



SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE EVENT REPORT

Name of the Course : ELECTRICAL SAFETY AND QUALITY ASSURANCE

Name of the Instructor: Ms. V. S. Veena, Asst Prof, SP CET.

Year and Branch: II,III,IV & ME-PED- ELECTRICAL AND ELECTRONICS ENGINEERING

Duration of Course: 32 Hrs (06.02.2023 to 11.02.2023)

SUMMARY OF THE EVENT:

The Course was inaugurated on 06.02.2023 at 8.30 am by our respectable Principal and HOD. As per the Course plan session was started and went smooth for the Remaining days. On the last day 11.02.2023 by 2.30 Pm the course was Completed Successfully.

During the Six Days of the program Students were participated with enthusiasm and they finally gained Knowledge on “Electrical Safety and Quality Assurance”

ASSESSMENT MODE:

No of Students Enrolled: 78

Scheme of Exam: Offline

No of Students appeared: 78

No of Students Passed: 78

Date of Exam: 11.02.2023

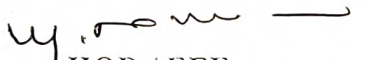
OUTCOME:

The students can apply Electrical Safety and Quality Assurance. They can able to apply recent trends on different safety measurements to enhance Human values. To gain Knowledge of overview in industry 4.0. To gain Knowledge of how to handle proper guidelines while using IS, NFPA, API and OSHA standards.


COORDINATOR

(Mrs. S. Geetha)




HOD / EEE

(Mr. M. Namachivayam)


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Thirupachur, Thiruvallur - 631 203

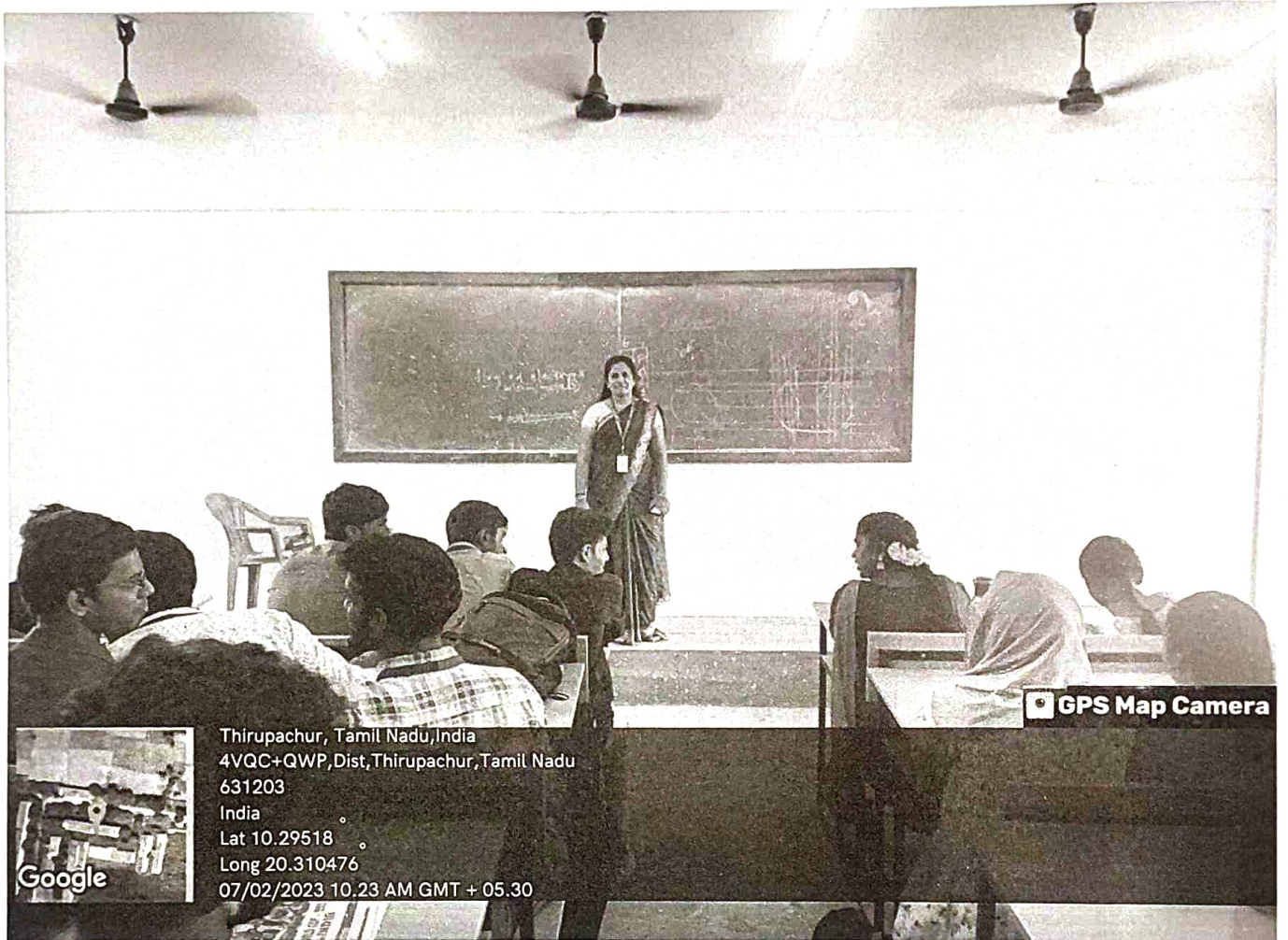


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22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE



Thirupachur, Tamil Nadu, India
4VQC+QWP, Dist, Thirupachur, Tamil Nadu
631203
India
Lat 10.29518
Long 20.310476
07/02/2023 10.23 AM GMT + 05.30

**Value Added Course on “Industrial Automation using PLC and SCADA” Handled by
Dr. M. Sivasubramanian, Associate Professor /EEE/ SVCET and Mrs. S. Geetha Assistant
Professor /EEE/SVCET.**




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REQUEST LETTER

From

Mr. M. Namachivayam
HOD /EEE
SVCET
Thirupachur.

Permitted
Dr. S. Palani

To,

The Principal
SVCET
Thirupachur

Respected sir,

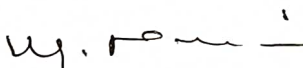
Sub: Requesting permission to conduct a 6 Days value added course –Reg

As the Head of **Electrical and Electronics Engineering** Department, I would like to request your support and permission to conduct Training Program on “**Electrical Safety and Quality Assurance**” in our department. There is a need that has been identified of keeping the students up to date with the new technologies. Most students would not have knowledge on this area which is not our available in our curriculum. So, there is need for this program to challenge the industry opportunities.


The dates for the Training program have been fixed. The Training will start on 06.02.2023 and end on 11.02.2023 (32Hrs). Will be handled by Ms. V. S. Veena, Assistant Professor, St. Peter’s College of Engineering and Technology.

I kindly request your assistance in providing Tea and snack for the participants (students). Please find the attached Invitation, circular to students, and a presentation highlighting the key areas that will be focused in the Training program.

Thanking You


HOD /EEE
(Mr. M. Namachivayam)




PRINCIPAL
(Dr. S. Palani)
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23.01.2023

CIRCULAR

The department of Electrical and Electronics Engineering will be conducting value added course on “**Electrical Safety and Quality Assurance**” from 06.02.2023 to 11.02.2023 (32 Hrs). it is proposed to keep the students up to date with the new technologies.

All the students are requested to participate actively, certificate will be provided for the enrolled Participants.

All the interested candidates should enroll their names to Mrs. Rajalakshmi, Associate Professor, Department of Electrical and Electronics Engineering on or before 01.02.2023.

HOD /EEE
(Mr. M. Namachivayam)



PRINCIPAL
(Dr. S. Palani)

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
"ELECTRICAL SAFETY AND QUALITY ASSURANCE"**

Date : 06.02.2023 - 11.02.2023

RESOURCE PERSON

**1. Ms. V.S. Veena/Asst Prof/ St.Peter's
College of Eng and Tech**

Mr. M. Namachivayam

HOD / EEE



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Dr.S. Palani

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RESOURCE PERSON PROFILE

Resource person:1

Name : Ms. V. S. Veena
Designation : Assistant Professor
Department : EEE
Organization : St. Peter's College of Engineering and Technology
Phone Number : 9791248790
Email.ID : veenavs20@gmail.com
Qualification : ME
Experience : 7 years




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22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE COURSE CONTENT

OBJECTIVES

- The course on electrical safety and quality assurance is to provide electrical protection and maintenance in a working environment while ensuring electrical safety.
- The primary objective of ESQA is to provide electrical protection and maintenance in the working environment, ensuring safety.
- It aims to prevent accidents, fires, and other hazards related to electrical systems.

MODULE-I STANDARDS NATIONAL ELECTRICAL SAFETY CODE

National electrical Safety code - Standards and statutory requirements - Indian electricity acts and rules.

MODULE-II REQUIREMENTS NATIONAL ELECTRICAL SAFETY CODE

Statutory requirements from Electrical inspectorate. Hazardous area classification and classification of electrical equipment's for hazardous areas (IS, NFPA, API and OSHA standards).

MODULE-III ELECTRICAL PROTECTION

Selection of Environment, Protection and Interlock - Discharge rods and earthing device - Safety in the use of portable tools.

MODULE-IV ELECTRICAL MAINTENANCE

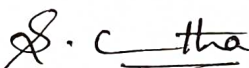
Safety in the use of portable tools - Preventive maintenance. First aid-cardio pulmonary resuscitation (CPR), Electrical Safety Analyser (ESA).

MODULE-V STANDARDIZATION OF QUALITY MEDICAL CARE IN HOSPITALS

Define Quality- Need for Standardization & Quality Management, QM in Health Care Organization-Quality assurance methods, QA in (Medical Imaging & Nuclear medicine) Diagnostic services - Classification of equipment.

OUTCOMES:

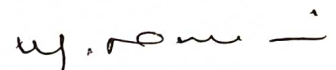
- Understanding the basic concepts of Electrical safety and quality assurance.
- Analyzing the electrical standards
- Creating knowledge how to handle proper guidelines while using IS, NFPA, API and OSHA standards



COORDINATOR

(Mrs. S. Geetha)





HOD /EEE

(Mr. M. Namachivayam)

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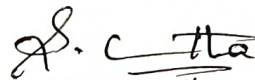
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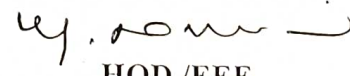
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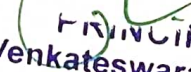
22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE COURSE SCHEDULE

6 Days Training Schedule – ELECTRICAL SAFETY AND QUALITY ASSURANCE			
Day & Date	Session & Time	Speaker Name	Session Topics
Day 1 & 06.02.2023	8.30 am to 10.30am	Ms. V. S. Veena, Asst Prof, SPCET.	Standards and statutory requirements
	10.45 am to 12.45 pm	Ms. V. S. Veena, Asst Prof, SPCET	Indian electricity acts and rules.
	1.30 pm to 3.30pm	Ms. V. S. Veena, Asst Prof, SPCET	Statutory requirements from Electrical inspectorate
Day 2 & 07.02.2023	8.30 am to 10.30am	Ms. V. S. Veena, Asst Prof, SPCET	Hazardous area classification
	10.45 am to 12.45 pm	Ms. V. S. Veena, Asst Prof, SPCET	classification of electrical equipment's for hazardous areas (IS, NFPA, API and OSHA standards).
	1.30 pm to 3.30pm	Ms. V. S. Veena, Asst Prof, SPCET	Selection of Environment, Protection and Interlock
Day 3 & 08.02.2023	8.30 am to 10.30am	Ms. V. S. Veena, Asst Prof, SPCET	Discharge rods and earthing device
	10.45 am to 12.45 pm	Ms. V. S. Veena, Asst Prof, SPCET	Safety in the use of portable tools
	1.30 pm to 3.30pm	Ms. V. S. Veena, Asst Prof, SPCET	Safety in the use of portable tools
Day 4 & 09.02.2023	8.30 am to 10.30am	Ms. V. S. Veena, Asst Prof, SPCET	Preventive maintenance
	10.45 am to 12.45 pm	Ms. V. S. Veena, Asst Prof, SPCET	First aid-cardio pulmonary resuscitation (CPR), Electrical Safety Analyser (ESA).
Day 5 & 10.02.2023	8.30 am to 10.30am	Ms. V. S. Veena, Asst Prof, SPCET	Define Quality- Need for Standardization & Quality Management
	10.45 am to 12.45 pm	Ms. V. S. Veena, Asst Prof, SPCET	QM in Health Care Organization
	1.30 pm to 2.30pm	Ms. V. S. Veena, Asst Prof, SPCET	Quality assurance methods, Diagnostic services - Classification of equipment.
Day 6 & 11.02.2023	8.30 am to 10.30am	Ms. V. S. Veena, Asst Prof, SPCET	QA in (Medical Imaging & Nuclear medicine)
	10.45 am to 12.45 pm	Ms. V. S. Veena, Asst Prof, SPCET	Classification of equipment & Test
	1.30 pm to 2.30pm	Ms. V. S. Veena, Asst Prof, SPCET	


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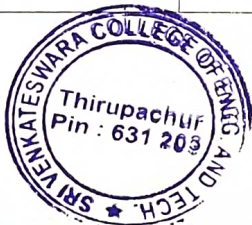
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22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE

Course Code	22EEEVAC02
Name of the Course	ELECTRICAL SAFETY AND QUALITY ASSURANCE
Duration of the Course	32 HOURS
Academic Year	2022-23
Period of the Course	06.02.2023-11.02.2023

LIST OF STUDENTS ENROLLED

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
1	II	112421105002	DILLIRANI. S	DilliRani.
2	II	112421105003	PAVAN. V	Pavan. V
3	II	112421105004	PRAKASHRAJ. M	Prakashraj.M
4	II	112421105005	RAGUL. S	Ragul. S
5	II	112421105007	SANGEETHA. V	Sangeetha
6	II	112421105301	ABISHEK. M	Abishkek.
7	II	112421105302	AKASH.B	Akash. B
8	II	112421105303	AKASH.M	Akash.M
9	II	112421105304	ANITHA. L	Anitha.
10	II	112421105305	ARAVIND.S	Aravind.
11	II	112421105306	ARUL VINOTH. T	Arulvinoth
12	II	112421105307	ARUN. B	Arun. B
13	II	112421105308	ARUNKUMAR.A	Arunkumar.
14	II	112421105309	ASHWINKUMAR. M	Ashwinkumar. M



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
15	II	112421105310	BALAJI. M	Balaji. M
16	II	112421105311	BALAJI. V	Balaji. V
17	II	112421105312	BANUCHANDAR. B	Banuchandar. B
18	II	112421105313	CHRIS WILLIAM. V	Chris William. V
19	II	112421105318	FRANKLIN GODSON. M	Franklin Godson. M
20	II	112421105319	GANESHKUMAR. H	Ganesh Kumar. H
21	III	112420105001	PRAVEEN KUMAR. B	Praveen Kumar. B
22	III	112420105002	PRAVEEN KUMAR. S	Praveen Kumar. S
23	III	112420105003	SHRIHARI. T	Shrihari. T
24	III	112420105004	SIVAKUMAR.	Sivakumar.
25	III	112420105005	VENKATESAN. V	Venkatesan. V
26	III	112420105301	AADHIVALAVAN. K.S.	Aadhivalavan. K.S.
27	III	112420105302	ABIYOUTH. E	Abiyouth. E
28	III	112420105303	AJITH. D	Ajith. D
29	III	112420105304	AJITH. R	Ajith. R
30	III	112420105306	AKASH. R	Akash. R
31	III	112420105308	BALAJI. V	Balaji. V
32	III	112420105309	BHARATHI. K	Bharathi. K
33	III	112420105310	CHANDRU. A.T.	Chandru. A.T.
34	III	112420105311	CHANTI. G	Chanti. G
35	III	112420105312	CHELLAPPAN. V	Chellappan. V
36	III	112420105313	DHANRAJ. V	Dhanraj. V
37	III	112420105315	DINESH. M	Dinesh. M



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
38	III	112420105316	DINESHSARAN.A	Dinesh Saran .A
39	III	112420105317	DIVAKAR.G	Divakar .G
40	III	112420105318	EZHILRAJ.B	Ezhilraj .B
41	IV	112419105001	BALAJI M	Balaji .M
42	IV	112419105002	HARISHKUMARAN A	Harish Kumaran
43	IV	112419105004	PRAVEENKUMAR D	Praveen Kumar D
44	IV	112419105005	PREMAVATHI C	Prema Vathi
45	IV	112419105006	RAKESHKUMAR J	Rakesh Kumar .J
46	IV	112419105007	SNEHA N	Sheha .N
47	IV	112419105008	SONIYA K	Soniya .K
48	IV	112419105009	SRIDEVI K	Sridevi .K
49	IV	112419105010	SUNILKUMAR B	Sunil Kumar .B
50	IV	112419105011	THULASIRAMAN B	Thulasiraman .B
51	IV	112419105302	DEVANATHAN R	Devanathan .R
52	IV	112419105303	GURUMOORTHY R	Gurumoorthy .R
53	IV	112419105304	JOTHIRAJAN T	Jothirajan .T
54	IV	112419105305	KALANITHI R	Kalanithi .R
55	IV	112419105306	NARESHKUMAR V	Naresh Kumar .V
56	IV	112419105307	PARTHIBAN S	S. Parthiban
57	IV	112419105308	PRADEEPPRAJ R	Pradeepraj .R
58	IV	112419105309	RAMAMOORTHY L	Ramamoorthy
59	IV	112419105310	SANTHOSH R	Santhosh .R
60	IV	112419105311	SURENDHAR A	Surendhar .A



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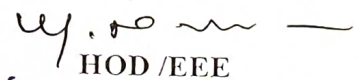
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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	SIGNATURE
61	ME-PED I	112422415001	MATHIYAZAGAN.G	Mathiyazagan
62	ME-PED I	112422415002	SAKTHIVEL.S	Sakthivel.S
63	ME-PED I	112422415004	SUGADEVAN.R	Sugadevan.R
64	ME-PED II	112421415001	ARUL RAJA T	Arul Raja.T
65	ME-PED II	112421415002	DHANANCHEZHIAN P	Dhanan
66	ME-PED II	112421415003	ELAIYARASAN E	Elaiyarasan
67	ME-PED II	112421415005	KUBENDRI V	Kubendri.V
68	ME-PED II	112421415006	LAKSHMI N	Lakshmi
69	ME-PED II	112421415008	PARTHIMA B	Parthima.B
70	ME-PED II	112421415009	PAUL STEPHEN S	Paul Stephen.S
71	ME-PED II	112421415010	RAJAVENI M	Raja
72	ME-PED II	112421415011	RAMYA J C	Ramya.
73	ME-PED II	112421415012	RANJANI M R	Ranjani
74	ME-PED II	112421415014	SANGEETHA PRIYA R	Sangeetha Priya.R
75	ME-PED II	112421415015	SARATH KUMAR E	Sarathkumar
76	ME-PED II	112421415016	SATHISH M	Sathish
77	ME-PED II	112421415017	SWETHA A	Swetha.A
78	ME-PED II	112421415018	VIJAYA KUMAR V	Vijaya Kumar




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ATTENDANCE

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	06.02.23		07.02.23		08.02.23		09.02.23		10.02.23		11.02.23		TOTAL HOURS (32)
				6 HOURS		6 HOURS		6 HOURS		4 HOURS		5 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1	II	112421105002	DILLIRANI. S	Dilli	Rani	Dilli	Rani	Dilli	Rani	Dilli	Rani	Dilli	Rani	Dilli	Rani	32
2	II	112421105003	PAVAN. V	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	Pavan	32
3	II	112421105004	PRAKASHRAJ. M	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	Prakash	32
4	II	112421105005	RAGUL. S	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul	Ragul	32
5	II	112421105007	SANGEETHA. V	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	Sangeetha	32
6	II	112421105301	ABISHEK. M	Abish	Abish	Abish	Abish	Abish	Abish	Abish	Abish	Abish	Abish	Abish	Abish	32
7	II	112421105302	AKASH. B	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	32
8	II	112421105303	AKASH. M	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	32
9	II	112421105304	ANITHA. L	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	Anitha	32
10	II	112421105305	ARAVIND. S	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	Aravind	32
11	II	112421105306	ARUL VINOTH. T	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	32
12	II	112421105307	ARUN. B	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	32
13	II	112421105308	ARUNKUMAR. A	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	Arun	32



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				6 HOURS		6 HOURS		6 HOURS		4 HOURS		5 HOURS		5 HOURS		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
14	II	112421105309	ASHWINKUMAR.M	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	Aksh	32
15	II	112421105310	BALAJI.M	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	32
16	II	112421105311	BALAJI.V	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	32
17	II	112421105312	BANUCHANDAR.B	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu	Banu	32
18	II	112421105313	CHRIS WILLIAM.V	Chris	Chris	Chris	Chris	Chris	Chris	Chris	Chris	Chris	Chris	Chris	Chris	32
19	II	112421105318	FRANKLIN GODSON.M	Frank	Frank	Frank	Frank	Frank	Frank	Frank	Frank	Frank	Frank	Frank	Frank	32
20	II	112421105319	GANESHKUMAR.H	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	Ganesh	32
21	III	112420105001	PRAVEEN KUMAR.B	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	32
22	III	112420105002	PRAVEEN KUMAR.S	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	32
23	III	112420105003	SHRIHARI.T	Shari	Shari	Shari	Shari	Shari	Shari	Shari	Shari	Shari	Shari	Shari	Shari	32
24	III	112420105004	SIVAKUMAR.	Siva	Siva	Siva	Siva	Siva	Siva	Siva	Siva	Siva	Siva	Siva	Siva	32
25	III	112420105005	VENKATESAN.V	Venka	Venka	Venka	Venka	Venka	Venka	Venka	Venka	Venka	Venka	Venka	Venka	32
26	III	112420105301	AADHIVALAV AN.K.S.	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	Aadhi	32
27	III	112420105302	ABIYOUTH.E	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	Abi	32
28	III	112420105303	AJITH.D	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	32
29	III	112420105304	AJITH.R	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith	32
30	III	112420105306	AKASH.R	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	Akash	32
31	III	112420105308	BALAJI.V	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	32
32	III	112420105309	BHARATHI.K	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	Bharathi	32
33	III	112420105310	CHANDRU.A.T.	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu	Chandu	32
34	III	112420105311	CHANTI.G	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	Chanti	32



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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
35	III	112420105312	CHELLAPPAN. V	Chell	Chell	Chell	Chell	Chell	Chell	Chell	Chell	Chell	Chell	Chell	Chell	32
36	III	112420105313	DHANRAJ.V	Draj	Draj	Draj	Draj	Draj	Draj	Draj	Draj	Draj	Draj	Draj	Draj	32
37	III	112420105315	DINESH.M	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	32
38	III	112420105316	DINESHSARAN. A	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	Dinesh	32
39	III	112420105317	DIVAKAR.G	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar	Divakar	32
40	III	112420105318	EZHILRAJ.B	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	Ezhil	32
41	IV	112419105001	BALAJI.M	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	Balaji	32
42	IV	112419105002	HARISHKUMAR. A	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	Harish	32
43	IV	112419105004	PRAVEENKUMAR. D	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	32
44	IV	112419105005	PREMAVATHI. C	Prema	Prema	Prema	Prema	Prema	Prema	Prema	Prema	Prema	Prema	Prema	Prema	32
45	IV	112419105006	RAKESHKUMAR. J	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh	32
46	IV	112419105007	SNEHA. N	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	Sneha	32
47	IV	112419105008	SONIYA. K	Soniya	Soniya	Soniya	Soniya	Soniya	Soniya	Soniya	Soniya	Soniya	Soniya	Soniya	Soniya	32
48	IV	112419105009	SRIDEVI. K	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	Sridevi	32
49	IV	112419105010	SUNILKUMAR. B	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	Sunil	32
50	IV	112419105011	THULASIRAM. AN. B	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	Thulasi	32
51	IV	112419105302	DEVANATHAN. R	Devan	Devan	Devan	Devan	Devan	Devan	Devan	Devan	Devan	Devan	Devan	Devan	32
52	IV	112419105303	GURUMOORTHY. R	Gurum	Gurum	Gurum	Gurum	Gurum	Gurum	Gurum	Gurum	Gurum	Gurum	Gurum	Gurum	32
53	IV	112419105304	JOTHIRAJAN. T	Jothy	Jothy	Jothy	Jothy	Jothy	Jothy	Jothy	Jothy	Jothy	Jothy	Jothy	Jothy	32
54	IV	112419105305	KALANITHI. R	Kalan	Kalan	Kalan	Kalan	Kalan	Kalan	Kalan	Kalan	Kalan	Kalan	Kalan	Kalan	32
55	IV	112419105306	NARESHKUMAR. V	Nares	Nares	Nares	Nares	Nares	Nares	Nares	Nares	Nares	Nares	Nares	Nares	32



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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
56	IV	112419105307	PARTHIBAN S	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	32
57	IV	112419105308	PRADEEPRAJ R	Pradep	Pradep	Pradep	Pradep	Pradep	Pradep	Pradep	Pradep	Pradep	Pradep	Pradep	Pradep	32
58	IV	112419105309	RAMAMOORTHY L	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	32
59	IV	112419105310	SANTHOSH R	Santho	Santho	Santho	Santho	Santho	Santho	Santho	Santho	Santho	Santho	Santho	Santho	32
60	IV	112419105311	SURENDHAR A	Sura	Sura	Sura	Sura	Sura	Sura	Sura	Sura	Sura	Sura	Sura	Sura	32
61	ME-PED I	112422415001	MATHIYAZAGAN.G	Mathi	Mathi	Mathi	Mathi	Mathi	Mathi	Mathi	Mathi	Mathi	Mathi	Mathi	Mathi	32
62	ME-PED I	112422415002	SAKTHIVEL.S	Sakti	Skt	Mr	Skt	Skt	Skt	Skt	Skt	Skt	Skt	Skt	Skt	32
63	ME-PED I	112422415004	SUGADDEVAN.R	Sugad	Sugad	Sugad	Sugad	Sugad	Sugad	Sugad	Sugad	Sugad	Sugad	Sugad	Sugad	32
64	ME-PED II	112421415001	ARUL RAJA T.	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	Arul	32
65	ME-PED II	112421415002	DHANANCHEZHIAN P	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	Dhan	32
66	ME-PED II	112421415003	ELAIYARASANE	Elai	Elai	Elai	Elai	Elai	Elai	Elai	Elai	Elai	Elai	Elai	Elai	32
67	ME-PED II	112421415005	KUBENDRI V	Kuba	Kuba	Kuba	Kuba	Kuba	Kuba	Kuba	Kuba	Kuba	Kuba	Kuba	Kuba	32
68	ME-PED II	112421415006	LAKSHMI N	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	Laksh	32
69	ME-PED II	112421415008	PARTHIMA B	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	Parthi	32
70	ME-PED II	112421415009	PAUL STEPHENS	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul	Paul	32
71	ME-PED II	112421415010	RAJAVENI M	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju	32
72	ME-PED II	112421415011	RAMYA J.C	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	Ramya	32
73	ME-PED II	112421415012	RANJANI M R	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	Ranjan	32
74	ME-PED II	112421415014	SANGEETHA PRIYA R	Sangee	Sangee	Sangee	Sangee	Sangee	Sangee	Sangee	Sangee	Sangee	Sangee	Sangee	Sangee	32
75	ME-PED II	112421415015	SARATH KUMAR E	Sarath	Sarath	Sarath	Sarath	Sarath	Sarath	Sarath	Sarath	Sarath	Sarath	Sarath	Sarath	32
76	ME-PED II	112421415016	SATHISH M	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	Sathish	32



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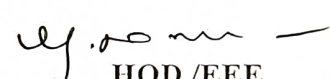
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77	ME-PED II	112421415017	SWETHA A	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	Swetha	32
78	ME-PED II	112421415018	VIJAYA KUMAR V.	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	Vijaya	32


COORDINATOR
(Mrs. S. Geetha)




HOD/EEE
(Mr. M. Namachivayam)


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22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE TEST QUESTIONS

1. ___ use caution when working near electricity.
 - A. Always
 - B. Never
 - C. Rarely
 - D. Sometimes
2. ___ workers have little or no training working on or near electricity.
 - A. Pipeline
 - B. Qualified
 - C. Rescue
 - D. Unqualified
3. Avoid working in ___ conditions.
 - A. Cold
 - B. Dry
 - C. Sunny
 - D. Wet
4. Specially designed PPE for electrical work includes ___ insulating gloves, matting, blankets, and covers.
 - A. Plastic
 - B. Rubber
 - C. Steel
 - D. Wood
5. ___ all electrical equipment before use.
 - A. Clean



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B. Inspect

C. Label

D. Organize

6. Gloves used for electrical protection must be electrically tested every ...

A. 3 months

B. 6 months

C. 12 months

D. Never

7. One of the three generally recognized hazards of electrical work is__.

A. Arc Flash

B. Cuts

C. Falls

D. Concussion

8. A Safety Electrical One Line Diagram should be used to _____ all sources of electrical energy

A. Identify

B. Castigate

C. Evaluate

D. Modify

9. Which step is followed for treating a person from electric shock?

A. Provide water

B. Keep the victim cold

C. Cover the victim with a coat

D. Move the victim to a ventilated place

10. Which factor in _____ the severity of electrical shock?



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A. Very low DC voltage

B. Duration of current passing

C. Level of current in micro ampere

D. Person receives the shock

11. _____ is the flow of electrons around a circuit.

A. Current

B. Electricity

C. Power

D. Voltage

12. Electrical hazards include shock, electrical arcs and blasts, and _____ or faulty equipment.

A. Broken

B. Double-insulated

C. Polished

D. Secure

13. _____ is a measurement of how much energy you are using each second.

A. Distance

B. Power

C. Volume

D. Weight

14. _____ tools are encased in plastic and prevent the user from getting electrocuted if the tool develops a short circuit.

A. Corded

B. Double-insulated

C. Green colored



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D. Grounded

15. One of the main functions of personal protective grounds is to provide a _____ impedance path for a short circuit.

A. High

B. Low

C. Smooth

D. Adequate

16. OSHA requires the testing of a volt meter after a voltage test on voltage above _____.

A. 120v

B. 208v

C. 277v

D. 600v

17. -----gives a stray current somewhere to go and keeps workers from becoming part of the circuit.

A. De-energizing

B. Energizing

C. Grounding

D. Guarding

18. Work performed on an electrical system within reaching distance of energized components is _____ work.

A. Energized

B. Essential

C. Safe

D. Unavoidable

19. The minimum allowable work space around electrical equipment is _____ inches deep.

A. 36

B. 48

C. 24

D. 30



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20. The secondary of a current transformer must never be _____ while energized.

- A. Grounded
- B. Opened
- C. Examined
- D. Shortened

COORDINATOR

(Mrs. S. Geetha)



HOD /EEE

(Mr. M. Namachivayam)

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22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE

FEEDBACK FORM

Student Reg. No. & Name: 112421105007 A Sangeetha.V
Sem & Year: 4th & 2nd

Date: 11.02.2023

Evaluating the following Question

1. This course was interesting

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

2. Was this course useful?

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

3. During the course did you find any technical Difficulties?

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

4. did the instructor delivered the information, you didn't know already

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

5. The Subject matter was presented effectively

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

6. This instructor helped me learn about how the course works in the real world.

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

7. This instructor provided information I can use to be successful in my career.

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree

8. Overall how do you rate the Training Program?

a) Strongly Agree b) Agree c) Moderate d) Disagree e) Strongly Disagree



Sangeetha.V.
Student Signature


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22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE

TEST QUESTIONS

Student Reg. No. & Name: 11242(4)15018 x Vijaya Kumar-V

Sem & Year: 4th & 2nd year

Date: 11.02.2023

1. ___ use caution when working near electricity.

A. Always

B. Never

C. Rarely

D. Sometimes

2. ___ workers have little or no training working on or near electricity

A. Pipeline

B. Qualified

C. Rescue

D. Unqualified

3. Avoid working in ___ conditions.

A. Cold

B. Dry

C. Sunny

D. Wet

4. Specially designed PPE for electrical work includes ___ insulating gloves, matting, blankets, and covers.

A. Plastic

B. Rubber

C. Steel

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20




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- D. Wood
5. ___ all electrical equipment before use.
- A. Clean
- B. Inspect
- C. Label
- D. Organize
6. Gloves used for electrical protection must be electrically tested every ...
- A. 3 months
- B. 6 months
- C. 12 months
- D. Never
7. One of the three generally recognized hazards of electrical work is ___.
- A. Arc Flash
- B. Cuts
- C. Falls
- D. Concussion
8. A Safety Electrical One Line Diagram should be used to _____ all sources of electrical energy
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- B. Castigate
- C. Evaluate
- D. Modify
9. Which step is followed for treating a person from electric shock?
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- C. Cover the victim with a coat
- D. Move the victim to a ventilated place
10. Which factor influences the severity of electrical shock?
- A. Very low DC voltage
- B. Duration of current passing
- C. Level of current in micro ampere
- D. Person receives the shock
11. _____ is the flow of electrons around a circuit.
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- B. Electricity
- C. Power
- D. Voltage
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- C. Polished
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13. _____ is a measurement of how much energy you are using each second.
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- B. Power
- C. Volume
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14. _____ tools are encased in plastic and prevent the user from getting electrocuted if the tool develops a short circuit.



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- A. Corded
- B. Double-insulated
- C. Green colored
- D. Grounded

15. One of the main functions of personal protective grounds is to provide a _____ impedance path for a short circuit.

- A. High
- B. Low
- C. Smooth
- D. Adequate

16. OSHA requires the testing of a volt meter after a voltage test on voltage above _____.

- A. 120v
- B. 208v
- C. 277v
- D. 600v

17. -----gives a stray current somewhere to go and keeps workers from becoming part of the circuit.

- A. De-energizing
- B. Energizing
- C. Grounding
- D. Guarding

18. Work performed on an electrical system within reaching distance of energized components is _____ work.

- A. Energized
- B. Essential
- C. Safe



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D. Unavoidable

19. The minimum allowable work space around electrical equipment is _____ inches deep.

A. 36

B. 48

C. 24

D. 30

20. The secondary of a current transformer must never be _____ while energized.

A. Grounded

B. Opened

C. Examined

D. Shortened



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22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE

Course Code	22EEEVAC02
Name of the Course	ELECTRICAL SAFETY AND QUALITY ASSURANCE
Duration of the Course	32 HOURS
Academic Year	2022-23
Period of the Course	06.02.2023-11.02.2023

STUDENT EVALUATION SHEET

S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARKS
1	II	112421105002	DILLIRANI. S	32	90
2	II	112421105003	PAVAN. V	32	80
3	II	112421105004	PRAKASHRAJ. M	32	80
4	II	112421105005	RAGUL. S	32	80
5	II	112421105007	SANGEETHA. V	32	85
6	II	112421105301	ABISHEK. M	32	90
7	II	112421105302	AKASH.B	32	90
8	II	112421105303	AKASH.M	32	95
9	II	112421105304	ANITHA. L	32	85
10	II	112421105305	ARAVIND.S	32	80
11	II	112421105306	ARUL VINOTH. T	32	80
12	II	112421105307	ARUN. B	32	95
13	II	112421105308	ARUNKUMAR.A	32	95
14	II	112421105309	ASHWINKUMAR. M	32	95





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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARKS
15	II	112421105310	BALAJI. M	32	80
16	II	112421105311	BALAJI. V	32	85
17	II	112421105312	BANUCHANDAR.B	32	85
18	II	112421105313	CHRIS WILLIAM.V	32	85
19	II	112421105318	FRANKLIN GODSON. M	32	90
20	II	112421105319	GANESHKUMAR. H	32	90
21	III	112420105001	PRAVEEN KUMAR.B	32	85
22	III	112420105002	PRAVEEN KUMAR.S	32	80
23	III	112420105003	SHRIHARI.T	32	85
24	III	112420105004	SIVAKUMAR.	32	80
25	III	112420105005	VENKATESAN.V	32	80
26	III	112420105301	AADHIVALAVAN.K.S.	32	80
27	III	112420105302	ABIYOUTH.E	32	85
28	III	112420105303	AJITH.D	32	85
29	III	112420105304	AJITH.R	32	90
30	III	112420105306	AKASH.R	32	85
31	III	112420105308	BALAJI.V	32	80
32	III	112420105309	BHARATHI.K	32	80
33	III	112420105310	CHANDRU.A.T.	32	80
34	III	112420105311	CHANTI.G	32	85
35	III	112420105312	CHELLAPPAN.V	32	85
36	III	112420105313	DHANRAJ.V	32	80
37	III	112420105315	DINESH.M	32	85



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S.NO	YEAR	REGISTER NUMBER	NAME OF STUDENTS	ATTENDANCE	MARKS
38	III	112420105316	DINESHSARAN.A	32	85
39	III	112420105317	DIVAKAR.G	32	85
40	III	112420105318	EZHILRAJ.B	32	80
41	IV	112419105001	BALAJI M	32	85
42	IV	112419105002	HARISHKUMARAN A	32	90
43	IV	112419105004	PRAVEENKUMAR D	32	85
44	IV	112419105005	PREMAVATHI C	32	90
45	IV	112419105006	RAKESHKUMAR J	32	85
46	IV	112419105007	SNEHA N	32	90
47	IV	112419105008	SONIYA K	32	95
48	IV	112419105009	SRIDEVI K	32	85
49	IV	112419105010	SUNILKUMAR B	32	85
50	IV	112419105011	THULASIRAMAN B	32	80
51	IV	112419105302	DEVANATHAN R	32	85
52	IV	112419105303	GURUMOORTHY R	32	85
53	IV	112419105304	JOTHIRAJAN T	32	85
54	IV	112419105305	KALANITHI R	32	90
55	IV	112419105306	NARESHKUMAR V	32	95
56	IV	112419105307	PARTHIBAN S	32	85
57	IV	112419105308	PRADEEPRAJ R	32	80
58	IV	112419105309	RAMAMOORTHY L	32	85
59	IV	112419105310	SANTHOSH R	32	85
60	IV	112419105311	SURENDHAR A	32	85



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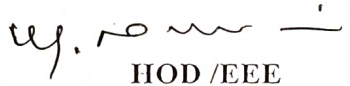
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61	ME-PED I	112422415001	MATHIYAZAGAN.G	32	80
62	ME-PED I	112422415002	SAKTHIVEL.S	32	85
63	ME-PED I	112422415004	SUGADEVAN.R	32	85
64	ME-PED II	112421415001	ARUL RAJA T	32	85
65	ME-PED II	112421415002	DHANANCHEZHIAN P	32	80
66	ME-PED II	112421415003	ELAIYARASAN E	32	85
67	ME-PED II	112421415005	KUBENDRI V	32	80
68	ME-PED II	112421415006	LAKSHMI N	32	85
69	ME-PED II	112421415008	PARTHIMA B	32	90
70	ME-PED II	112421415009	PAUL STEPHEN S	32	95
71	ME-PED II	112421415010	RAJAVENI M	32	80
72	ME-PED II	112421415011	RAMYA J C	32	85
73	ME-PED II	112421415012	RANJANI M R	32	85
74	ME-PED II	112421415014	SANGEETHA PRIYA R	32	85
75	ME-PED II	112421415015	SARATH KUMAR E	32	85
76	ME-PED II	112421415016	SATHISH M	32	80
77	ME-PED II	112421415017	SWETHA A	32	85
78	ME-PED II	112421415018	VIJAYA KUMAR V	32	90


COORDINATOR
(Mrs. S. Geetha)




HOD/EEE
(Mr. M. Namachivayam)


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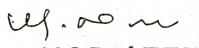
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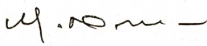
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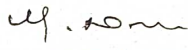
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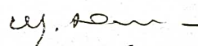
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