, including but without limiting the generality of the foregoing, loss of profits, loss of production, or loss of opportunities.

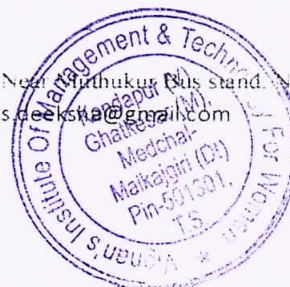
9. Severability

If any provision of this MOU or the application thereof to any person, entity or circumstance shall be invalid or unenforceable to any extent, the remainder of this MOU shall not be affected thereby, and the application of such provision shall be enforced to the greatest extent permitted by law.

10. Arbitration

10.1 All disputes, differences or claims arising out of or in relation with this MOU not limited but inclusive of as regards to rights, liabilities, damages, claims, breach or interpretation of this MOU between the Parties shall be referred to arbitration.

10.2 Any party shall give a written notice to other party of existing such dispute, difference or claim. On receipt of such notice within 15 days, the Head of Institution of **Vignan's Institute of Management and Technology for women** and Partner, **Deeksha Technologies** or any other persons so nominated by the respective Parties, shall meet together and try to resolve such dispute, difference or claim amicably. If such amicable solution does not arrive within one month, then the matter shall be referred to Arbitration.





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10.3 The place of arbitration shall be Hyderabad. The arbitration proceedings shall be conducted in English as per the rules of The Arbitration and Conciliation Act 1996 by three (3) arbitrators appointed in accordance with the said Rules. The Arbitration Decision shall be final and binding.

11. Governing Law

The agreement shall be governed by the Law of the Land.

12. Notices

12.1 Any notice and other communications provided for in the Agreement shall be in writing in English and shall be first transmitted by facsimile transmission and/or by internationally recognized courier service, in the manner as elected by the Party giving such notice:

In the case of notices to **Deeksha Technologies**.

Reg. Office Address:

Deeksha Technologies

Near Muthukur Bus Stand, Opposite Chandrareddy Collage, Pin Code-524003, Nellore.

College Address:

Vignan's Institute of Management and Technology for Women (VMTW),
Kondapur (V), Hyderabad, Medchal Dist-501301

12.2 Either Party may, from time to time, change its address or representative for receipt of notices or other communications provided for in this Agreement by giving to the other not less than 15 days prior written notice.

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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DI)-501301,
Telangana State



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5.3 **Vignan's Institute of Management and Technology for women** shall disclose **Deeksha Technologies** confidential information only to **Vignan's Institute of Management and Technology for women** employees having a legitimate reason to know the same and shall inform each employee receiving the confidential information of the confidential nature of the same and **Vignan's Institute of Management and Technology for women** obligations hereunder.

5.4 **Vignan's Institute of Management and Technology for women** shall secure documents, items of work in progress and work products that embody confidential information in locked files or areas providing restricted access to prevent its unauthorized disclosure. **Vignan's Institute of Management and Technology for women** shall maintain adequate procedures to prevent loss of any confidential information or confidential documents provided to it by **Deeksha Technologies**. In the event of any loss, **Vignan's Institute of Management and Technology for women** shall notify **Deeksha Technologies** immediately.

6. Termination

1 (One) Year from the date of signing of MOU, unless renewed on a mutually agreed terms and condition for a further period. During the initial term or any renewal term, either party may terminate this MOU, after mutually agreed days, with prior written notice to the other party.

7. Assignment


This MOU shall not be assigned or otherwise transferred by any Party, in whole or in part, without the express written consent of the Other Party.

8. Consequential Damages

Other than explicitly mentioned in this MOU, either Party shall not under any

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Telangana State



5. Confidential and Proprietary Information

“Confidential Information” shall mean all information, including the material and licenses or other information if any so given to **Vignan’s Institute of Management and Technology for women**, written or verbal, identified as confidential or of a nature that a reasonable person would understand as being considered confidential by **Deeksha Technologies** and disclosed by **Deeksha Technologies** to **Vignan’s Institute of Management and Technology for women** or its faculty which is related to **Deeksha Technologies** information such as course material, training data, guidance notes, procedures, methodology, etc.

5.1 **Vignan’s Institute of Management and Technology for women** shall hold in trust and confidence for **Deeksha Technologies** all confidential information provided by **Deeksha Technologies** and **Vignan’s Institute of Management and Technology for women** shall not disclose to any person or use such information for any purpose other than defined in this MOU. **Vignan’s Institute of Management and Technology for women** shall not make any copies of the confidential information other than are required for the work involved and with prior and mutual consent from **Deeksha Technologies** and shall return/destroy all such information at the termination of the contract. By disclosing this information to **Vignan’s Institute of Management and Technology for women**, **Deeksha Technologies** does not grant any expressed, implied or other license or right to **Vignan’s Institute of Management and Technology for women** to propagate the information. **Deeksha Technologies** hereby grants to **Vignan’s Institute of Management and Technology for women** an academic, non-exclusive, non-transferable right and license solely for the purpose of providing practical training to the **Vignan’s Institute of Management and Technology for women** students.

5.2 **Vignan’s Institute of Management and Technology for women** shall not disclose **Deeksha Technologies** confidential information without first obtaining written consent from **Deeksha Technologies**





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13. Entire understanding

This MOU expresses the whole agreement reached between the Parties. Consequently, this Agreement supersedes any previous letter or document of whatsoever nature exchanged between the Parties with respect to this Agreement.

14. Waiver

The waivers by one Party hereto of any default hereunder or of any covenant, agreement or condition contained herein shall not be construed to constitute a waiver of any other default or breach hereof whether similar or otherwise.

15. Amendment

No amendment to this MOU shall be valid and binding to the Parties unless it is made in writing and signed by an authorized representative of all Parties to this Agreement.

In witness where of the Parties have caused this Agreement to be executed by their duly authorized representatives on this 23rd Day of October 2023.

For Deeksha Educational Society


Managing Director

For Deeksha Technologies

Name : Mr. P Hari Prasad
Designation : Managing Director

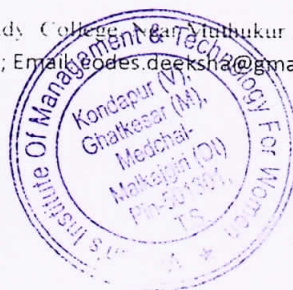



For Vignan's Institute of Management and Technology for women

Name : Dr. G. Apparao Naidu
Designation : Principal

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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)-Dist:-
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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D)-Dist:-
Telangana State



ELEGANT
EMBEDDED SOLUTIONS

✉ info@elegantembedded.com
www.elegantembedded.com
☎ +91-40-23711541, 9396671541

Memorandum of Understanding

Between

Vignan's Institute of Management and Technology for Women,
Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(D), Telangana, India-
501301.

And

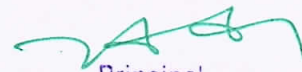
ELEGANT EMBEDDED SOLUTIONS Pvt Ltd,

With its
Registered office IDA Phase-2,
Cherlapally, Hyderabad, Telangana.

- Hereinafter referred to as "Elegant" -

Institution and Elegant hereinafter referred to individually as "Party" or collectively as "Parties"





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NOW THEREFORE THIS MOU WITNESSETH AS FOLLOWS:

1. Objectives:

- The objective of this MOU is to combine and synergize the expertise of **Elegant Embedded Solutions Pvt Ltd** and **Institution**.
- Both the parties shall commit the necessary resources in pursuance of the objectives and formulate necessary action plan to fulfil the objectives.
- Both the parties undertake to work with each other in a seamless and transparent manner in the spirit of mutuality and partnership.

2. Areas of Cooperation:

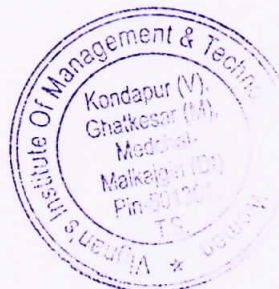
This MOU addresses mutual cooperation in the following areas:

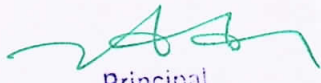
2.1 Scope of work for Institute:

- Allowing Students & faculties for trainings, Workshops, Technical Seminars & Industrial Visits.
- Development of products with the support of the company
- Human Resources for Technical and Non-Technical Activities
- Providing infrastructure facilities for the development of product assigned by the company.
- Providing Consultancy through Subject Experts for Required Project Needs from Company
- Deputing one ECE department faculty as a coordinator for supporting Industry.

2.2 Scope of work for Elegant Embedded Solutions Pvt Ltd

- Collaboratively Participating State/Central and Global Funding Agencies.
- Conducting Regular Training/Internship/Academic Projects to the Students and Faculties.
- Industry Experts involvement towards Curriculum Development and Deputing Industrial Experts to Board of Studies Activities.




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Memorandum of Understanding

This MOU being signed between **ELEGANT EMBEDDED SOLUTIONS Pvt Ltd**, having its registered office at, #Plot no 7,3rd floor, Surana circle, IDA phase 2, Cherlapally, Hyderabad, Telangana 500051, OF THE ONE PART and, **Vignan's Institute of Management and Technology for Women**, an educational institution situated at its registered office at **Vignan's Institute of Management and Technology for Women, Kondapur(V), Ghatkesar(M), Medchal-Malkajgiri(D), Telangana, India-501301** OF THE OTHER PART, with a mutual desire to cooperate on bringing Industry-Institute interface by providing activities which are in line with the strengths and aspirations of both the organizations. The expressions "Elegant" and "Institution" shall, wherever the context admits, mean and include their respective successors in interest and permitted assigns. This MOU is executed at Institution on **(06-11-2023)**.

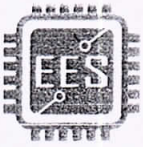
WHEREAS

- Elegant Embedded Solutions Pvt. Ltd is a next-generation technology company that helps enterprises; start-ups reimagine their businesses for the digitally connected age with best-in-class products, End to End Solutions, and services in design of embedded systems and IoT.
- Institution is a new generation engineering college , providing world-class infrastructure, top-flight faculty, well stocked library, high pass percentage, excellent placement record, unique student projects.
- Institution and Elegant Embedded Solutions Pvt Ltd are willing to participate in an arrangement with Institution for providing industry Interface to all the students of the Institution as preferred partner.
- By this MOU Elegant Embedded Solutions Pvt Ltd and Institution come together mutually for beneficial cooperation on industry Interface as mentioned below.




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Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D),
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- Providing Consultancy Opportunities to the Domain and Subject Experts at Institutes.
- Enabling Students Involvement towards R and D Activities
- Supporting Students to begin their Entrepreneurship Journey

3. Non-Exclusivity:

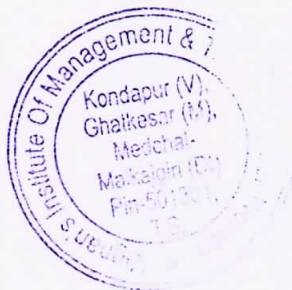
The cooperation/understanding contemplated herein is not exclusive and Elegant Embedded Solutions Pvt Ltd /Institution shall be free to enter similar arrangements with any other party also.

4. Exercising Authority:

Both Elegant Embedded Solutions Pvt Ltd and Institution will nominate and inform to each other names of two specific representatives to act as the exercising authorities, for operating the various provisions of this MOU on behalf of their respective organizations. All formal communications will be exchanged Only through these nominated representatives. (If necessary, only)

5. Validity of this MOU

This MOU shall be valid for a period of **1 year** (One Year) initially from the date of signing, after which it can be renewed by mutual agreement between the parties. **Either party during its currency can also terminate this MOU by giving a notice of one month on the other.** On termination, each party shall return to the other party all such documents and reference material as may have been borrowed for the purpose of fulfilling the work under this MOU. This MOU shall also stand terminated if a court of competent jurisdiction declares either of the parties as insolvent. Any termination as per this clause shall not affect the antecedent liabilities of the parties prior to the termination including completion of all assignments that have been agreed prior to such termination.



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6. Notices:

All notices and communications concerning this MOU shall be sent to the respective addresses of the parties as below

In the case of **Elegant Embedded Solutions Pvt Ltd**, Plot no 7,3rd floor, surana circle, IDA phase 2, Cherlapalli, Hyderabad, Telangana 500051

In the case of **Vignan's Institute of Management and Technology for Women, Kondapur (v), Ghatkesar(M),Medchal-Malkajgiri(Dist).**

7. Amendments:

Any amendments to this MOU shall be in writing and signed by both the parties.

8. Ownerships:

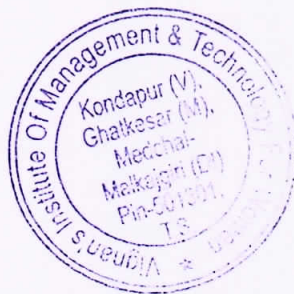
Intellectual property rights, titles or ownership of any products, proprietary information or technology will not be transferred from one company to another on account of use of the same as part of any work under this MOU and shall always remain with the original owner of the same.


9. Costs:

Institution shall bear their respective costs arising out of the imparted Industry Interface programs under this MOU.

10. Detailed agreement:

The parties will enter into a detailed agreement for each module materialised under this MOU. The detailed agreement shall outline roles and responsibilities, liabilities to customers and define primary and secondary responsibilities for each assignment to be executed. The detailed agreement shall not override the MOU but define a commercial and contractual framework for work execution.




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11. Resolution of Disputes:

11.1 If any dispute arises in connection with this agreement, the responsible representatives of the Parties shall attempt, in fair dealing and in good faith, to settle such dispute. Each Party can request from the other Parties that on all sides a senior representative becomes involved in the negotiations. If the Parties are not able to reach an amicable settlement, each Party may initiate an arbitration proceeding.

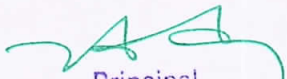
11.2 Any dispute or difference or claim arising out of or in relation to this transaction including construction, validity performance or breach thereof shall, shall be referred to and finally resolved by arbitrator under Arbitration and Conciliation Act of 1996 and any subsequent amendments thereof for time being in force. The number of Arbitrator shall be one. If the Parties cannot mutually agree on arbitrator within 4 weeks, then Institution and Elegant Embedded Solutions Pvt Ltd shall appoint a sole arbitrator. The seat of arbitration shall be Coimbatore. The language to be used in the arbitration proceedings shall be English.

12. Commitments:

Institution / Elegant Embedded Solutions Pvt Ltd shall make commitments or bind Institution / Elegant Embedded Solutions Pvt Ltd in any manner with any customer only with prior written consent from Institution / Elegant Embedded Solutions Pvt Ltd. This MOU does not create a joint venture, agency, partnership or other business arrangement, and any agreement between the parties as to business activities will be set forth in subsequent written agreements.

Therefore this MOU cannot be used as a right to represent either party on behalf of the other, in any business promotion or canvassing activities, unless so authorized in writing




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Telangana State



13. Force Majeure:

Neither Elegant Embedded Solutions Pvt Ltd nor Institution shall be liable for non-performance of any or all their obligations under this MOU due to reasons of "Force Majeure "and / or reasons beyond their reasonable control. If the performance as specified in this proposal is prevented, restricted, delayed or interfered by reason of:

- Fire, explosion, cyclone, floods.
- War, revolution acts or public enemies, locate or embargo.
- Any law, order, proclamation, ordinance, demand or requirements of
- Any Government or authority or representative of any such Government including restrictive trade practices or regulations.
- Strikes, shutdowns or labour disputes which are not instigated for the purpose of avoiding obligations herein or any other circumstances beyond control.

The same shall not constitute a breach of the agreement and the time for performance for such provision, if any, shall be deemed to be extended for a period equal to the duration of condition preventing performance. In Case the Force - Majeure conditions prevails and / or is likely to prevail for a period beyond one month both the parties will decide the project progress & future actions mutually.

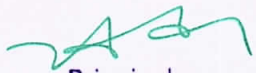
14. Governing Law:

This MOU shall be governed by the laws of Republic of India

15. Integration:

This MOU contains the entire understanding between the parties and supersedes any prior written or oral agreements between them.




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Telangana State



16. Waiver

No failure or delay on the part of either party in the exercise of any right or privilege hereunder shall operate as a waiver thereof or of the exercise of any other right or privilege hereunder, nor shall any single or partial exercise of any such right or privilege preclude other or further exercise thereof of any other right of privilege.

17. Severability


If any provision of the MOU is held to be ineffective, unenforceable or illegal for any reason, such decision shall not affect the validity or enforceability of any or all the remaining portions thereof.

18. Non-solicitation

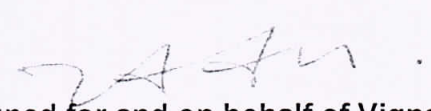
During the terms of this and for one year after its expiry or termination, neither party shall, without the prior written consent of the other party, canvass or solicit for direct or indirect employment of any employee (involved with work of this MOU) of each other or proceed with any application by or on behalf of that employee for direct or indirect employment. Neither party shall procure any third party to do any of the aforesaid acts.

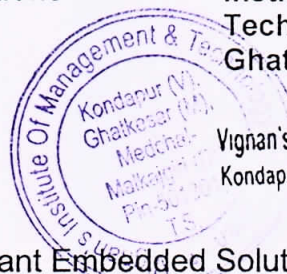
IN WITNESS WHEREOF THE PARTIES HEREIN HAVE HEREUNTO SET THEIR RESPECTIVE HANDS AND SEAL, THE DAY, MONTH AND YEAR FIRST HEREIN ABOVE MENTIONED.

For Elegant Embedded Solutions Pvt. Ltd.

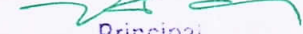
 Director

Signed for and on behalf of
Elegant Embedded Solutions
Cherlapally, Hyderabad,
Telangana 500051.


Signed for and on behalf of Vignan's
Institute of Management and
Technology for Women
Ghatkesar



Principal
Vignan's Institute of Management & Techno-
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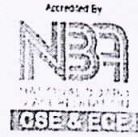

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Elegant Embedded Solutions Pvt. Ltd.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

VMTW/ECE/WS/CIR/2023-24/1/01

Date: 14-11-2023.

CIRCULAR

We are pleased to inform you that the department is organizing a workshop on "PCB DESIGN AND FABRICATION" for II-year students on 17th and 18th Nov 2023. The workshop will be coordinated by Mrs. G. Indira Priyadarshini. All the students are requested to attend the workshop and get benefited.

Copy to:

Principal office.

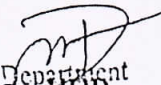
IQAC.

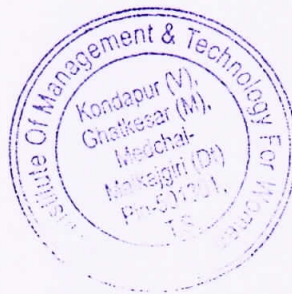
Circulate to Faculty


Circulate to Classrooms.

Notice Board.

Dept file.


Head of the Department
HOD
Electronics and Communication Engineering
Vignan's Institute of Management & Technology
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (D) - 501301

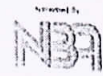



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WOMEN EMPOWERMENT

DEPARTMENT ELECTRONICS AND COMMUNICATION ENGINEERING

14-11-2023

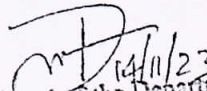
NOTE

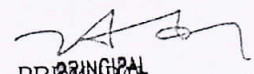
In order to give depth practical knowledge to the students, The department is proposed to conduct a workshop on "PCB DESIGN AND FABRICATIONS" for II-year ECE students on 17th & 18th NOV 2023.

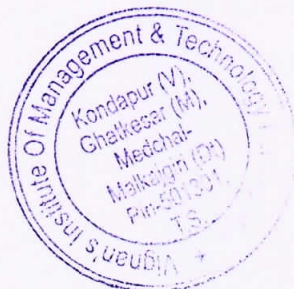
Speaker: Mr. Arjun Modi


Co-Ordinator: Mrs. G. Indira Priyadarshini

Submitted for Approval


14/11/23
HOD, ECE
Electronics and Communication Engineering
Vignans Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301


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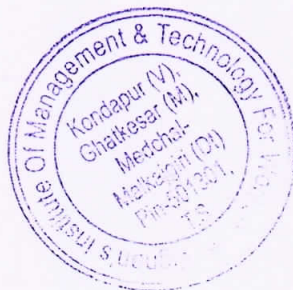

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Telangana State

Application For Organizing
A one day Workshop

S.No	Particulars	
1	Application for organizing	Workshop
2	Name of the University/Institution	Vignan's Institute of management and Technology for women
3	Level of activity (Regional/State/National/International) :	Regional
4	College/University from where the application of the seminar/conference/Workshop is forwarded (Please give complete address)	Vignan's Institute of management and Technology for women Phone no.8008366773 Email:info.vmtw@gmail.com Website:www.vmtw.in
5	Title of the Program	One day workshop on "PCB Design and Fabrications"
6	Theme of the Program	PCB design
7	Sub-Theme of the Program.	Fabrication
8	Details of the Faculty Coordinator	G. Indira Priyadarshini Associate Professor
9	Name of the Program Convener (PC)	Mr.P. Harikrishna HOD, ECE
10	Proposed date of the Program (provide 3 different dates)	03/11/2023 & 03/11/2023, 10/11/2023 & 11/11/2023 17/11/2023 & 18/11/2023
11	Expected total no. of participants	40

1. Brief Summary of the Proposal:

Electronic devices saturate the modern world. Whether it is a device that silently monitors vitals or a smartphone with an endless stream of notifications, all contain a PCB circuit board at the heart of their design. Over the years, printed circuit board manufacturing has continued to grow to keep up with the increasing demands of newer, faster, and more complex electronic circuitry. Discussions on the processes involved in devising and designing a PCB circuit board could fill a library, but here we will provide a surface-level introduction to the basics.





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A printed circuit board is a rigid structure that contains electrical circuitry made up of embedded metal surfaces called traces and larger areas of metal called planes. Components are soldered to the board onto metal pads, which are connected to the board circuitry. This allows components to be interconnected. A board can be composed of one, two, or multiple layers of circuitry.

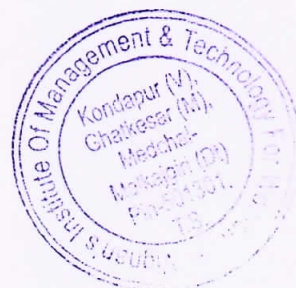
Circuit boards are built with a dielectric core material with poor electrical conducting properties to ensure pure circuitry transmission and interspaced with extra layers of metal and dielectric as needed. The standard dielectric material used for circuit boards is a flame-resistant composite of woven fiberglass cloth and epoxy resin, known as FR-4, while the metal traces and planes for the circuitry are usually composed of copper.


2.Objectives of the Program:

- Know the need for PCB Design, steps involved in PCB Design and Fabrication Process.
- Design a schematic/layout PCB for analog circuits, digital circuits and mixed circuits
- Design an integral part of electronic products by understanding the PCB design.
- Design an electronic printed circuit board for a specific application using industry standard software.

3.Programme Details: Provide Activity Schedule as below:

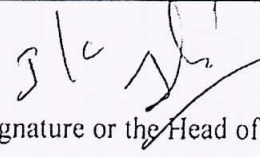
Date	Time	Activity(Session wise Lecture)	Venue	Infrastructure	
				Requirements	Availability
17/11/2023	9.15 AM	Inauguration	HALL B-201		
17/11/2023	9.45 AM to 12.30 PM	Introduction to Basic Electronics	HALL B-201	Smart board with Internet	Yes
17/11/2023	2.00 PM to 3.15 PM	PCB Designing	HALL B-201	Smart board with Internet	Yes
18/11/2023	9.15 AM to 12.30 PM	PCB Etching & Drilling	HALL B-202	Black board	Yes
18/11/2023	2.00 PM to 3.00 PM	Testing	HALL B-202	Black board	Yes
18/11/2023	3.10 PM to 3.40 PM	Valedictory	HALL B-201		




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Telangana State

4.Resource Persons expected :

S.No.	Name	Designation	Organization	Activity(Keynote Address/Chairing Person/Speaker/Advisor)
1	Mr.Arjun Modi	Director	Armtronics, Hyderabad	Speaker

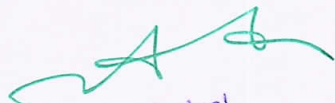


Signature of the Head of the Department

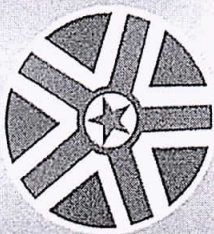
Date: 01.11.2023

Place: Ghatkesar, Hyderabad.

Head of the Department
Electronics and Communication Engineering
Vignn's Institute of Management & Technology For Women
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IS ORGANISING

A TWO DAY WORKSHOP

ON

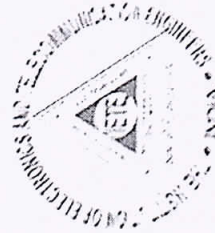
PCB DESIGN & FABRICATION

ON 17TH & 18TH NOVEMBER, 2023

Speaker

Mr. Arjun Modi

Sr. Technical Engineer, Armtronics Lab.



In association with



Armtronics

Advancing the Frontiers

Co-Ordinator: Ms. G. Indira Priyadarshini, Associate Professor, ECE



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FEEDBACK ON TWO DAY WORKSHOP ON "Circuit Craft: A Journey to IOT applications using Arduino" ON 20TH & 21ST 2023

Timestamp	1. The information, material and/or skills presented were relevant and useful.	2. The presenter(s) provided adequate time for questions and answered them satisfactorily.	3. The presenter(s) modeled student centered learning strategies and techniques.	4. The session increased my knowledge and skills.	5. The presenter(s) suggested ways to follow-up the training	6. How would you rate this Session?	7. Areas/Topics about which you would like to receive further training.	8. ANY OTHER SUGGESTION
2023/11/20 6:20:56 PM GMT+5:30	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	GOOD	VERY GOOD	GOOD	No
2023/11/20 6:21:30 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	We need more workshops further.
2023/11/20 6:21:31 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Nothing
2023/11/20 6:22:01 PM GMT+5:30	EXCELLENT	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	Nothing
2023/11/20 6:22:09 PM GMT+5:30	GOOD	GOOD	GOOD	VERY GOOD	VERY GOOD	GOOD	FAIR	Nothing
2023/11/20 6:22:45 PM GMT+5:30	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	Need still more workshops like this
2023/11/20 6:23:47 PM GMT+5:30	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD	We want more sessions
2023/11/20 6:23:50 PM GMT+5:30	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Expecting more sessions like this
2023/11/20 6:24:01 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Expecting more workshops like this
2023/11/20 6:24:11 PM GMT+5:30	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	I wish you should do many more workshops like this.
2023/11/20 6:25:47 PM GMT+5:30	GOOD	GOOD	GOOD	VERY GOOD	GOOD	GOOD	VERY GOOD	No
2023/11/20 6:27:01 PM GMT+5:30	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	VERY GOOD	Nothing
2023/11/20 6:28:14 PM GMT+5:30	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	No. The workshop was really informative and interesting.
2023/11/20 6:28:47 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Nice
2023/11/20 6:32:44 PM GMT+5:30	GOOD	GOOD	VERY GOOD	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	Useful for further time
2023/11/20 6:32:44 PM GMT+5:30	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	Thankyou for putting in extra efforts to make the session workshop.
2023/11/20 7:01:20 PM GMT+5:30	EXCELLENT	GOOD	GOOD	EXCELLENT	GOOD	VERY GOOD	VERY GOOD	Nothing
2023/11/20 7:02:11 PM GMT+5:30	GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	Expecting more workshops
2023/11/20 7:02:50 PM GMT+5:30	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	Good
2023/11/20 7:08:13 PM GMT+5:30	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	We need more workshops like these
2023/11/20 7:17:58 PM GMT+5:30	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	Workshop could provide students with materials for more practice of a min project.
2023/11/20 7:18:59 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	It was ver informative
2023/11/20 7:19:08 PM GMT+5:30	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	It is very gudful for us
2023/11/20 7:19:14 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Nice
2023/11/20 7:20:40 PM GMT+5:30	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Nothing
2023/11/20 7:21:01 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Provide us many more workshops like this!!
2023/11/20 7:30:03 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Good learning experience and i expect more sessions like the earlier
2023/11/20 7:31:36 PM GMT+5:30	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Wishing to have such excellent workshops in future
2023/11/20 7:45:21 PM GMT+5:30	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	Nothing
2023/11/20 8:08:25 PM GMT+5:30	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	GOOD	We learn so many things
2023/11/20 8:14:08 PM GMT+5:30	GOOD	GOOD	VERY GOOD	VERY GOOD	GOOD	VERY GOOD	VERY GOOD	No
2023/11/20 8:14:49 PM GMT+5:30	GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	GOOD	VERY GOOD	No
2023/11/20 8:20:21 PM GMT+5:30	EXCELLENT	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	Would like to have another session
2023/11/20 8:20:26 PM GMT+5:30	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	We are learned so much knowledge on electronics
2023/11/20 8:21:02 PM GMT+5:30	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD	Would like to have another session
2023/11/20 8:36:41 PM GMT+5:30	EXCELLENT	VERY GOOD	GOOD	EXCELLENT	GOOD	EXCELLENT	GOOD	Nothing ! Its a very good session !

Handwritten signature

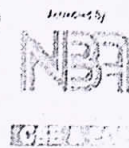


Principal
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Department of Electronics and Communication Engineering A Report on "PCB DESIGN AND FABRICATION"

Date: 20-11-2023

Department of Electronics and Communication Engineering conducted Workshop on – "PCB DESIGN AND FABRICATION", on 17th and 18th Nov 2023 for students.

Speaker: Mr. Arjun Modi, Senior Technical Consultant, GENPACT, Hyderabad. Telangana

A total of 40 members participated in the workshop. The coordinators for the workshop were Mrs. G. Indira Priyadarshini. Associate Professor.

Date & Time: The workshop was conducted on 17th and 18th Nov 2023 from 09:00 AM–3:30 PM

We would like to thank our honorable Chairman Sri Dr. L Rathaiah Garu, CEO Sri B. Shraavan, Principal Dr. A. Apparao Naidu and Mr. P. Harikrishna , HOD of ECE for their support for successful completion of workshop.

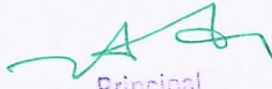
All the participants felt very happy for attending the program and most of them given excellent feedback.

To fulfil the industry goals and requirements, the Department of Electronics and Communication Engineering (ECE) in association with Armtronics labs and IETE conducted a two-day workshop on "PCB Design and Fabrication". The workshop started with an introductory and interactive talk on "PCB Design".

Firstly, the students were given brief explanation on the different stages involved in PCB designing. They were then given a hands-on training on Eagle Software, where the instructor took them step by step through Schematic creation, ERC, Netlist generation, Layout design, and DRC.

This was followed by Gerber and G-Code generation using Nvis Software which is required by the Nvis PCB Prototype Machine. The students were taught to generate Gerber and G-Codes for Milling, Engraving and Drilling, which were then imported to the PCB Prototype Machine. The students were shown how to use the Nvis PCB Prototype Machine for the PCB creation.




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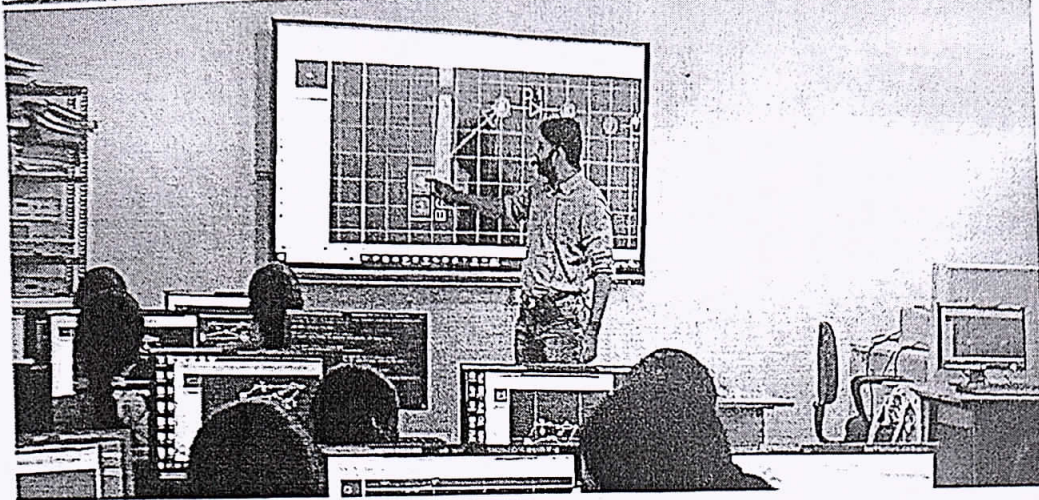
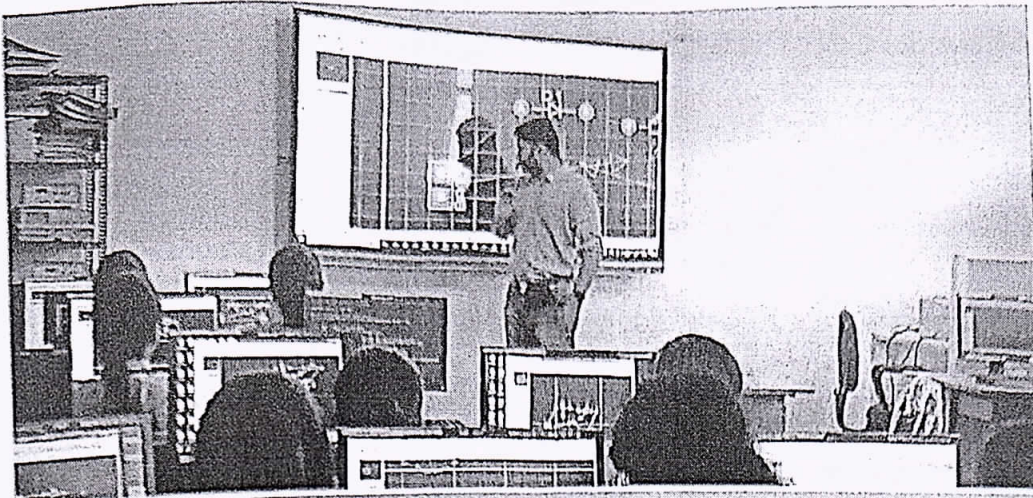
The students showed great zeal and enthusiasm in designing the PCB and the satisfaction and joy to see the final PCB was overwhelming. The workshop was a fruitful and a very successful event.

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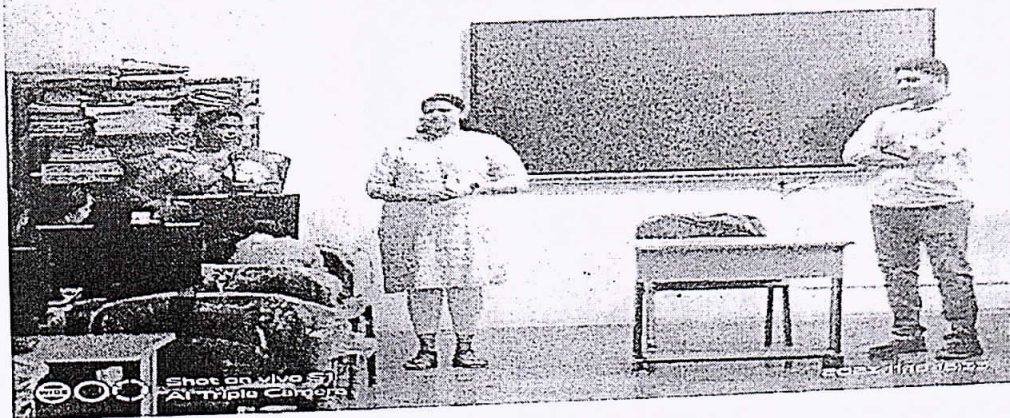
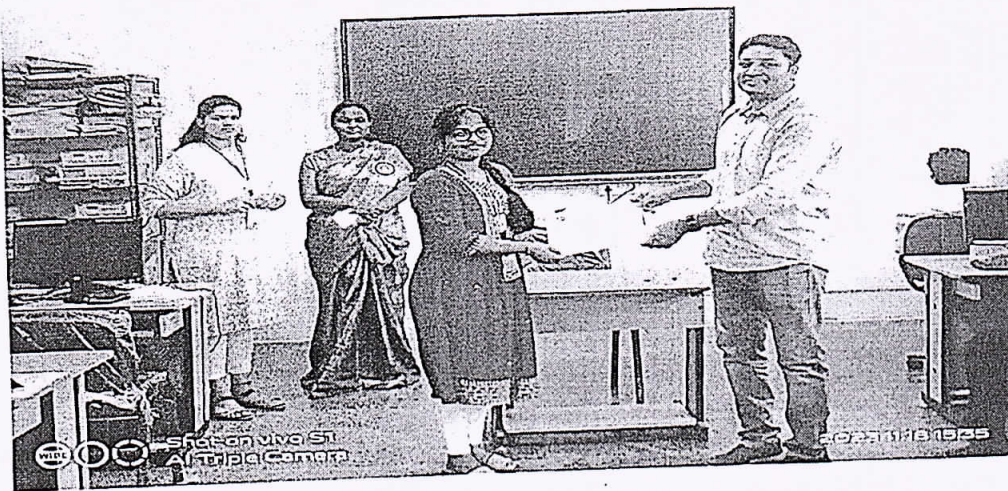
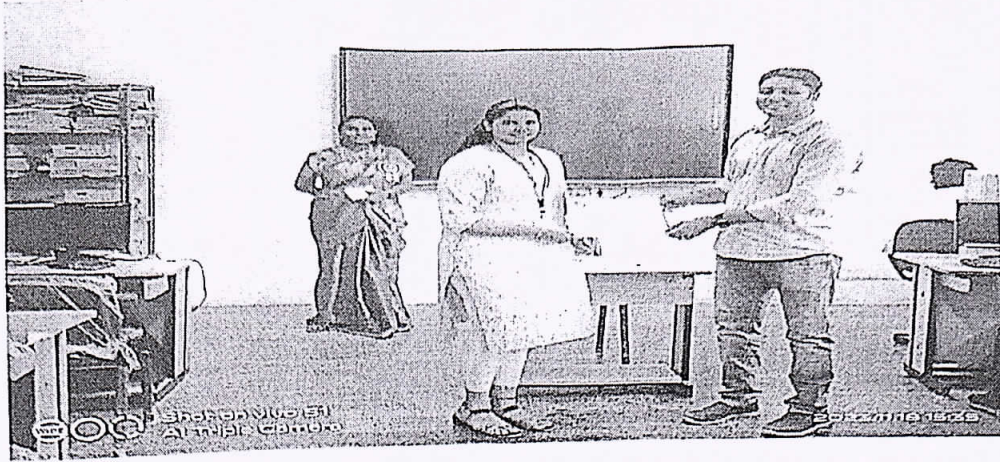
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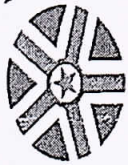


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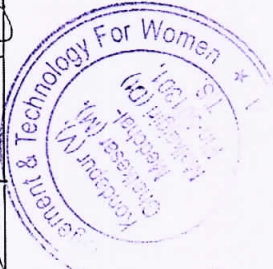


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING II YEAR I SEM

A TWO DAY WORKSHOP ON " PCB DESIGN AND FABRICATION"
ON 17TH AND 18TH NOVEMBER 2023

SL No.	Hall Ticket No	Name	17-11-2023(FN)	17-11-2023(AN)	18-11-2023(FN)	18-11-2023(AN)
1	22UPIA0401	Adepu Sushritha	Sushritha	Sushritha	Sushritha	Sushritha
2	22UPIA0403	Arrabolu Manisha	A. Manisha	A. Manisha	A. Manisha	A. Manisha
3	22UPIA0404	Bangar Meghana	B. Meghana	B. Meghana	B. Meghana	B. Meghana
4	22UPIA0406	Bellamkonda Shirisha	B. Shirisha	B. Shirisha	B. Shirisha	B. Shirisha
5	22UPIA0407	Bhavani Bollaioina	Bhavani	Bhavani	Bhavani	Bhavani
6	22UPIA0408	Bhirudhoju Vasavi	B. Vasavi	B. Vasavi	B. Vasavi	B. Vasavi
7	22UPIA0409	Bonala Sohini	B. Sohini	B. Sohini	B. Sohini	B. Sohini
8	22UPIA0412	Bugga Ananya	Ananya	Ananya	Ananya	Ananya
9	22UPIA0414	Cheripalli Bhavana	Ch. Bhavana	Ch. Bhavana	Ch. Bhavana	Ch. Bhavana
10	22UPIA0416	Chilukuri Harika Reddy	Ch. Harika	Ch. Harika	Ch. Harika	Ch. Harika
11	22UPIA0417	Chinthala Sri Navya	Ch. Sri Navya	Ch. Sri Navya	Ch. Sri Navya	Ch. Sri Navya
12	22UPIA0419	Gaddam Dharani	G. Dharani	G. Dharani	G. Dharani	G. Dharani
13	22UPIA0422	Godige Pranitha	G. Pranitha	G. Pranitha	G. Pranitha	G. Pranitha
14	22UPIA0423	Gummadeela Kaveri	G. Kaveri	G. Kaveri	G. Kaveri	G. Kaveri
15	22UPIA0427	Konduri Srilekha	K. Srilekha	K. Srilekha	K. Srilekha	K. Srilekha
16	22UPIA0429	Mandha Harthi	M. Harthi	M. Harthi	M. Harthi	M. Harthi
17	22UPIA0430	Mantri Bhavana Sree	M. Bhavana	M. Bhavana	M. Bhavana	M. Bhavana
18	22UPIA0431	Miriyala Uma Madhavi	Madhavi	Madhavi	Madhavi	Madhavi
19	22UPIA0433	Nandikonda Maithri	Maithri	Maithri	Maithri	Maithri

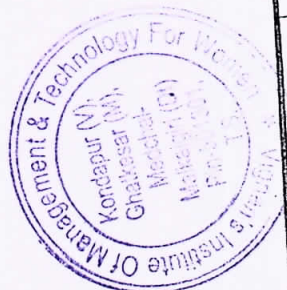


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20	22UPIA0435	Nashaboina Snehi	Sneha	Sneha	Sneha	
21	22UPIA0438	Pugidi Sowjanya	P. Sowjanya	P. Sowjanya	P. Sowjanya	
22	22UPIA0439	Papisetty Ashmitha	Ashmita	Ashmita	Ashmita	
23	22UPIA0440	Parsa Rupa	Rupa	Rupa	Rupa	
24	22UPIA0441	Pendam Sri Vighna	Sri Vighna	Sri Vighna	Sri Vighna	
25	22UPIA0443	Rangu Vanshika	R. Vanshika	R. Vanshika	R. Vanshika	
26	22UPIA0444	Rapelly Rishitha	R. Rishitha	R. Rishitha	R. Rishitha	
27	22UPIA0445	Rayala Sathwika	Sathwika	Sathwika	Sathwika	
28	22UPIA0446	Sadula Harika	S. Harika	S. Harika	S. Harika	
29	22UPIA0448	Sanna Kalyani	Kalyani	Kalyani	Kalyani	
30	22UPIA0449	Singi Reddy Deepika	Deepika	Deepika	Deepika	
31	22UPIA0451	Thallapally Suchitra	Suchitra	Suchitra	Suchitra	
32	22UPIA0453	Vadde Swathi Keerthana	Keerthana	Keerthana	Keerthana	
33	22UPIA0455	Varala Shilpa	V. Shilpa	V. Shilpa	V. Shilpa	
34	22UPIA0457	Yalavathi Sanjana	Y. Sanjana	Y. Sanjana	Y. Sanjana	
35	23UP5A0402	ARSIAPALLY NEETHUSRI	A. Neethusri	A. Neethusri	A. Neethusri	
36	23UP5A0406	DK SRINIDHI	DK. Srinidhi	DK. Srinidhi	DK. Srinidhi	
37	23UP5A0407	DUNDRA NAGESHWARI	D. Nageshwari	D. Nageshwari	D. Nageshwari	
38	23UP5A0409	KAVALI SOWMYA	K. Sowmya	K. Sowmya	K. Sowmya	
39						
40						

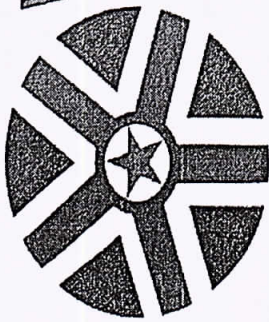
Co-Ordinator

Head of Department
 Electronics and Communication Engineering
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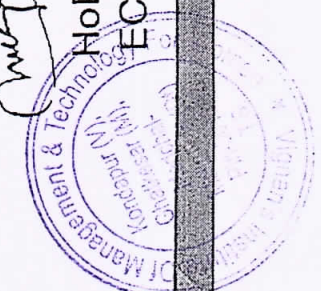
for participation in the Two-Day workshop on "PCB Design & Fabrication" held on **17th & 18th November, 2023**. Organized by the Department of Electronics & Communication Engineering, in association with Armtronics Labs, under IETE Students Chapter.

Suresh Babu
Co-ordinator,
IETE Student Chapter

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Director,
Armtronics Labs

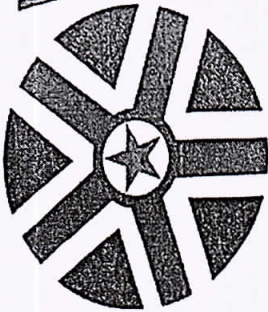
[Signature]
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ECE

[Signature]
Principal,
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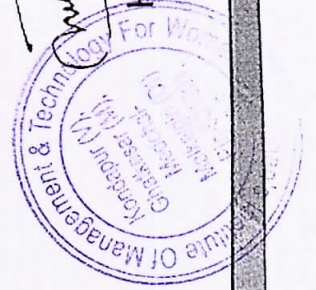
Certificate of Participation

This certificate is presented to
Dundra Nageshwari

for participation in the Two-Day workshop on "PCB Design & Fabrication" held on
17th & 18th November, 2023. Organized by the Department of Electronics & Communication
Engineering, in association with Armtronics Labs, under IETE Students Chapter.

Director,
Armtronics Labs

HoD
ECE

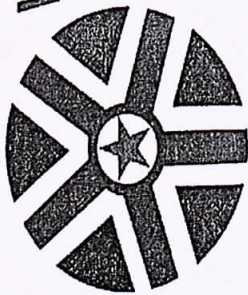


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Suresh
Co-ordinator,
IETE Student Chapter

[Signature]
Director,
Armtronics Labs

[Signature]
HoD,
ECE
Principal,
Institute of Management & Technical Education
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A/c. Head :

VOUCHER (Cash / Bank)

Date : 18/11/2023

	Amount Rs.	Ps.
1 Towardsly workshop on 17 th & 18 th Nov 2023 PCB Design & fabrication	16000	00
2		
3		
Rupees (in words) Sixteen thousand only		
TOTAL	16000	00



Receiver's Signature

[Signature]

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Executive Director

Accountant

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Accountant

A.A.O.

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