

#### COLLEGE OF ENGINEERING AND TECHNOLOGY

Thirupachur-631203, Tiruvallur TK & DT Approved by AICTE New Delht & Affiliated to Anna University, Chennal (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, SPCET.

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"

#### **ASSESMENT 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)

Thirupachur pin: 631 263

HOD / EEE

(Mr. M. Namachivayam)

PRINCIPAL

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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, matticovers.	ng, blankets, and
A. Plastic	
B. Rubber	
C. Steel	
D. Wood	TPAL
5 all electrical equipment before use Sri VenkatesWa	ara College c
A. Clean  A. Clean  Thirupachur, Thirupachur	uvallur - 631 293



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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 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, andor 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 PRINCIPAL

C. Green colored







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#### D. Grounded

15. One of the main functions of personal protective grounds is to pa a short circuit.	provide a impedance path for
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	
17gives a stray current somewhere to go and keeps workers fi	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 iswork.	e of energized components
A. Energized	
B. Essential	
C. Safe	
D. Unavoidable	
19. The minimum allowable work space around electrical equipment	t is inches deep.
Λ. 36	
B. 48	()
C. 24	PRINCIPAL Sri Venkateswara College o
D. 30 Thirupaghur	Engineering and Technology Thirupachur, Thiruvallur - 631 20



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- 20. The secondary of a current transformer must never be \_\_\_\_\_ while energized.
- A. Grounded
- B. Opened
- C. Examined
- D. Shortened

S. c\_tta

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(Mrs. S. Geetha)

Thirupachur Pin: 631 203

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HOD /EEE

(Mr. M. Namachivayam)

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22EEEVAC02 – ELECTRICAL SAFI	ETY AND QUALITY ASSURANCE
TEST QUI	ESTIONS
Student Reg. No. & Name: 11242(4)5018	Vijaga Kumar-
Sem & Year: 4th & ardy ears	Date: 11.02,2023
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B. Never	190
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D. Sometimes	
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3. Avoid working in conditions.	
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4. Specially designed PDE for electrical work include	des insulating gloves matting blankets and

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A. Plastic

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&. Steel



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Approved by AICTE New Delhi & Affiliated to Anna University, Chennal (A Telugu Minority Institution) 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 A. Identify B. Castigate C. Evaluate D. Modify

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B. Keep the victim cold



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C. Cover the victim with a coat
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14 tools are encased in plastic and prevent the user from getting electrocuted if the tool develops a short circuit.  PRINCIPAL  Sri Venkateswara College of Engineering and Technology,

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A. Corded

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vide a impedance path
tage above
becoming part of the circuit.
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### 22EEEVAC02 – ELECTRICAL SAFETY AND QUALITY ASSURANCE

Course Code	22EEEVAC02 ELECTRICAL SAFETY AND QUALITY		
Name of the Course			
	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	NAMEOF 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	11	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 COLLEG	ASHWINKUMAR. M	32	95

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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARKS
15	11	112421105310	BALAJI. M	32	80
16	11	112421105311	BALAJI. V	32	85
17	11	112421105312	BANUCHANDAR.B	32	85
18	П	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	Ш	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	111	112420105302	ABIYOUTH.E	32	85
28	III -	112420105303	AJITH.D	32	85
29	111	112420105304	AJITH.R	32	90
30	III	112420105306	AKASH.R	32	85
31	111	112420105308	BALAJI.V	32	80
32	III	112420105309	BHARATHI.K	32	&D
33	Ш	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 COLLE	GE 012420105315	DINESH.M	(32)	( 85

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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARKS
38	111	112420105316	DINESHSARAN.A	32	85
39	111	112420105317	DIVAKAR.G	32.	85
40	111	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	PRADEEPRAJR .	32	80
58	IV	112419105309	RAMAMOORTHY L	32	85
59	IV	112419105310	SANTHOSH R	82	85
60	IV	112419105311	SURENDHAR A	32	85

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S.NO	YEAR	REGISTER NUMBER	NAMEOF STUDENTS	ATTENDANCE	MARKS
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	DHANANCHEZHIYAN 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	RAMYAJC	32	85
73	ME-PED II ··	112421415012	RANJANI M R	32	85
74	ME-PED II	112421415014	SANGEETHA PRIYA R	32	23
75	ME-PED II	112421415015	SARATH KUMAR E	32	85
76	ME-PED II	112421415016	SATHISH M	82	80
77	ME-PED II	112421415017	SWETHA A	32	85
78	ME-PED II	112421415018	VIJAYA KUMAR V	32	90

COORDINATOR

(Mrs. S. Geetha)

Thirupachur Pin: 631 203

(Mr. M. Namachivayam)

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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CERTIFICATE OF PARTICIPATION

CO-ORDINATOR

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HOD / EEE

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Engineering and Technology, Thirupachur, Thiruvallur - 631 203



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### <u>DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING</u> **CERTIFICATE OF PARTICIPATION**

This is to certify that Mr/Ms B:AKASH (112421105302) UG/PG Department of Electrical and Electronics Engineering has successfully completed Value Added Course titled 'ELECTRICAL SAFETY AND QUALITY ASSURANCE' held from 06.02.2023 to 11.02.2023

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This is to certify that Mr/Ms K. SONIYA (112419105008) UG/PG Department of Electrical and Electronics Engineering has successfully completed Value Added Course titled 'ELECTRICAL SAFETY AND QUALITY ASSURANCE' held from 06.02.2023 to 11.02.2023

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# DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms R.AJITH (113420105304) UG/PG

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held from 06.02.2023 to 11.02.2023

CO-ORDINATOR

Thirupachur Go Pin: 631 203 A

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B. PRAVEEN KUMAR (11242010500) UG/PG This is to certify that Mr/Ms Department of Electrical and Electronics Engineering has successfully completed Value Added Course titled 'ELECTRICAL SAFETY AND QUALITY ASSURANCE' held from 06.02.2023 to 11.02.2023

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This is to certify that Mr/Ms S.SAKTHIVEL (112422415002) UG/PG Department of Electrical and Electronics Engineering has successfully completed Value Added Course titled 'ELECTRICAL SAFETY AND QUALITY ASSURANCE' held from 06.02.2023 to 11.02.2023



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