



M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi
Accredited with 'A+' grade by NAAC
An ISO 9001:2015 Certified Institution
Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956
Trichy – Pudukkottai Road, Tiruchirappalli – 620 007. Phone:0431-2660 303
Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu



1.2.2 Number of Add on /Certificate programs offered during 2023-2024

2023-2024		
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EE 23241-Innovative Project using Arduino and Raspberrypi		
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EE 23242-Advancements in Electrical Engineering		
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	Course Delivery	19-20
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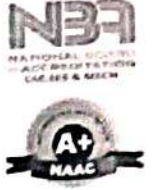

PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.



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Website: www.miet.edu. E-mail: principalengg@miet.edu, contact@miet.edu



Date: 05.09.2023

To,

The Principal
M.I.E.T Engineering College,
Trichy - 620007

Respected Sir,

Sub: Permission to conduct the value added course - Reg...

We have planned to conduct the value added course for our department students after the class hours (from 06.09.2023 to 27.10.2023)

Name of the Value Added Course	Course Coordinator
INNOVATIVE PROJECTS USING ARDUINO AND RASPBERRYPI	Mrs.J.SHERRIN BANU AP/EEE

So kindly give us permission to conduct the course and to utilize the class room after class hours (05.15pm to 06.15 pm).

Thanking you

J. Sherrin Banu
Course Coordinator

[Signature]
HoD/EEE 5/9/23.

[Signature]
Principal 5/9/23.

[Signature]
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M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.



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Website: www.miet.edu, E-mail: principalengg@miet.edu, contact@miet.edu



05.09.2023

CIRCULAR

Sub: Value Added Course

It is planned to conduct the value added course for the department of Electrical and Electronics Engineering students after the class hours.

The value added courses are short term certificate courses which are designed and offered by our department for the benefit of our students. Course will be conducted at free of cost and based on the performance of the participated students; the merit certificate will be issued after the successful completion of the course.

Students those who are willing to attend the below mentioned course can enroll their name to the course coordinator.

Name of the Value Added Course	Course Coordinator
INNOVATIVE PROJECTS USING ARDUINO AND RASPBERRYPI	Mrs.J.SHERRIN BANU., AP/EEE
Commencement of course from 06.09.23 to 27.10.23 Time: 05.15 PM – 06.15 PM	

J. Sherrin Banu
Course Coordinator

[Signature]
IQAC Coordinator 5/9/23

[Signature]
HoD/EEE 5/9/23

[Signature]
Principal 5/9/23

[Signature]
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M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T ENGINEERING COLLEGE, TRICHY – 7.
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course

Academic Year: 2023-2024

Course Syllabus

Name of the course: INNOVATIVE PROJECTS USING ARDUINO AND RASPBERRY PI

Course Coordinator: Mrs.J.SHERRIN BANU, AP/EEE

Total Hours:30

Objective

- To Impart the Knowledge to the students about the controllers and simulation
- To Create Mini Projects Using Arduino And Paspberry Pi

UNIT I INTRODUCTION 6

About Arduino- About RaspberrPi- Advantages And Disadvantages-
Purpose of Use - Advantages Of Arduino over RaspberryPi- Real-time Applications

UNIT II ARDUINO ARCHITECTURE 6

Types of Arduino- Basic Configuration-Usage Of Types-External Components Configuration-
Communication Using Ardiuno-I/O Module.

UNIT III RASPBERRY PI ARCHITECTURE 6

Types of Raspberry Pi- Basic Configuration-Usage Of Types-External Components Configuration-
Communication Using Raspberry Pi-I/O Module.

UNIT IV ARDUINO AND RASPBERRPI INTERFACING 6

Software Description Of Arduino- Programming Coding- Software Description of RaspberryPi-
Interfacing Using Proteus- Program Coding- Interfacing devices.

UNIT V MINI PROJECT SIMULATION 6

Blinking of LED - LCD Display- Street Light Control with Timer- DC Servo Motor Operation- Security
Alarm System Using Sensor-Smart GPS tracker.

Course Outcome

The students will be able to

- Understand the basics of Arduino and RaspberryPi.
- Understand the need of simulation of hardware in Proteus Software.

References

These are some of the books which can help students in increasing their knowledge base and clarification of the doubts.

1. Programming Arduino by Simon Monk
2. Programming Raspberry Pi by Simon Monk

J. Sherrin Banu
Course Coordinator

[Signature]
IQAC Coordinator

[Signature]
HoD/EEE

[Signature]
Principal 2/9/23

M.I.E.T ENGINEERING COLLEGE, TRICHY – 7.
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course

Course Delivery

Name of the Course: Innovative Projects Using Arduino and RaspberryPi

Course Coordinator: Mrs.J.SHERRIN BANU., AP/EEE

Total Hours: 34

Academic Year: 2023-2024

Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	About Arduino	6	06.09.23
2.	About RaspberyrPi Implementation In Applications		07.09.23
3.	Advantages And Disadvantages		08.09.23
4.	Why It Is Used		11.09.23
5.	Advantages Of Arduino Over RaspberryPi		12.09.23
6.	Real Time Applications		14.09.23
7.	Types of Arduino	6	15.09.23
8.	Basic Configuration		19.09.23
9.	Usage Of Types		20.09.23
10.	External Components Configuration		21.09.23
11.	Communication Using Ardiuno		22.09.23
12.	I/O Module		25.09.23
13.	Types Of Raspberry Pi	6	26.09.23
14.	Basic Configuration		27.09.23
15.	Usage Of Types		03.10.23
16.	External Components Configuration		04.10.23
17.	Communication Using Raspberry Pi		05.10.23
18.	I/O Module		06.10.23
19.	Software Description Of Arduino	6	09.10.23
20.	Programming Coding		11.10.23
21.	Software Description Of Raspberry Pi		12.10.23
22.	Interfacing Using Proteus		13.10.23
23.	Program Coding		16.10.23
24.	Interfacing devices		17.10.23

A. S. J.
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M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

Sl.No	Topics to be Covered	Hours	Date of Delivery
25.	Blinking of LED	6	18.10.23
26.	LCD Display		19.10.23
27.	Street Light Control With Timer		20.10.23
28.	DC Servo Motor Operation		25.10.23
29.	Security Alarm System Using Sensor		26.10.23
30.	Smart GPS tracker		27.10.23

J. Shemini Banu
Course Coordinator


[Signature]
HoD/EEE/19/23

[Signature]
Principal 15/10/23.

[Signature]
PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

Resource Person Details

Title of the program	INNOVATIVE PROJECTS USING ARDUINO AND RASPBERRYPI
Course Code	EE123302
Duration and timing of the program	30 Hrs, 5:15 PM to 6:15 PM
Name of the resource person	J.SHERRIN BANU
Photo of the resource person	
Email address	sherrin.j@miet.edu
Contact number	9629939076
Designation	Assistant Professor
Educational qualification	<ul style="list-style-type: none"> ➤ Completed B.E., Electrical and Electronics Engineering from Saranathan College of Engineering during 2013-2017. ➤ Completed M.E., Power Electronics and Drives from Saranathan College of Engineering during 2017-2019.
Experience	<ul style="list-style-type: none"> ➤ Teaching Experience – 8 months.

J. Sherrin Banu
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

28.11.2024

To

The Principal,
M.I.E.T. Engineering College,
Trichy - 620 007.

Respected Sir,

Sub: Requisition for Workshop report Updating in Institution website - Reg.

We have conducted the Three days workshop for our IETE student members from 13.11.2024 to 15.11.2024 at Simulation lab. In this regard, we would like to update the workshop PO / PSO Mapping report on our institution's website. So, kindly provide the permission for the same.

Thanking you.


Event coordinator
B. NUTHUSELVA


HOD / EEE


Principal 2/1/2024

Encl:

1. Workshop PO/ PSO mapping report.


PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

Three days Workshop on 'Embedded System and IoT' from 13.11.2024 to 15.11.2024

Venue : -Simulation Lab

Target Audience: IETE student members

Resource person : 1.Mr.S.Avudaiyaappan, Director, Marcellotech,Trichy.
2.Mr.V.R.Vairabarathi, Senior Programmer, Marcellotech,Trichy.

Objective of Program : The main objective of this workshop was to make the aspiring engineers acquainted with the conceptual as well as practical knowledge of the Internet of Things.

Topics Covered : Introduction to embedded systems,
Introduction to sensors and actuators,
Setting up an IoT device with node MCU,
Hands-on session: connecting to a cloud service.

Outcomes : After completing this workshop, students are able to:
1. Interfacing NODE MCU module with sensors and actuators.
2. Create and design new project using IoT and embedded systems.

PO & PSO Mapping:

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
M	-	H*	-	H	M	-	-	H	-	M	M	H	H





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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING (VALUE ADDED COURSE) INNOVATIVE PROJECTS USING ARDUINO AND RASPBERRYPI IV YEAR

S.No.	Name of the Student	Roll No.	WILLINGNESS	SIGNATURE
1.	ABDUL JAMEES J	E1203001	YES	J.J.
2.	ABDULRAHMAN B	E1203002	Yes	Rahman B
3.	ANUSUYA K	E1203003	YES	Anusuya K
4.	ARSHATH MOHAMED P	E1203004	YES	P. Arshath Mohamed
5.	JULIECLINTA J	E1203005	YES	Julieclinta J
6.	LAKSHMI V	E1203006	YES	Lakshmi V
7.	MANOJ R	E1203007	YES	Manoj R
8.	MOHAMED HANY N	E1203008	YES	Mohamed Hany N
9.	MOHAMED MUKTHAR R	E1203009	Yes	M. Mukthar R
10.	MOHAMMED ISMAIL D	E1203010	YES	D. Mohd. Ismail
11.	NIVEDHA K	E1203011	YES	K. Nivedha
12.	PRABAKARAN V	E1203012	YES	Prabakaran V
13.	RAJASRI R	E1203013	YES	P. Rajasri
14.	SAADIQ ALI M S	E1203014	YES	Saad Ali M S
15.	SRIRAM KUMAR R	E1203015	YES	R. Sriram Kumar
16.	SYEEDKHAN A	E1203016	YES	Syed Khan A
17.	THIRUMURUGAN S	E1203017	Yes	S. Thirumurugan
18.	VARSHINI V	E1203018	YES	Varshini V
19.	VIGNESHWARAN M	E1203019	YES	M. Vigneshwaran
20.	YUVASHRI G	E1203020	YES	G. Yuvashri
21.	AABITH HUSSAIN J	E 2213021	Yes	J. Aabith Hussain
22.	ABISHEGAN D	E 2213022	Yes	D. Abishegan
23.	ABIVARSHAN R	E 2213023	Yes	R. Abivarsan
24.	AKASH A	E 2213024	YES	A. Akash
25.	ANWAR HUSSAIN S	E 2213025	YES	S. Anwar Hussain
26.	ATCHAYA DEEPAN J	E 2213026	YES	J. Atchaya Deepan
27.	AYYAPPAN B	E 2213027	YES	B. Ayyappan
28.	BHAVADHARINI L	E 2213028	YES	L. Bhavadharini
29.	DHINESH KUMAR S	E 2213031	Yes	S. Dhinesh Kumar
30.	GULZAR AHAMED B	E 2213032	Yes	B. Gulzar Ahamed

S.No.	Name of the Student	Roll No.	WILLINGNESS	SIGNATURE
31.	HARIHARAN L	E 2213033	Yes	L. Hariharan
32.	JOSWARAJAN J	E 2213035	Yes	J. Joswarajan
33.	KEERTHI KUMAR S	E 2213036	Yes	S. Keerthi
34.	KESAVAN B	E 2213037	Yes	B. Kesavan
35.	KUMARAN A	E 2213038	Yes	A. Kumaran
36.	MOHAMED A	E 2213040	Yes	Mohamed A.
37.	MOHAMED IRFAN S	E 2213042	Yes	S. Mohamed Irfan
38.	MOHAMED PARVESH M	E 2213043		
39.	MOHAMED SIKKANDAR A	E 2213044	Yes	A. Mohammedi
40.	MOHAMMED HUSSAIN A	E 2213041	YES	A. Hussain
41.	POORANI P	E 2213046	Yes	P. Poorani
42.	PRAVEEN KUMAR R	E 2213047	YES	R. Praveen
43.	RAGUNATHAN U	E 2213048	YES	U. Ragunathan
44.	RAJASEKAR L	E 2213049	YES	L. Rajasekar
45.	RAMKUMAR G	E 2213050	Yes	G. Ramkumar
46.	SANGAVI M	E 2213051	-	-
47.	SARAVANAKUMAR A	E 2213052	Yes	A. Saravanan
48.	SHAIKH MAJID SELVA MOHAMED S	E 2213054	Yes	S. Sheikh Majid Selva
49.	SHAIK SALMAN S	E 2213055	Yes	S. Shaik Salman
50.	SHEIK DAWOOD S	E 2213056	Yes	S. Sheikh Dawood
51.	SHIFAETH ALI S	E 2213057	Yes	S. Shifaeth Ali
52.	SIVASANKAR K	E 2213058	Yes	K. Sivasankar
53.	STEEPHAN T	E 2213059	YES	T. Steephann
54.	SURIYA T	E 2213060	YES	T. Suriya
55.	SURIYA PRAKASH B	E 2213061	Yes	B. Suriya Prakash
56.	UBAYATHULLA A S	E 2213062		
57.	VEERAMANIKANDAN G	E 2213063	YES	G. Veeramani
58.	DINESH. S	E 3193064	YES	S. Dinesh

A. J. J.
PRINCIPAL

III YEAR

S.No.	Name of the Student	Roll No.	WILLINGNESS	SIGNATURE
59.	ALLWIN ALBERT J	E1213001	YES	J. Allwin Albert
60.	ANBUSELVAN S	E1213002		
61.	HANAS SHEIK ABDULLAH Q	E1213003	YES	H. Sheik
62.	JAGADEESWARAN M	E1213004	YES	M. Jagadeeswaran
63.	KARTHIKAYAN S	E1213006	YES	S. Karthikeyan
64.	MOHAMED AQIL R	E1213007	YES	R. Aqil
65.	MOHAMED HASAN J	E1213008	Yes	J. Hasan
66.	MOHAMED JAMEEL M	E1213009	YES	M. Jameel
67.	MOHAMED NEWSATH ALI A	E1213010	YES	A. Newsath
68.	MOHAMED RIZVAN MY	E1213011	YES	M. Rizvan
69.	NELSON E	E1213012	Yes	E. Nelson
70.	NISHVANTH S	E1213013	YES	S. Nishvanth
71.	PONVASANTHU S	E1213014	YES	S. Ponvasanthu
72.	RAMYA DHARSHINI.N	E1213015	Yes	N. Ramya
73.	RANJANI R	E1213016	yes	R. Ranjani
74.	REVATHI S	E1213017	YES	S. Revathi
75.	SENTHAMILSELVAN S	E1213018	Yes.	S. Senthamilselvan
76.	SEVAKRAJ P	E1213019	YES	P. Sevakraj
77.	SRIDHAR M	E1213020	YES	M. Sridhar
78.	VASITH RAHUMAN M	E1213021	YES	M. Vasithrahuman
79.	VIGNESHWARAN T	E1213022	YES	T. Vigneshwaran
80.	ABDUL JABBAR A	E2223023	YES	A. Jabbar
81.	ABDULSIDDIQ S	E2223024	YES	S. Abdulsiddiq
82.	ABUSHEIK K	E2223025	YES	K. Abusheik
83.	ASIFMOHAMED R	E2223026	YES	R. Asif Mohamed
84.	GOWTHAM M	E2223027	Yes	M. Gowtham



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S.No.	Name of the Student	Roll No.	WILLINGNESS	SIGNATURE
85.	JANARTHANAN G	E2223028	YES	Janarthan
86.	KALINGESWARI P	E2223029	Yes	P. Kalingeswari
87.	KARTHIKEYAN MS	E2223030	YES	M.S. Karthikeyan
88.	LAWRENCE G	E2223031	yes	G. Lawrence
89.	MOHAMED FAIYAZ J	E2223032	YES	J. Mohamed Faiyaz
90.	MOHAMEDRASATH S	E2223033	YES	S. Mohamed Rasath
91.	MOHAMED YOUSUF M	E2223034	YES	M. Mohamed Yousof
92.	MUTHAMILAN T	E2223035	Yes	T. Muthamilan
93.	PRAVEEN T	E2223036	YES	T. Praveen

A. S. J.
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Value Added Course Report

Academic year 2023-2024 (Odd Semester)

Value added course on "INNOVATIVE PROJECTS USING ARDUINO AND RASPBERRYPI" have been conducted for department of Electrical and Electronics Engineering IV and III year students during September 2023 to October 2023. All the students learn the concept of the courses. Effectiveness of the Value added courses were found good and well utilized. Student's feedback was found good and appreciated for the efforts made. Course and evaluation details of the courses have been given below.

Details of the course

S.No	Year	Title of the Course	Number of Students Enrolled	Period of the Course	Timings	Total no of sessions Handled	Course Coordinator(s)
1	IV,III YEAR	INNOVATIVE PROJECTS USING ARDUINO AND RASPBERRYPI	93	06.09.23 to 27.10.23	05.15 PM TO 06.15 PM	30	J.SHERRIN BANU

Exam Details

S.No	Date of Examination	Duration	Attendance details		No of students Categorized Based on their Performance			
			Present	Absent	A (86-100)	B (66-85)	C (50-65)	D <50
1	30.10.2023	1 Hours	93	-	48	26	19	-

J. Sherrin Banu
 Course Coordinator

J. Sherrin Banu
 HOD/EEE 2/11/23

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Date: 09.10.2023

To,

The Principal,
M.I.E.T Engineering College,
Trichy - 620007.

Respected Sir,

Sub: Permission to conduct the value added course - Reg

We have planned to conduct the value added course for our department students from
16.10.2023 to 19.10.2023. Total No of hours:32

Name of the Value Added Course	Course Coordinator	Resource Persons
Advancements in Electrical Engineering	Mrs.T.Jayanthi., AP/EEE.	1.K.Seetharaman, Senior Tech Engineer/LiveWire. 2.R.Devika/Embedded Engineer/Live Wire. 3.M.Gnana Sekar/Business Development Executive/Live wire. 4.A.Syed Khasas/Cyber security Analyst/Live wire.

Time: 09.15 AM - 04.00 PM

So kindly grant me permission to conduct the course successfully.


Course Coordinator

(JAYANTHI
AP/EEE)


HoD/EEE


Principal


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1010.2023

CIRCULAR

Sub: Value added course

It is planned to conduct the value added course for the Department of Electrical and Electronics Engineering students .

The value added courses are short term certificate courses which are designed and offered by our Department for the benefit of our students. Course will be conducted at free of cost and based on the performance of the participated students, the merit certificate will be issued after the successful completion of the course.

Students those who are willing to attend the below mentioned course can enroll their name to the course coordinator.

Name of the Value Added Course	Course Coordinator
Advancements in Electrical Engineering	Mrs.T.Jayanthi., AP/EEE.,
Commencement of course from 16.10.23 to 19.10.23 Time: 09.15 AM – 04.00 PM	


Course Coordinator

JAYANTHI T

AP/EEE


IQAC Coordinator


HoD/EEE


Principal


PRINCIPAL

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GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T ENGINEERING COLLEGE, TRICHY – 7.
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course

Course Syllabus

Name of the course: Advancements in Electrical Engineering

Course Coordinator: Mrs.T.JayanthiAP/EEE.,

Total Hours: 32

Academic Year: 2023-2024

Objective of the course : The student will be able

- To learn the basics of EV and vehicle mechanics.
- To know about the EV architecture.
- To study the energy storage system concepts.
- To understand the concept of Hacking and its types.
- To learn about of Robotics and its applications.

Unit I – Introduction

Electric Vehicle History, and Evolution of Electric Vehicles-Renewable energy sources-standards of air quality-Energy consumption of a vehicle-Drive cycle-energy consumption of a Vehicle-Power to Weight ratio-total energy consumption 7

Unit II –Electric Vehicle Design

Power train-Finite Element Method-Magnetics-Hybrid Electrical Vehicles-Parallel Hybrid-Series Hybrid operating Modes-Combined Hybrid Vehicles. 7

Unit III --Electric Vehicles Batteries

Types -Lithium-ion Battery, - Lead Acid Battery - Nickel-Cadmium Battery - Nickel-Metal-Hydride (NiMH) Battery -Battery Chemistry-Energy Density-Charging Speed- Research and Development for Advanced Batteries -Lifecycle and Durability-Thermal Management-Safety Features-Cost Reduction-Solid-State Batteries. 6

Unit IV –Hacking

Types of Hacking -Hacking Phases-Vulnerability assessment Methodology-Foot Printing and Reconnaissance-Network scanning-types of scanning -N Map-Enumeration-Types. 6

Unit V –Robotics

Introduction –Mechanical Design-Robotics technology-Sensors and perception-Motion planning-types of robots-Applications. 6

Course Outcome

Upon completion of course ,students will be able to

- Summarize the History and Evolution of EVs and describe about the fundamentals of EV
- Explain the concepts related with batteries and parameters of battery.
- Describe the concepts related with the Hybrid Electric Vehicles.
- Understand about Hacking and safeguarding digital systems and data.
- Able to understand the concept of robotics and its designs.


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TEXT BOOKS:

1. Iqbal Husain, "Electric and Hybrid Vehicles-Design Fundamentals", CRC Press,2003
2. Mehrdad Ehsani, "Modern Electric, Hybrid Electric and Fuel Cell Vehicles", CRC Press,2005.
3. Patrick Engebretson "The Basics of Hacking and Penetration Testing" 2nd edition, Syngress.
4. Khushdeep Goyal" Automation and Robotics" S.K. Kataria & Sons.

REFERENCES:

1. James Larminie and John Lowry, "Electric Vehicle Technology Explained " John Wiley & Sons,2003.
2. Lino Guzzella, " Vehicle Propulsion System" Springer Publications,2005.
3. Abraham K. White "Hacking: The Underground Guide to Computer Hacking" Create space Independent Pub.
4. John J. Craig "Introduction to Robotics Mechanics and Control" Third Edition, Pearson Education International.


Course Coordinator

(JAYANTHI.T
AP (EEE))


IQAC Coordinator


HoD/EEE


Principal


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M.I.E.T ENGINEERING COLLEGE, TRICHY – 7.
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course

Course Delivery

Name of the Course: **Advancements in Electrical Engineering**

Course Coordinator: **Mrs.T.Jayanthi AP/EEE.,**

Total Hours: **32**

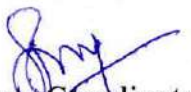
Academic Year: **2023-2024**

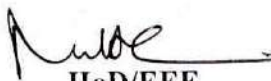
Sl.No	Topics to be Covered	Hours	Date of Delivery
1.	Electric Vehicle History, and Evolution of Electric Vehicles	1	16.10.23
2.	Renewable Energy Sources	2	16.10.23
3.	Standards of air quality	3	16.10.23
4.	Energy consumption of a vehicle	4	16.10.23
5.	Drive cycle, energy consumption of a EV	5	16.10.23
6.	Power to Weight ratio	6	16.10.23
7.	Total Energy consumption	7	16.10.23
8.	Power train	8	16.10.23
9.	Finite Element Method	9	17.10.23
10.	Magnetics	10	17.10.23
11.	Hybrid Electrical Vehicles	11	17.10.23
12.	Parallel Hybrid operating modes	12	17.10.23
13.	Series Hybrid operating Modes	13	17.10.23
14.	Combined Hybrid Vehicles	14	17.10.23
15.	Types:Lithium-Ion, Lead Acid Battery Nickel-Cadmium Battery	15	17.10.23
16.	Types:Nickel-Metal-Hydride (NiMH) Battery	16	17.10.23
17.	Battery Chemistry,Energy Density	17	18.10.23
18.	Charging Speed, Research and Development for Advanced Batteries	18	18.10.23
19.	Lifecycle and Durability, Thermal Management, Safety Features	19	18.10.23
20.	Cost Reduction-Solid-State Batteries	20	18.10.23
21.	Types of Hacking -Hacking Phases	21	18.10.23


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Sl.No	Topics to be Covered	Hours	Date of Delivery
22	Vulnerability Assessment Methodology	22	18.10.23
23	Foot Printing and Reconnaissance	23	18.10.23
24	Network scanning and types of scanning	24	18.10.23
25	N Map	25	19.10.23
26	Enumeration-Types	26	19.10.23
27	Introduction-Mechanical Design of Robotics	27	19.10.23
28	Robotics technology	28	19.10.23
29	Sensors and perception	29	19.10.23
30	Motion planning in Robotics	30	19.10.23
31	Types of robots	31	19.10.23
32	Applications of Robotics	32	19.10.23


 Course Coordinator
 (JAYANANDHI
 AP(EEE))


 HoD/EEE


 Principal


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Annexure - I

M.I.E.T. EDUCATIONAL INSTITUTIONS, TIRUCHIRAPPALLI - 620 007

Requisition for Booking

Conference Hall / Seminar Hall / Auditorium / Training & Placement Cell/ EEE Seminar Hall

From T-Jayanthi AP/EEE, E122302		To The Electrical Supervisor M.I.E.T. Engineering College Tiruchirappalli - 07	
Requested by:		Engineering College/Arts and Science College/Polytechnic College	
Requisition Date: 19.10.23 Time: 11.00AM		Required: Date: 17.10.23 to 19.10.23 Time: 11.00AM	
Name of the Programmes/Meeting Value Added Course			
Number of Participant 95			
A/C Required <input checked="" type="checkbox"/>		Yes / No <input checked="" type="checkbox"/>	
Organizing Department EEE.		Recommendation by the Principal	
Signature 		Signature 19/10/23 	
Taken-over by		Received by	
Signature Requesting Department		Signature of the Custodian	

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Trichy - Pudukkottai Road, Tiruchirappalli - 620 007. Phone: 0431-2669 305
Website: www.miet.edu. E-mail: principalangg@miet.edu, contact@miet.edu



Department of Electrical and Electronics Engineering

Attendance sheet for four days value added course

Academic Year 2023-2024

Semester: VII

Year: IV

S.No	Roll No.	Reg. No	Name of the Student	Signature
1.	E1203001	812420105001	ABDUL JAMEES J	J. Abdul Jamees
2.	E1203002	812420105002	ABDULRAHMAN B	AB
3.	E1203003	812420105003	ANUSUYA K	K. Anusuya
4.	E1203004	812420105004	ARSHATH MOHAMED P	P. Arshath Mohamed
5.	E1203005	812420105005	JULIECLINTA J	J. Julieclinta
6.	E1203006	812420105006	LAKSHMI V	V. Lakshmi
7.	E1203007	812420105007	MANOJ R	R. Manoj
8.	E1203008	812420105008	MOHAMED HANY N	N. Mohamed Hany
9.	E1203009	812420105010	MOHAMED MUKTHAR R	R. Mohamed Mukthar
10.	E1203010	812420105009	MOHAMED ISMAIL.D	D. Mohamed Ismail
11.	E1203011	812420105011	NIVEDHA K	K. Nivedha
12.	E1203012	812420105012	PRABAKARAN V	V. Prabakaran
13.	E1203013	812420105013	RAJASRI R	R. Rajasri
14.	E1203014	812420105014	SAADIQ ALI M.S	M.S. Saadiq Ali
15.	E1203015	812420105015	SRIRAMKUMAR.R	R. Sriram Kumar
16.	E1203016	812420105016	SYEEDKHAN A	A. Syeed Khan
17.	E1203017	812420105017	THIRUMURUGAN S	S. Thirumurugan
18.	E1203018	812420105018	VARSHINI V	AB
19.	E1203019	812420105019	VIGNESHWARAN M	M. Vigneshwaran
20.	E1203020	812420105020	YUVASHRI G	G. Yuvashri
21.	E2213021	812420105301	AABITH HUSSAIN J	J. Aabith Hussain
22.	E2213022	812420105302	ABISHEGAN D	D. Abishegan
23.	E2213023	812420105303	ABIVARSHAN R	R. Abivarsan



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Website: www.miet.edu. E-mail: principalengg@miet.edu, contact@miet.edu



S.No	Roll No.	Reg. No	Name of the Student	Signature
24.	E2213024	812420105304	AKASH A	
25.	E2213025	812420105305	ANWAR HUSSAIN S	
26.	E2213026	812420105306	ATCHAYA DEEPAN J	
27.	E2213027	812420105307	AYYAPPAN B	
28.	E2213028	812420105308	BHAVADHARINI L	
29.	E2213031	812420105311	DHINESH KUMAR S	
30.	E2213032	812420105312	GULZAR AHAMED B	
31.	E2213033	812420105313	HARIHARAN L	
32.	E2213035	812420105315	JOSWARAJAN J	
33.	E2213036	812420105316	KEERTHI KUMAR S	
34.	E2213037	812420105317	KESAVAN B	
35.	E2213038	812420105318	KUMARAN A	
36.	E2213040	812420105320	MOHAMED A	
37.	E2213041	812420105321	MOHAMED HUSSAIN A	
38.	E2213042	812420105322	MOHAMED IRFAN S	
39.	E2213043	812420105323	MOHAMED PARVESH	
40.	E2213044	812420105324	MOHAMED SIKKANDAR A	
41.	E2213046	812420105325	POORANI P	
42.	E2213047	812420105326	PRAVEEN KUMAR R	
43.	E2213048	812420105327	RAGUNATHAN U	
44.	E2213049	812420105328	RAJASEKAR L	
45.	E2213050	812420105329	RAM KUMAR G	
46.	E2213051	812420105330	SANGAVI M	
47.	E2213052	812420105331	SARAVANAKUMAR A	
48.	E2213054	812420105334	SHAIK MAJID S	



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S.No	Roll No.	Reg. No	Name of the Student	Signature
49.	E2213055	812420105335	SHAIKSALMAN S	<i>S. Shaik Salman</i>
50.	E2213056	812420105336	SHEIK DAWOOD S	<i>S. Sheik</i>
51.	E2213057	812420105337	SHIFAETH ALI S	AB
52.	E2213058	812420105338	SIVASANKAR K	<i>K. Sivasankar</i>
53.	E2213059	812420105339	STEPHAN T	<i>T. Stephan</i>
54.	E2213060	812420105340	SURIYA T	<i>S. Suriya</i>
55.	E2213061	812420105341	SURIYA PRAKASH B	AB
56.	E2213062	812420105342	UBAYATHULLA AS	<i>A. Ubayathulla</i>
57.	E2213063	812420105343	VEERAMANIKANDAN G	<i>G. Veeramanikandan</i>
58.	E3193064	812420105501	DINESH P	<i>P. Dinesh</i>

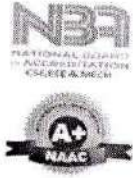
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Department of Electrical and Electronics Engineering

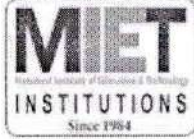
Attendance sheet for four days value added course

Academic Year 2023-2024

Semester: VII

Year: IV

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53.	E2213059	812420105339	STEPHAN T	<i>T. Stephan</i>
54.	E2213060	812420105340	SURIYA T	<i>T. Suriya</i>
55.	E2213061	812420105341	SURIYA PRAKASH B	<i>B. Prakash Suriya</i>
56.	E2213062	812420105342	UBAYATHULLA AS	<i>A. Ubayathulla</i>
57.	E2213063	812420105343	VEERAMANIKANDAN G	<i>AB</i>
58.	E3193064	812420105501	DINESH D.S	<i>D. Dinesh</i>

A. D. S.
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Attendance sheet for four days value added course

ACADEMIC YEAR (2023-2024)

SEMESTER:III

YEAR:II

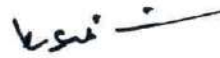
S.No.	RollNo	Students' Name	Signature
1	E1223001	ALPARVESHIBRAHIM	AB
2	E1223002	ANSHARIBASHA S	S. Anshari Basha
3	E1223003	BASKAR N	BASKAR N
4	E1223004	DHANUSH B	B. Dhanush
5	E1223005	HARISHKUMAR M	Harish Kumar M.
6	E1223006	KAILASHKUMAR V	AB
7	E1223007	KALATHARASAN V	AB
8	E1223008	KAMALUDEEN AHAMED H	Kamaledeen H.
9	E1223009	MANIKANDAN R	AB
10	E1223010	MOHAMED BARVIS A	Mohamed Barvis A.
11	E1223012	MOHAMMEDZAIIDH F	Mohammed Zaid F.
12	E1223013	NAVIN P	P. Navin
13	E1223014	PABITHA S	S. Pabitha
14	E1223015	PRADEESH R	R. Pradeesh
15	E1223016	PRAGATHISWARAN P	
16	E1223017	SANTHIYA R	P. Santhiya
17	E1223018	SATHIK MANZOOR S	S. Sathik
18	E1223019	SHEIK ABDULLAH S	S. Sheikh Abdullah
19	E1223020	SIVA V	V. Siva
20	E1223021	SUBHASHREE A	Subashree
21	E1223022	SURENDRAN B	AB
22	E1223023	SYED EMADHU DEEN M	M. Syed Emadhu Deen
23	E1223024	SYED IMRAN S N	Syed Imran S.N
24	E1223025	USHALINI R	R. Ushalini
25	LE1	RANJITH KUMAR A	
26	LE2	MONICA A	A. Monica
27	LE3	ROGAN PRASATHM Y	M.V. Rogan Prathm

CERTIFICATE OF MERIT

This is certify that Mr / Ms *M. Mohamed Parvesh*

has participated in *Advancements in Electrical Engg.*

Workshop held on *16/10/2023* to *19/10/2023*



General Manager



Co-ordinator



d



PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.



CERTIFICATE OF MERIT

This is certify that Mr / Ms *S. Shaik Sakman*
has participated in *Advancements in Electrical Engg*
Workshop held on *16/10/2023 to 19/10/2023*

[Signature]
General Manager

[Signature]
Co-ordinator



d

[Signature]
PRINCIPAL



M.I.E.T. ENGINEERING COLLEGE
GUNDUR, TIRUCHIRAPALLI - 620 007.

CERTIFICATE OF MERIT

This is certify that Mr / Ms ...*S. Dhivesh Kumar*.....

has participated in *Advancements in Electrical Engg.*

Workshop held on *16/10/2023 to 19/10/2023*

[Signature]

General Manager

[Signature]

Co-ordinator



d

[Signature]
PRINCIPAL



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