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



DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING VMTW/ECE/WS/CIR/2023-24/I/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 DeHODent lectronics and Communication Engineering gunan's Institute of Management & Technology For Women Kondapur (-), Ghaikesar (M), Madahal-Makalgiri (Dt.)-50 (30)

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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 Ill-year ECE students on 20th & 21st NOV 2023.

Speaker: Mr. G. Ganesh Reddy

Co-Ordinator: Mrs. G. Indira Priyadarshini

Submitted for Approval

e Department ECE onication Engine.

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Vignan's Institute of Management & Technology For Women PRINCIPAL Kondapur (M., Chatkesar (M), Medichal-Halkaigin (DI)-50130)

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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)	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	Venue	Infrastructure	
		Lecture)	J. English	Requirements	Availability
20/11/2023	9.15 AM	Inauguration	HALL B-201	- 1 = 1 = 1	H
20/11/2023	9.45 AM to12.30 PM	Introduction to Embedded System Introduction to Arduino .	HALL B-201	Smart board with Internet	Yes
20/11/2023	2.00 PM to3.15 PM	3. Introduction to Pin Description 4. Explain Program environmental set up	HALL B-201	Smart board with Internet	Yes
21/11/2023		5. Explain Online Simulation tool for Arduino	HALL B-201	Smart board with Internet	Yes
21/11/2023		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		<u> </u>

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

Date: 01.11.2023

Place: Ghatkesar, Hyderabad.

Signature or the Head of the Department

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

Principal

Vignan's Institute of Management & Technology Kondapur (V). Ghatkesar (M), Medchal-Mathejg Telangana State



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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 Io1 application and make the session really interactive by providing an opportunity to suggest a solution to real life scenario.

The main headlights of the workshop are given below:

- > Arduino board such as Arduino Uno, Arduino Uno R3 SMD there 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.

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

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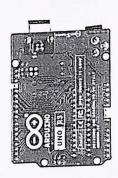


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IS ORGANISING



A TWO DAY WORKSHOP



OLINGUE ORIS OSING ARDONNO SIRCUIT CRAFF. A JOURNEY TO

ON 20TH & 21ST NOVEMBER, 2023

Mr. G. Gamesh Reddy, Assistant Professor, ECE, VMTW. Go-Ordfinatior: Ms. 6. Indire Privadershim



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展刊1至

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. Shravan, 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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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.

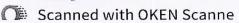
The main headlights of the workshop are given below:

- 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.

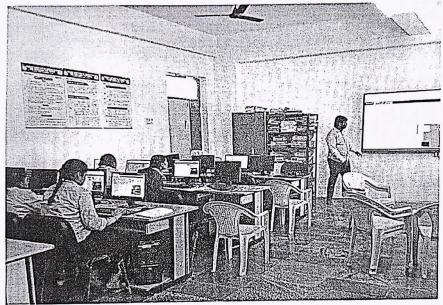
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Electronics and Communication Engineering
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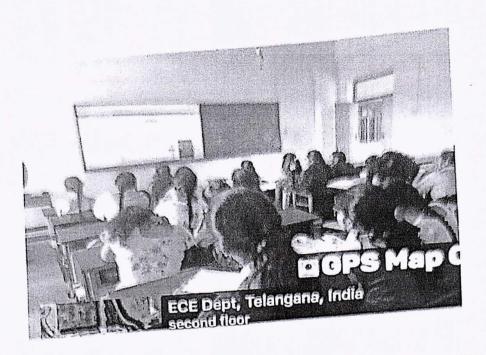








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Department of Electronics and Communication Engineering A Report on "A Journey to IOT Applications using Arduino"

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. Shravan, Principal Dr. A. Apparao Naidu and Mr. P. Harikrishna, HOD of ECE for their support for successful completion of workshop.

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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

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	8. ANY OTHER SUGGESTION					No	It would have been better if the session was some	more interactive	No	No	No suggestions	No suggestions	Provide more workshop	Please provide the good working systems	Pls provide a good systems	No	No suggestions	It would be better, if it is extended for few more	days	It's good	Two days workshop was informative	More useful workshops	No suggestions, We want more workshops.	We want more work shops and practical also	Nothing	Provide step by step tutorials, project showcases.	resources and references etc	No	Conduct many more sessions like this Conducting	the workshops is better for every student for	knowing and gaining the more knowledge	We need more sessions like to be held in luture	Implement some hardware classes for design of min	projects	Give some more time for executed:	Give some time for execution	None	Heigh sery nice of of very second	Principal
	7.Areas/Topics	about which you	would like to	receive further	training.	VERY GOOD		FAIR	0005	doo		doo	VERY GOOD	G00D	G005		VERY GOOD		FAIR	VERY GOOD	VERY GOOD	0005	VERY GOOD	VERY GOOD	EXCELLENT		0000	G000			EXCELLENT	VERY GOOD		GOOD	VERY GOOD	GOOD ON 1	0/ 00000	VERY GOOD	/Kondapus / Kondapus /
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Head of the Department

Electronics and Communication Engine

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

A TWO DAY WORKSHOP ON " Circuit Craft: A Journey to IOT applications using Arduino" III YEAR I SEM

ON 20TH AND 21ST NOVEMBER 2023

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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 (Sponsored by Lavu Educational Society)
Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad.

S 1ARE





Certificate of Participation

This certificate is presented to

Mettu Sowmya

Organized by the Department of Electronics & Communication Engineering, for participation in the Two-Day workshop on "Circuit Craft: A Journey to 10T Applications using Arduino" held on 20th & 21th November, 2023.

under IETE Students Chapter.

IETE Student Chapter - Sweedlest Co-ordinator,

HoD,

2.4 das Principal, VMTW

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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301 (Sponsored by Lavu Educational Society)
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Principal, VMTMX

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IETE Student Chapter Ludwar Co-ordinator,



(Sponsored by Lavu Educational Society) Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad Kondapur (V), Ghatkesar (M), Medchal - Malkalgiri (D) - 501 301



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B.Nikhitha

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necetters Co-ordinator, IETE Student Chapter

Principal,

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Vignan's Institute of Management & Tech Kondapur (V). Ghatkesar (M). Hedchal-flalksigiri (Di)-co 1...1 Telangana Stale





(An Autonomous Institution)

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



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

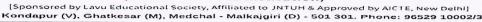
VMTW, Hyderabad



Vignan's Institute of Management & Technology (Cycolic Kondapur (V), Ghatkesar (M), Madchal-Maincyani (Cycolic Telangana Stele



(An Autonomous Institution)





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

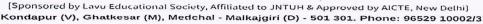
HOD,ECE.

Head of the Department
Electronics and Communication Engine
Lineal's Institute of Management & Technology For technology (V), Ghatkesar (M), Medchal-Malkajgiri (CL)-

Kontopur (1)



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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.

Copy to

The Principal, for kind information

IQAC

Notice board

III.B.Tech students

Dept. file

Head of the Department

Flectronics and Communication Engineering

's Institute of Management & Technology For Women

No. Japor (V), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-501301

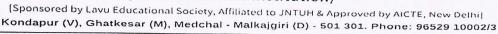
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ENERGY-EFFICIENT ANTENNAS: SUSTAINABLE AND SMART

Academic Year: 2023-24

B.Tech: III-IISEM

SECTION: ECE-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 applicationsIntroduction 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 IIIGreen 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.

Vignan's Institute of Management & Technology Kondapur (V), Ghatkesar (M), Medchel-Malkeigan, Telangana State **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 VEnergy 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

Head of the Department

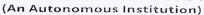
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Institute of Management & Technology For

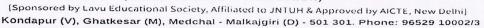
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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	S	

Head of the Department rectronics and Communication Engineering Institute of Management & Technology For 1/2 (२), Ghatkesar (M), Medchal-Malkajgiri (Dt.)-५०। उत्तर

> Vignan's Institute of Management & Techn Kondapur (V). Ghatkesar (層), Medchal-Mall

Telangana State



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Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301. Phone: 96529 10002/3



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	20UP1A0422	K.Sai Snigdha	AB
2	21UP1A0401	A. Naga Sudeepthi	AB.
3	21UP1A0402	A. Sindhu	A. Sinolhu
4	21UP1A0403	Angothu Shailaja	A. Shajlaja
5	21UP1A0404	Baswa Poojitha	B-Roofitha
6	21UP1A0405	Bokka Nikhitha	B. Nikhitha
7	21UP1A0406	Borra Shree Lakshmi Naveena	Blazimi Novem
8	21UP1A0407	Bugga Poojitha	B. pooj itha
9	21UP1A0408	C.Shivani	AB
10	21UP1A0409	Chiluveru Vaishnavi	d. valedinavi
11	21UP1A0410	Chindam Manisha	ch. Manisha
12	21UP1A0411	Chindam Nikitha	C. Nikitha
13	21UP1A0412	Danthuri Thrisha	D. 18915
14	21UP1A0413	Gorakanti Shivani	G. Shivani
15	21UP1A0414	G. Divya Shree	G. Divya
16	21UP1A0415	Gogu Ravali	E. Lavali
17	21UP1A0416	Gorre Sri Chandana	G. Srichangian
18	21UPIA0417	Gundlapally Madhuri	G. Madhuri
19	21UP1A0418	K. Ruchitha	k: Ruchitha
20	21UP1A0419	K. Shravya	K. Shravya.
21	21UP1A0420	Kasala Akhila	AB U
22	21UP1A0421	Katikala Niharika	K. Niho
23	21UP1A0422	Kosika Devika	K. Devika
24	21UP1A0423	M Raja Suhasini	Paja)
25	21UP1A0424	M.Praneetha Siri	M. Prancetha Siti
26	21UP1A0425	Madduru Ruchitha	Ry
27	21UP1A0426	Madishetti Akshitha	Akshitha
28	21UP1A0428	Mettu Sowmya	Sownya
29	21UP1A0429	Nasam Sanjana	N. Sanjava
30	21UP1A0430	Nukalagudam Deepthi	AB
31	21UP1A0431	P. Durga	Durger
32	21UP1A0433	P. Laxmi Bhavani	P. Bhabani
33	21UPIA0434	Renukuntla Sushma	Sushma 1

Vignan's Institute of libragement & Technology For Kondapur (V). Ghatkesar (M). Medchal-Malkejgiri (D) Telangana State

34	21UP1A0435	Repala Vedasri	Rivedasi
35	21UP1A0436	Sudireddy Sai Teja	Çajı
36	21UP1A0437	Sunkari Suchithra	Sisuchitra
37	21UP1A0438	Surigi Shivani	Shivari
38	21UP1A0439	Thangirala Deepika Reddy	AB
39	21UP1A0440	Tirumani Sowmya	T. Sowmya
40	21UP1A0441	V. Sai Shruthika	Sai Shrushile.
41	21UP1A0442	Vallapu Jayasri	Jayasin
42	22UP5A0401	Alladi Pravalika Yadav	A.Pravalika
43	22UP5A0402	Ayidapu Samatha	AB
44	22UP5A0403	Bandela Pramodini	B. Pramodini.
45	22UP5A0404	K Sarika	K. Sanka.
46	22UP5A0405	Kasivojjula Bhavani	K. Bhavani
47	22UP5A0406	Madipadige Harika	M. Harika.
48	22UP5A0407	Medhari Sowmya	Misowmya
49	22UP5A0408	Mukkera Divya	AB
50	22UP5A0409	Nallawar Niharika	N. Whasika
51	22UP5A0410	Nanneboyina Sahasra	N. Sahasya
52	22UP5A0411	Pole Chandana	P. Charday.
53	22UP5A0412	Ponnana Naveena Rani	P. Nauceus Raw.
54	22UP5A0413	Rampally Uma Devi	R. Ornadevi
55	22UP5A0414	Silari Mrudhuveena	of Phleena
56	22UP5A0415	Thantharapally Navya	T. Navya
			J

COORDINATOR

HOD

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

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Principal
Vignan's Institute of Ranagamant & Technology For M
Kandapur (V), Ghatkesar (M), Medchal-Malkejgiri (DyTalangana State



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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	21UP1A0402	A. Sindhu
2	21UP1A0403	Angothu Shailaja
3	21UP1A0404	Baswa Poojitha
4	21UP1A0405	Bokka Nikhitha
5	21UP1A0406	Borra Shree Lakshmi Naveena
6	21UP1A0407	Bugga Poojitha
7	21UP1A0409	Chiluveru Vaishnavi
8	21UP1A0410	Chindam Manisha
9	21UP1A0411	Chindam Nikitha
10	21UP1A0412	Danthuri Thrisha
11	21UP1A0413	Gorakanti Shivani
12	21UP1A0414	G. Divya Shree
13	21UP1A0415	Gogu Ravali
14	21UP1A0416	Gorre Sri Chandana
15	21UP1A0417	Gundlapally Madhuri
16	21UP1A0418	K. Ruchitha
17	21UPIA0419	K. Shravya
18	21UP1A0421	Katikala Niharika
19	21UP1A0422	Kosika Devika
20	21UP1A0423	M Raja Suhasini
21	21UP1A0424	M.Praneetha Siri
22	21UP1A0425	Madduru Ruchitha
23	21UP1A0426	Madishetti Akshitha
24	21UP1A0428	Mettu Sowmya
25	21UP1A0429	Nasam Sanjana
26	21UP1A0431	P. Durga
27	21UP1A0433	P. Laxmi Bhavani
28	21UP1A0434	Renukuntla Sushma
29	21UP1A0435	Repala Vedasri
30	21UP1A0436	Sudireddy Sai Teja
31	21UP1A0437	Sunkari Suchithra
32	21UP1A0438	Surigi Shivani
33	21UPIA0440	Tirumani Sowmya
34	21UP1A0441	V. Sai Shruthika

Vignan's Institute of Management & Technolog Kondapur (V), Ghalkesar (M), Medichal-Malkrigi 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 Mrudhuveena	
48	22UP5A0415	Thantharapally Navya	

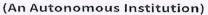
COORDINATOR

HOD

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



Vignan's Institute of Management & Technology For Kondapur (V). Ghatkesar (M). Medichul-Malkejgiri (Dt) Telangana State







DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

DAY WISE ATTENDENACE 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	21UP1A0402	A. sindhy	A. sindhu	A-sinalhy	Assinolhu	A. Sindhu	A-sinally
2	21UP1A0403	4-shoulay'a	+-Shailaio	A -Shaileyia	A-Sho. 1019	A. Stroniby a	of shailey a.
3	21UP1A0404	B. Poolitha		B-Poolithe		B. Pooitha	8-Poolitha
4	21UP1A0405	B. Nikhitha	B. Nichtha	BNIGHThe	R. Nibhidh	BNIBhila	R. Nichitha
5	21UP1A0406	B: Coini Naver	B. laminar	B'loxini	B. Laxmi	i'mxd &	B. laxmi
6	21UP1A0407	B. Popiit ba	B.Pooitha	B. Pooitha	B. Pooith	B. Pooitha	B. Poortha
7	21UP1A0409	ch. Varshnay	1 1	8h. Varzhnai	ch. Varihoui	chraithnul	ch-vaithva1
8	21UP1A0410	Ch. Manisha	ch. Manisha	ch. Manisha	ch. Mankhy	ch.Manishn	ch. Manish
9	21UP1A0411	C. Nikitha	C·Niki+ha	c. Nikitha	C-Nikitha	C.Nikitha	C. Ni kitha
10	21UP1A0412	D.TGisha.	D.76isha	D.TEISha			D. TEiSha
11	21UP1A0413	C1-Shivani	Grshivani	Geshivani	Goshivani		G-shivan
12	21UP1A0414	G. Duya	G. Days	G. Durya	G. Duye	, G. Dings	6. Duye
13	21UP1A0415	Gr. Ravati	G. Kareali	6. Ravali	GrRavat		6 Ravali
14	21UP1A0416	G. Srichanda	"Kni Charden	Sichandara	. Sis Chandan	Son Chardan	Snichandan
15	21UP1A0417	G. madieny	G. Madhuri	G. Madhur i	G. Machuri	G. Machuri	G. Machuri
16	21UP1A0418	K. Ruchitha	k. Ruchitha	K.Ruchotha	10 Ruchitha	10 Ruchitha	befuchother,
17	21UP1A0419	shray	@wol-	Shrang	Shrange	stravya	ghren T
18	21UP1A0421	Nihavik a	niharika	nihayika	nihavik a	Mharika	MAYIKA
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.20	21UP1A0423	payor -	Rajor	Rajab	Raja	Raja	Rajart
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22	21UP1A0425	Rudh	(merth	Per Clithy	AB	merry	Quelithe
23	21UP1A0426	M. Akibitha	M. Alcolitha	M. Akskithe	M. AWKITW		M. Arshitha
24	21UP1A0428	Sowmys	Sowmys	Sownys	Sowmys	Sownys	Sowmys
25	21UP1A0429	Sarjana	sayana	sanjana	sonjand	sanjana	Sanojana
26	21UP1A0431	Du	Die	Dag	Del.	Dr.	One.
27	21UP1A0433	P.Bhawi	P. Bus	P.But	P. By	P. B.	Proti
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Vignan's Institute of Management & Technology Kondapur (Y). Ghatkesar (州). Medchal-Malkejghi Telangana Stata

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COORDINATOR

HOD

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



Vignan's Institute of Nanogament & Yechnology Kondapur (V), Ghatkesar (M), Mediciol-Malkejoin (C) Telangana State



(An Autonomous Institution)





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.Pullaiah, 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

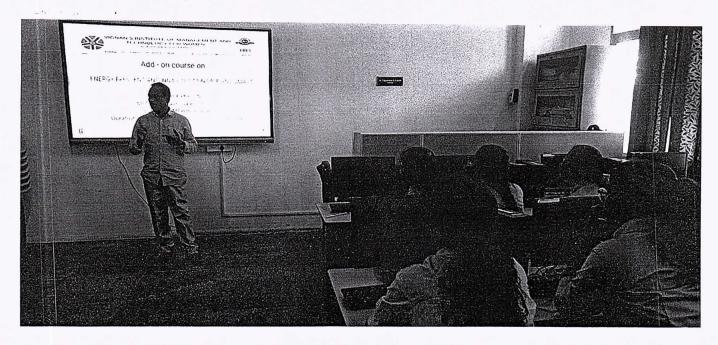
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Makana Ott

Principal

Vignan's Institute of Management & Technology For *

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



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

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Accredited By

> Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad Kondapur (V), Ghatkesar (M), Medchal - Malkajgiri (D) - 501 301



Certificate of Course Completion

.... Year 21UP (A0441 has successfully completed the Addon/Certification Course on

Energy - Efficient Antennas: Sustainable and Smart

to 22/04/2024



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Electronics Red Communication Engineering ondapur (Y), Shaikesar (M), Meŭonai-Malkajgin (UL)-50130)









Certificate of Course Completion

This is to certify that Ms./Mr. Madoluru Ruchitha

Year ROII NO. 210PIA0425

has successfully completed the Addon/Certification Course on

Energy - Efficient Antennas: Sustainable and Smart

held from 15 / 04 / 2024.

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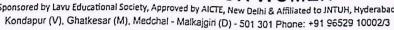
22/04/2024

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

Ondapur (V), Ghatkesar (M), Medchal-Malkajgin (DL)-501301



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DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

VMTW/ECE/WS/CIR/2023-24/I/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.

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Circulate to Faculty

Circulate to Classrooms.

Notice Board.

Dept file.

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Vignan's Institute of Management & Technology For Vi-Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dt)-50 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 a 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. 1 & Techn

Principal Vignan's Institute of Management & Technology For Victor Kondapur (V), Ghaikesar (W), Medchal-Malkejgiri (Or

Telangana State

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	Venue	Infrastructure	
Date	Time	Lecture)		Requirements	Availability
22/12/2023	9.15 AM	Inauguration	HALL B-210		
22/12/2023	9,45 AM to12.30 PM	Introduction to Embedded System Introduction to Arduino	HALL B-210	Smart board with Internet	Yes
22/12/2023	2.00 PM to3.15 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		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		

A 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 or the Head of the Department

Date: 01.12.2023

Place: Ghatkesar, Hyderabad.

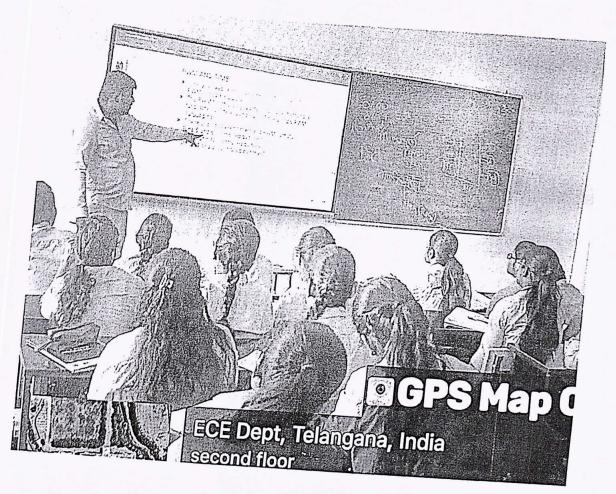
Head of the Department Electronics and Communication Engineering

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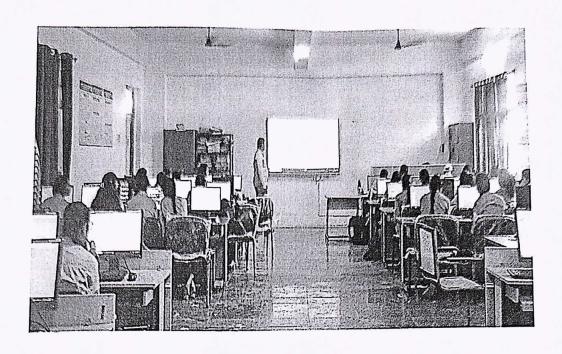


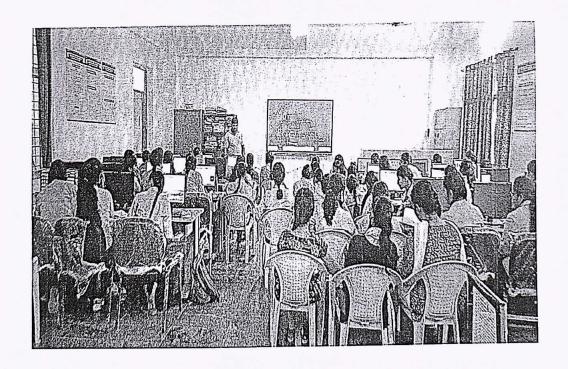


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Principal

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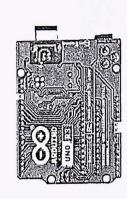
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IS ORGANISING



A TWO DAY WORKSHOP



TOORREVINTOARDUNOS OT APPLICATIONS

ON 22ND & 23RD DECEMBER, 2023

Mr. G. Ganesh Reddy, Assistant Professor, ECE, VMTW. Go-Ordinator: Ms, G, Indha Privadarshini, Associate Pnite



Telangana State



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

II YEAR I SEM
O DAY WORKSHOP ON "A Journay late A admine and for the

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

Timestamp	92	2.The presenter(s) provided	3.The presenter(s) modeled student	session ased my ledge and	sys	6.How would you 7.Areas/Topics rate this Session? about which you would like to	7.Areas/Topics about which you would like to	8. ANY OTHER SUGGESTION
	skills presented were relevant and useful.	adequate time centered learn for questions and strategies and answered them techniques.	centered learning skills. strategies and techniques.	skills.	to follow-up the training		receive further training.	
/12/28 8:18:	2023/12/28 8:18:2 EXCELLENT	EXCELLENT	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	We need some more sessions
/12/28 8:18:.	2023/12/28 8:18:2 EXCELLENT	VERY GOOD	g005	VERY GOOD	VERY GOOD	VERY GOOD	G005	No suggestions
/12/28 8:19:	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	1 GOOD	0005	VERY GOOD	EXCELLENT	VERY GOOD		0005	NO
2023/12/28 8:20:2 GOOD	2 GOOD	VERY GOOD	G005	G005		VERY GOOD	VERY GOOD	No
/12/28 8:20:	2023/12/28 8:20:3 EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	Expecting such workshops in future
/12/28 8:21:	2023/12/28 8:21:1 VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	Provided Valuable information
1/12/28 8:21:	2023/12/28 8:21:5 EXCELLENT	EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	Nothing
/12/28 8:25:	2023/12/28 8:25:1 EXCELLENT	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	VERY GOOD	Thank you
/12/28 8:27:	2023/12/28 8:27:3 EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	Nothing
/12/28 8:29:	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	2 GOOD	G005	0005	G005	0005	G005	0005	
								We need this type of worksnoods knowledge national cases
/12/28 8:29	2023/12/28 8:29:2 EXCELLENT	0005	0005	EXCELLENT	VERY GOOD	VERY GOOD	VERY GOOD	knowledge
/12/28 8:29	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 seas.ons ike these
1/12/28 8:29	2023/12/28 8:29:4 EXCELLENT	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	EXCELLENT	EXCELLENT	It's an useful workshop. I have learnt of of hew topics.
2023/12/28 8:30:2 GOOD	:2 GOOD	FAIR	FAIR	G005	FAIR	FAIR	g005	No suggestions
3/12/28 8:31	2023/12/28 8:31:0 EXCELLENT	VERY GOOD	VERY GOOD	EXCELLENT	VERY GOOD	EXCELLENT	EXCELLENT	Session was good and experting more sessons ike the
2023/12/28 8:31:4 GOOD	:4 GOOD	FAIR	0005	FAIR	FAIR	g005	0005	No
3/12/28 8:32	2023/12/28 8:32:5 EXCELLENT	G00D	G005	VERY GOOD	0005	EXCELLENT	0005	No
3/12/28 8:33	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	3:3 GOOD	0000	0005	VERY GOOD	0005	0000	VERY GOOD	We need more sessions
3/12/28 8:3:	2023/12/28 8:33:3 VERY GOOD	0000	0005	0009	0005	VERY GOOD	VERY GOOD	Nice experience
								Need to conduct more workshops like this which are very informative.
3/12/28 8:34	2023/12/28 8:34:0 VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	and useful
2023/12/28 8:34:3 GOOD	4:3 GOOD	FAIR	G005	FAIR	VERY GOOD	0000	VERY GOOD	No
3/12/28 8:3:	2023/12/28 8:35:5 VERY GOOD	VERY GOOD	0000	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	No
3/12/28 8:3	2023/12/28 8:36:4 VERY GOOD	G005	VERY GOOD	G005	g005	0005	VERY GOOD	We want other work shop
2023/12/28 8:39:4 GOOD	9:4 GOOD	0005	0005	G005	0005	G000	0000	Good
3/12/28 8:4	2023/12/28 8:41:3 EXCELLENT	G005	VERY GOOD	EXCELLENT	EXCELLENT	SGOD TO OCH	FAIR	No suggestions
					///	1/1/3		ンタマ

More practice sessions Conduct more workshops Useful work shop Very useful information i learnt alot from this work shop Conduct more workshops No No We are interested tolearn more information in workshop Nice We are interested tolearn more information in workshop lite helpful i Its helpful i	artment ation Engineering Technology for Yostan at Askeren (tt)-Sovad
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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

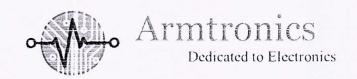
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10 22UP1A0410	Borra Meghana	R. Meghana	R. Mealiana		
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MEMORANDUM OF UNDERSTANDING

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.

There is no financial obligation in this agreement.

Second Party

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

Principal Principal

Vignan's Institute of Management & Technology For Vismology Kondapur (V). Changer Her Medical And Propriet All Rights Reserved Telangana Statelangana Sta

www.armtroniclabs.com





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 reges ollies veas studiukur Bus stand. Nellore. Phone 074163 89674.

8919898178 Email codes. deeksha@gmail.com

Principal

Vignan's Institute of Management & Technology For Manageme



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 solelyin light of the contents thereof.
- 1.4 Use of words in the singular includes the plural and vice versa and themasculine 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.

Reg No. 250/2017 Address: Opp Chandra reddy College & Far Mythinkin 18th stand. Nellore, Phone 07.

doces des sha@gmail.com

Vignan's Institute of Management & Technology Kondapur (V), Ghatkesar (M), Medchal-Malkajan, u., 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.

Reg No. 250/2017 Address: Opp Chandra reddy Colleges Year Mulhuhur Rus stand. Nellore. Phone 074167 89674.

8919898179; Email: deeksha@gmail.com

Principal Vignan's Institute of Management & Technology For Worth Kondapur (V), Ghalkesar (M), Medchal-Malkajgirl (Dt)-56138

Telangana State



circumstances or at any time be liable to the other under or in connection withthe 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.

Reg No. 250/2017 Address: Opp Chandra reddy College. Non Wirthukus Rus stand.
8919898179; Email: codes reeksta@gregil.com

Principal S Vignan's Institute of Management & Technology For V Kondapur (V). Ghatkesar (M), Medchal-Maikajgiri (Dt)-6

Telangana State

Vellore, Phone 074163



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 accordancewith the said Rules. The Arbitration Decision shall be final andbinding.

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 priorwritten notice.

Reg No. 250/2017 Address: Opp Chandra reddy

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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 toprevent 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, inwhole 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

Reg No. 250/2017 Address: Opp Chandra reddy C

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8919898179; Emails codes deeksha@ginall.com

Vignan's Institute of Management & Technology F Kondapur (V), Ghatkesar (M), Medchat-Malkejgiri (D1)-Social. 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 asconfidential 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 shallnot disclose to any person or use such information for any purpose otherthan 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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Reg No. 250/2017 Address: Opp Chandra reddy Gallog Vear Whythykur Bus stand. Nellore, Phone 074163 89674 odes deeksha@gmail.com Principal

Vignan's Institute of Management & Technology For Women Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (DG-501301, Telangana State



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 bostony

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

Principal

Vignan's Institute of Management & Technology For Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dr) - Telangana State

Reg No. 250/2017 Address: Opp. Chandra reddy Collegen Ran Standukur Bus stand. Nellore. Phone 074163 89674
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Vignan's Institute of Management & Technolog; For Manageme





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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Vignan's Institute of Management & Technology For William
Kondapur (V), Ghatkesar (M), Medchal-Malkajgld (DI) 80.....
Telangana State

Elegant Embedded Solutions Pvt. Ltd.





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.

Principal

Vignan's Institute of Management & Technology For Women Kondapur (V). Ghatkesar (M). Medchal-Maike;girl (Dt)-501391.

Telangana State

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Elegant Embedded Solutions Pvt. Ltd.





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.



Principal
Vignan's Institute of Management & Technology For Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dynamical Felangana State



- 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.



Principal
Vignan's Institute of Management & Technology For Warner
Kondapur (V), Ghatkesar (M), Medchal-Malkajgiri (Dynamor)
Telangana State

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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.



Principal

Telangana State



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



Principal
Vignan's Institute of Management & Technology Form
Kondapur (V), Ghatkesar (M), Medchal-Markajgiri (L., paradolica)
Telangana State



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.



Principal
Vignan's Institute of Management & Technology For Management & Technology Fo



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.

J BRO

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 & Technology of Management & Technology (V). Ghatkesar (M), Medchal-Malkajam (V). Ghatkesar (M), Medchal-Malkajam (V).

Telangana State
Telangana State
Telangana State

Elegant Embedded Solutions Pvt. Ltd.





Date: 14-11-2023.

Kondapur (V), Ghatkesar (M), Medchal - Malkajgirl (D) - 501 301 Phone: +91 96529 10002/3

DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

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

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.

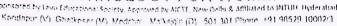
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Principal Vignan's Institute of Management & Technology Kondapur (V), Ghatkesar (M), Madahal-Mulkejgiri (Ci)-L. Telangana State



VIGNAN'S INSTITUTE OF MANAGEMENT AND





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

Rication Engineering Vionan's Institute of Management & Technology For Women ov), Chatkesar (M), Medchal-Maikajgiri (Dt.)-501201 Electronics and Combin

Vignan's Institute of Management & Technology For Wo Kondapur (V), Ghatkesar (M), Meddhal-Nafiraigiri (D1)-50130)

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Vignan's Institute of Management & Technology, I Kondapur (V), Ghalkesar (M), Medchal-Malkajgiri (C., . 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
3	Level of activity (Regional/State/National/International):	Lechnology for women Regional
5	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
	Title of the Program	One day workshop on "PCB Design an Fabrications"
6	Theme of the Program	PCB design
7	Sub-Theme of the Program.	Fabrication
	Details of the Faculty Coordinator	G. Indira Priyadarshini Associate Professor
9	Name of the Program Convener (PC)	Mr.P. Harikrishna HOD, ECE
10 F	Proposed date of the Program (provide 3 different lates)	03/11/2023 & 03/11/2023, 10/11/2023 & 11/11/2023 17/11/2023 & 18/11/2023
	expected total no. of articipants	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	Venue	Infrastructure	
		Lecture)		Requirements	Availability
17/11/2023	9.15 AM	Inauguration	HALL B-201		
17/11/2023	9.45 AM to12.30 PM	Introduction to Basic Electronics	HALL B-201	Smart board with Internet	Yes
17/11/2023	2.00 PM to3.15 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 to3.00 PM	Testing	HALL B-202	Black board	Yes
18/11/2023	3.10 PM to 3.40 PM	Valedictory	HALL B-201	intelli	

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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 or the Head of the Department

Date: 01.11.2023

Place: Ghatkesar, Hyderabad.

Head of the Department Electronics and Communication Engineering Vignan's Institute of Management & Technology For 3.2330 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 17TH & 18TH NOVEMBER, 2023



MANUAL TO PROGRAM ATTICITIES. IN ASSOCIATION WITH

Go-Okalianion NS & III

Sr. Technical Engineer, Armtronics Lab.

Mr. Arium Modi

Speaker

Vignan's Institute of Management & Technology For Principal

Kondapur (V), Chalkesar (M), Medchal-Malkejgiri (C.; . Felangana State



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	and useful.	and answered them	strategies and	skills.	9		receive further	
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2023/11/20 7:13:01 PM GMT+5:30 VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	VERY GOOD	EXCELLENT	Workshop could provide students with materials for more practice of as a mini project
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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. Shravan, 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 twoday 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.

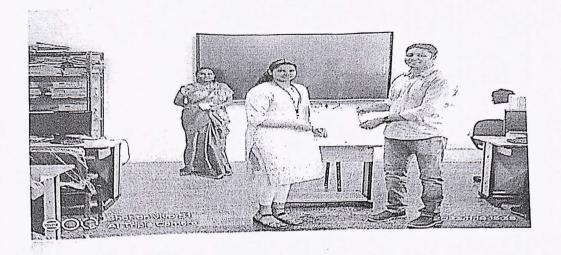


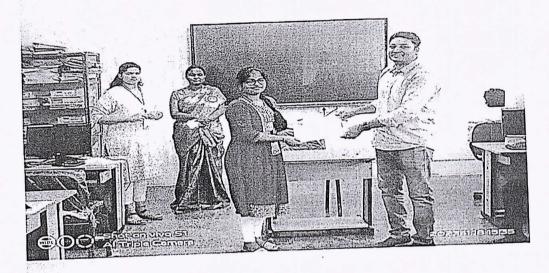
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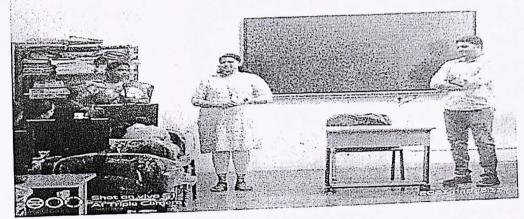




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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING II YEAR I SEM

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

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VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN

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Certificate of Participation

This certificate is presented to

yalavarthi sanjana

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.

ETE Student Chapter Co-ordinator,

Armtronics Labs Director,

ECEVignan's Institu

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Co-ordinator, ETE Student Chapter

Director, Armtronics Labs

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



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