

SYLLABUS/
CURRICULUM



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu
Mobile : 9842102628, 7373002628 Email: info@psyec.edu.in Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year 2018-2019

VACEE1819ESC

35 Hours

ELECTRICAL SAFETY COURSE

OBJECTIVE OF THE COURSE

- To be familiar with the basic concepts of electricity.
- To familiarize the students with the Hazards associated with electricity and their prevention.
- To familiarize the students with the ways to eliminate, remove and prevent electrical hazards.

CHAPTER 1:

THEORY OF ELECTRICITY: Electricity, Elements and Atoms, Electrical Materials, Generating Electricity, Voltage, Current and Resistance. Factors that affect resistance, Direct Current (DC) Circuits, Alternating Current (AC), Circuits, Ohm's Law. Electromagnetism, Capacitance, Capacitive Reactance, Impedance, Extending Ohm's Law to AC Circuits, Low Impedance Circuit

CHAPTER 2:

HAZARDS OF ELECTRICITY: Shock, Burns, Arc-Blast, Explosions, Fires, Primary Hazards Associated with Electricity, and Effects of electricity on the human body.

CHAPTER 3:

COMMON WORKPLACE CIRCUITS: Single phase two wire circuits, single phase three wire circuits, Electrical protective device.

CHAPTER 4:

GROUNDING: Types of over current, Fuses, Circuit Breaker, GroundFault Circuit-Interrupter, working of Grounding, ground-fault, circuit-interrupters working, types, classes and testing, reversed polarity.

CHAPTER 5:

RISK ASSESSMENT AND HAZARD ANALYSIS :Advanced techniques for identifying electrical hazards-Quantitative risk assessment methodologies (e.g., HAZOP, FMEA)-Job safety analysis (JSA) for electrical work-Utilizing software tools for risk assessment

CHAPTER 6:

EMERGENCY PREPAREDNESS AND RESPONSE: Developing comprehensive emergency response plans for electrical incidents-Training employees in emergency procedures and first aid-Incident investigation and root cause analysis-Continuous improvement in electrical safety management



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

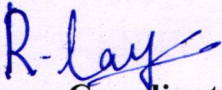
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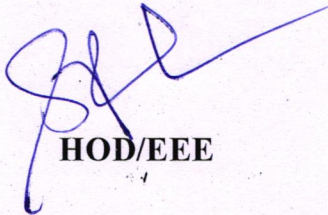
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OUTCOMES

- Explain the objectives of electrical safety.
- Describe the various electrical safety ways
- Identifies the presence of electrical hazards and solution to minimize risks
- Gain familiarity with electrical protective devices


Course Coordinator


HOD/EEE


PRINCIPAL



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING ACADEMIC YEAR 2018 – 2019

VACEE1819ESC -ELECTRICAL SAFETY COURSE

Course Schedule

Date	Time	TOPICS
17/12/2018	9.00 am to 12.30 pm	THEORY OF ELECTRICITY: Electricity, Elements and Atoms, Electrical Materials, Generating Electricity, Voltage, Current and Resistance. Factors that affect resistance, Direct Current (DC) Circuits, Alternating Current (AC) Circuits, Ohm's Law. Electromagnetism, Capacitance, Capacitive Reactance, Impedance, Extending Ohm's Law to AC Circuits, Low Impedance Circuit
	1.00 pm to 5.00 pm	
18/12/2018	9.00 am to 12.30 pm	HAZARDS OF ELECTRICITY: Shock, Burns, Arc-Blast, Explosions, Fires, Primary Hazards Associated with Electricity, and Effects of electricity on the human body. Improper Grounding, Exposed Electrical Parts, Inadequate Wiring, Damaged Insulation, Overloaded Circuits, Damaged Tools & Equipment.
	1.00 pm to 5.00 pm	
19/12/2018	9.00 am to 12.30 pm	COMMON WORKPLACE CIRCUITS: Single phase two wire circuits, single phase three wire circuits, Electrical protective device- Poor grounding- Overloaded circuits- Damaged equipment- Exposed electrical parts- Incorrect wiring.
	1.00 pm to 5.00 pm	
20/12/2018	9.00 am to 12.30 pm	GROUNDING: Types of over current, Fuses, Circuit Breaker, Ground Fault Circuit-Interrupter, working of Grounding, ground-fault, circuit-interrupters working, types, classes and testing, reversed polarity, Types of fault- Line to ground (L-G), Line to line (L-L), Double line to ground (LL-G)
	1.00 pm to 5.00 pm	
21/12/2018	9.00 am to 12.30 pm	RISK ASSESSMENT AND HAZARD ANALYSIS :Advanced techniques for identifying electrical hazards-Quantitative risk assessment methodologies (e.g., HAZOP, FMEA)-Job safety analysis. (JSA) for electrical work-Utilizing software tools for risk assessment
	1.00 pm to 5.00 pm	
22/12/2018	9.00 am to 12.30 pm	EMERGENCY PREPAREDNESS AND RESPONSE: Developing comprehensive emergency response plans for electrical incidents-Training employees in emergency procedures and first aid-Incident investigation and root cause analysis-Continuous improvement in electrical safety management
	1.00 pm to 5.00 pm	

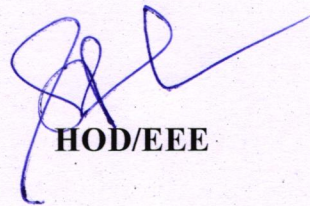
24/12/2018	9.00 am to 12.30 pm	Overview of the course- Theory of electricity- Hazards of electricity- common workplace circuits- grounding- risk assessment and hazard analysis- emergency preparedness and response
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Total Hours 35 :

Tea Break : 10:40 am to 10:55am & 02:45 pm to 15:00 pm

Lunch Break : 12:30pm to 01:00pm


Course Coordinator


HOD/EEE


PRINCIPAL



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DEPARTMENT OF EEE

Academic Year 2018 – 2019

One page Report

Name of the course : Electrical safety course
Development Course Code : VACEE1819ESC
Course Coordinator : Mr.R.Saravanan
Date/Duration : 17.12.2018 to 24.12.2018— 35 hours

I here affirm that the second and third-year students of strength 33 have been taught the value-added course title “ELECTRICAL SAFETY COURSE” as per the syllabus and completed within the stipulated time duration.

I confirm that the value-added course titled “ELECTRICAL SAFETY COURSE” has been conducted in the beginning of the semester and course delivery along with the attendance of the students was recorded.

I confirmed that all the students were actively participated in the course and the eligible students were certified for the course.

Mr.R.Saravanan ,

AP/EEE,

Course Coordinator

Mrs.S.Pandimeena,

AP/EEE ,

Head of the Department

Principal.

Dr. R. RAJA M.E., Ph.D.,
PRINCIPAL
PANDIAN SARASWATHI YADAV
ENGINEERING COLLEGE
Arasanoor, Thirumansolai P.O-630 56
Sivagangai Dist, Tamil Nadu

ASSESSMENT PROCEDURE



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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DEPARTMENT OF EEE

ACADEMIC YEAR 2018 - 2019

VACEE1819ESC -ELECTRICAL SAFETY COURSE

Assessment Questions with Answer

1. What is the purpose of grounding electrical systems?

- a) To provide a path for current to flow
- b) To protect against electric shocks
- c) To reduce electrical resistance
- d) To increase energy efficiency

Answer: b) To protect against electric shocks

2. Which of the following is a common cause of electrical fires?

- a) Overloading circuits
- b) Proper grounding
- c) Regular maintenance
- d) Low voltage

Answer: a) Overloading circuits

3. What is the recommended type of electrical outlets for wet areas, such as bathrooms?

- a) Ungrounded outlets
- b) GFCI outlets
- c) Surge protected outlets
- d) Three-pronged outlets

Answer: b) GFCI outlets

4. What should you do if you experience an electrical shock?

- a) Pour water over the affected area
- b) Apply a burn ointment immediately
- c) Remove the person from the electrical source
- d) Do nothing; it will subside on its own

Answer: c) Remove the person from the electrical source

5. What does the term "overloading" mean in electrical safety?

- a) Using too many electrical devices simultaneously
- b) Using energy-efficient appliances
- c) Overcharging a battery
- d) Insulating electrical wires

Answer: a) Using too many electrical devices simultaneously

6. Which of the following is NOT a recommended practice for preventing electrical accidents?

- a) Avoiding the use of extension cords
- b) Regularly inspecting electrical equipment
- c) Using damaged electrical cords
- d) Keeping electrical devices away from water sources

Answer: c) Using damaged electrical cords

7. What does the abbreviation "PPE" stand for in electrical safety?

- a) Personal Protective Equipment
- b) Proper Power Efficiency
- c) Protective Power Equipment
- d) Professional Protection Evaluation

Answer: a) Personal Protective Equipment

8. Which of the following should NOT be used near electrical equipment?

- a) Water
- b) Fire extinguisher
- c) Metal tools
- d) Insulated gloves

Answer: a) Water

9. What is the purpose of a circuit breaker in an electrical system?

- a) To regulate the flow of electricity
- b) To prevent overloading and short circuits
- c) To increase energy efficiency
- d) To generate electricity

Answer: b) To prevent overloading and short circuits

10. What is the color coding for the ground wire in electrical systems?

- a) Red
- b) Black
- c) Green
- d) Yellow

Answer: c) Green

11. What does the term "arc flash" refer to in electrical safety?

- a) A type of electrical insulation
- b) A sudden burst of light and heat during an electrical fault
- c) A safety switch used in high-voltage systems
- d) The process of grounding electrical systems

Answer: b) A sudden burst of light and heat during an electrical fault

12. Which of the following should be done before working on electrical equipment?

- a) Wear insulated gloves
- b) Use a metal ladder
- c) Keep the equipment plugged in
- d) Stand on a wet surface

Answer: a) Wear insulated gloves

13. What is the purpose of a ground fault circuit interrupter (GFCI)?

- a) To protect against electrical shocks
- b) To regulate voltage levels
- c) To increase energy efficiency
- d) To prevent electrical fires

Answer: a) To protect against electrical shocks

14. Which type of fire extinguisher is suitable for electrical fires?

- a) Water-based extinguisher
- b) Foam-based extinguisher
- c) CO2 extinguisher
- d) Powder extinguisher

Answer: c) CO2 extinguisher

15. What should you do if you notice frayed or damaged electrical cords?

- a) Continue using them until they completely fail
- b) Repair them with tape or insulation
- c) Replace them with new cords
- d) Ignore the damage as long as they still work

Answer: c) Replace them with new cords



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DEPARTMENT OF EEE ACADEMIC YEAR 2018 - 2019

VACEE1819ESC -ELECTRICAL SAFETY COURSE

Assessment Test Paper

REGISTER NUMBER: 912016105013

NAME OF THE STUDENT: SHALINI S

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13
15

d) Professional Protection Evaluation

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Pandian Saraswathi yadav Engineering College, Arasanoor -630561

Department of Electrical and Electronics Engineering

Student Performance Sheet

Academic Year : 2018-2019

Course Code : VACEE1819ESC

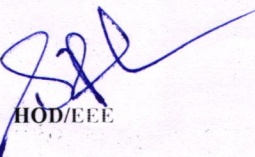
Course Name : Electrical Safety Course

Duration of hours : 33

Period of Course : 17.12.2018 to 24.12.2018

Assessment Marks			Marks
Sl. No	Register Number	Student Name	
1	912017105002	M.ABARNA	80
2	912017105005	S.HARIBALAN	82
3	912017105006	T.JEYARAJ	83
4	912017105008	R.JOHN ROBERT	70
5	912017105009	R.JOYS PREETHI	75
6	912017105010	M.KARTHICK	95
7	912017105011	MOTHI BALA VISHAGAN	94
8	912017105013	M.NAVEEN PRASATH	93
9	912017105015	R.ROBIN	92
10	912017105016	B.P.SAKTHI	91
11	912017105017	P.SAKTHI VISHNU PRIYAN	85
12	912017105018	W.SANTHOSH	86
13	912017105019	R.SUBA	87
14	912017105020	S.THIRUBAKARAN	88
15	912017105021	P.USHA NANDHINI	86
16	912017105022	R.VENKAT MURUGAN	85
17	912017105023	M.VINOTH KUMAR	84
18	912017105024	B.YASHWANTH KUMAR	83
19	912017105303	S.SENTHILNATHAN	70
20	912016105001	AJITH KUMAR M	73
21	912016105002	ARUN KUMAR K	85
22	912016105003	DIVYA DHARSHINI K	86
23	912016105006	KRISHNAKUMAR M	88
24	912016105008	MITRA R	87
25	912016105011	RAGHOTHAMAN V	88
26	912016105012	SETHUPATHI D	89
27	912016105013	SHALINI J	90
28	912016105014	SIRANJEEVI R	91
29	912016105017	TAMILSELVI M	92
30	912016105018	VASANTH M	93
31	912016105019	YUVARAJAN G	94
32	912016105302	VIGNESH P	95
33	912016105502	MANIBHARATH S	96.

R. Jay
Course coordinator


HOD/EEE


PRINCIPAL



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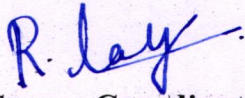
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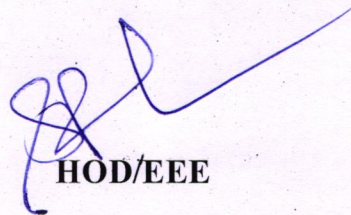
Department of Electrical And Electronics Engineering ACADEMIC YEAR 2018 - 2019 VACEE1819ESC -ELECTRICAL SAFETY COURSE

ASSESSMENT MODE

In order to get a certificate for this course, the students should satisfy the following constraints

Attendance	: 75 %
Assessment Question	: MCQ pattern
Assessment Mark	: Greater than or equal to 50%


Course Coordinator


HOD/EEE


PRINCIPAL

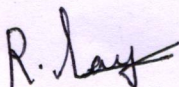
STUDENTS ATTENDANCE

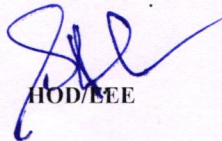
Student Attendance Sheet

Academic Year : 2018-2019
 Course Code : VACEE1819ESC
 Course Name : Electrical Safety Course
 Duration of hours : 33
 Period of Course : 17.12.2018 to 24.12.2018

Sl. No	Register Number	Student Name	Date:					
			09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017105002	M.ABARNA	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna
2	912017105005	S.HARIBALAN	Hari	Hari	Hari	Hari	Hari	Hari
3	912017105006	T.JEYARAJ	T. Jey	T. Jey	T. Jey	T. Jey	T. Jey	T. Jey
4	912017105008	R.JOHN ROBERT	John	John	John	John	John	John
5	912017105009	R.JOYS PREETHI	Joys	Joys	Joys	Joys	Joys	Joys
6	912017105010	M.KARTHICK	Karthick	Karthick	Karthick	Karthick	Karthick	Karthick
7	912017105011	MOTHI BALA VISHAGAN	Bala	Bala	Bala	Bala	Bala	Bala
8	912017105013	M.NAVEEN PRASATH	N.P.	N.P.	N.P.	N.P.	N.P.	N.P.
9	912017105015	R.ROBIN	Robin	Robin	Robin	Robin	Robin	Robin
10	912017105016	B.P.SAKTHI	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
11	912017105017	P.SAKTHI VISHNU PRIYAN	Priyan	Priyan	Priyan	Priyan	Priyan	Priyan
12	912017105018	W.SANTHOSH	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
13	912017105019	R.SUBA	Suba	Suba	Suba	Suba	Suba	Suba
14	912017105020	S.THIRUBAKARAN	Thiru	Thiru	Thiru	Thiru	Thiru	Thiru
15	912017105021	P.USHA NANDHINI	Usha	Usha	Usha	Usha	Usha	Usha
16	912017105022	R.VENKAT MURUGAN	Venk	Venk	Venk	Venk	Venk	Venk
17	912017105023	M.VINOTH KUMAR	Vineth	Vineth	Vineth	Vineth	Vineth	Vineth
18	912017105024	B.YASHWANTH KUMAR	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth
19	912017105303	S.SENTHILNATHAN	Senthil	Senthil	Senthil	Senthil	Senthil	Senthil
20	912016105001	AJITH KUMAR M	AJITH	AJITH	AJITH	AJITH	AJITH	AJITH
21	912016105002	ARUN KUMAR K	Arun	Arun	Arun	Arun	Arun	Arun
22	912016105003	DIVYA DHARSHINI K	Divya	Divya	Divya	Divya	Divya	Divya
23	912016105006	KRISHNAKUMAR M	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
24	912016105008	MITRA R	Mitra	Mitra	Mitra	Mitra	Mitra	Mitra
25	912016105011	RAGHOTHAMAN V	Ragho	Ragho	Ragho	Ragho	Ragho	Ragho
26	912016105012	SETHUPATHI D	Sethu	Sethu	Sethu	Sethu	Sethu	Sethu
27	912016105013	SHALINI J	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
28	912016105014	SIRANJEEVI R	Siranjeevi	Siranjeevi	Siranjeevi	Siranjeevi	Siranjeevi	Siranjeevi
29	912016105017	TAMILSELVI M	Tamil	Tamil	Tamil	Tamil	Tamil	Tamil
30	912016105018	VASANTH M	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth
31	912016105019	YUVARAJAN G	Yuva	Yuva	Yuva	Yuva	Yuva	Yuva
32	912016105302	VIGNESH P	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
33	912016105502	MANIBHARATH S	Mani	Mani	Mani	Mani	Mani	Mani

Tea Break FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm
 Lunch Break 12:15 pm to 01:00pm


 Course coordinator


 HOD/BEE


 PRINCIPAL

Student Attendance Sheet

Academic Year : 2018-2019

Course Code : VACEE1819ESC

Course Name : Electrical Safety Course

Duration of hours : 33

Period of Course : 17.12.2018 to 24.12.2018

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1	912017105002	M.ABARNA	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna
2	912017105005	S.HARIBALAN	hagu	hagu	hagu	hagu	hagu	hagu
3	912017105006	T.JEYARAJ	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj
4	912017105008	R.JOHN ROBERT	Robert	Robert	Robert	Robert	Robert	Robert
5	912017105009	R.JOYS PREETHI	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi
6	912017105010	M.KARTHICK	karthick	karthick	karthick	karthick	karthick	karthick
7	912017105011	MOTHI BALA VISHAGAN	Bala	Bala	Bala	Bala	Bala	Bala
8	912017105013	M.NAVEEN PRASATH	Prasath	Prasath	Prasath	Prasath	Prasath	Prasath
9	912017105015	R.ROBIN	Robin	Robin	Robin	Robin	Robin	Robin
10	912017105016	B.P.SAKTHI	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
11	912017105017	P.SAKTHI VISHNU PRIYAN	Suri	Suri	Suri	Suri	Suri	Suri
12	912017105018	W.SANTHOSH	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
13	912017105019	R.SUBA	Suba	Suba	Suba	Suba	Suba	Suba
14	912017105020	S.THIRUBAKARAN	Thirubakaran	Thirubakaran	Thirubakaran	Thirubakaran	Thirubakaran	Thirubakaran
15	912017105021	P.USHA NANDHINI	Cisha	Cisha	Cisha	Cisha	Cisha	Cisha
16	912017105022	R.VENKAT MURUGAN	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat
17	912017105023	M.VINOTH KUMAR	Vinoth	Vinoth	Vinoth	Vinoth	Vinoth	Vinoth
18	912017105024	B.YASHWANTH KUMAR	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth
19	912017105303	S.SENTHILNATHAN	Senthil	Senthil	Senthil	Senthil	Senthil	Senthil
20	912016105001	AJITH KUMAR M	AJITH	AJITH	AJITH	AJITH	AJITH	AJITH
21	912016105002	ARUN KUMAR K	Arun	Arun	Arun	Arun	Arun	Arun
22	912016105003	DIVYA DHARSHINI K	Dharshini	Dharshini	Dharshini	Dharshini	Dharshini	Dharshini
23	912016105006	KRISHNAKUMAR M	Keerana	Keerana	Keerana	Keerana	Keerana	Keerana
24	912016105008	MITRA R	Mitra	Mitra	Mitra	Mitra	Mitra	Mitra
25	912016105011	RAGHOTHAMAN V	Raghe	Raghe	Raghe	Raghe	Raghe	Raghe
26	912016105012	SETHUPATHI D	Sethu	Sethu	Sethu	Sethu	Sethu	Sethu
27	912016105013	SHALINI J	Shali	Shali	Shali	Shali	Shali	Shali
28	912016105014	SIRANJEEVI R	Siragan	Siragan	Siragan	Siragan	Siragan	Siragan
29	912016105017	TAMILSELVI M	Tamil	Tamil	Tamil	Tamil	Tamil	Tamil
30	912016105018	VASANTH M	Vasa	Vasa	Vasa	Vasa	Vasa	Vasa
31	912016105019	YUVARAJAN G	Yuva	Yuva	Yuva	Yuva	Yuva	Yuva
32	912016105302	VIGNESH P	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
33	912016105502	MANIBHARATH S	Mani	Mani	Mani	Mani	Mani	Mani

Tea Break FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm

Lunch Break 12:15 pm to 01:00pm

R. Jay
Course coordinator

[Signature]
HOD/EEE

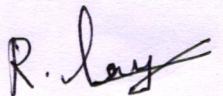
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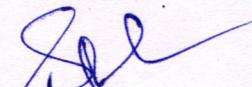
Student Attendance Sheet

Academic Year : 2018-2019
 Course Code : VACEE1819ESC
 Course Name : Electrical Safety Course
 Duration of hours : 33
 Period of Course : 17.12.2018 to 24.12.2018

Sl. No	Register Number	Student Name	Date:					
			09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017105002	M.ABARNA	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna
2	912017105005	S.HARIBALAN	Hari	Hari	Hari	Hari	Hari	Hari
3	912017105006	T.JEYARAJ	T. Jey	T. Jey	T. Jey	T. Jey	T. Jey	T. Jey
4	912017105008	R.JOHN ROBERT	Robert	Robert	Robert	Robert	Robert	Robert
5	912017105009	R.JOYS PREETHI	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi
6	912017105010	M.KARTHICK	Karthick	Karthick	Karthick	Karthick	Karthick	Karthick
7	912017105011	MOTHI BALA VISHAGAN	Bala	Bala	Bala	Bala	Bala	Bala
8	912017105013	M.NAVEEN PRASATH	Prasath	Prasath	Prasath	Prasath	Prasath	Prasath
9	912017105015	R.ROBIN	Robin	Robin	Robin	Robin	Robin	Robin
10	912017105016	B.P.SAKTHI	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
11	912017105017	P.SAKTHI VISHNU PRIYAN	Priyan	Priyan	Priyan	Priyan	Priyan	Priyan
12	912017105018	W.SANTHOSH	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
13	912017105019	R.SUBA	Suba	Suba	Suba	Suba	Suba	Suba
14	912017105020	S.THIRUBAKARAN	Thiruba	Thiruba	Thiruba	Thiruba	Thiruba	Thiruba
15	912017105021	P.USHA NANDHINI	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini	Nandhini
16	912017105022	R.VENKAT MURUGAN	Muruga	Muruga	Muruga	Muruga	Muruga	Muruga
17	912017105023	M.VINOTH KUMAR	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
18	912017105024	B.YASHWANTH KUMAR	Yaswan	Yaswan	Yaswan	Yaswan	Yaswan	Yaswan
19	912017105303	S.SENTHILNATHAN	Senthil	Senthil	Senthil	Senthil	Senthil	Senthil
20	912016105001	AJITH KUMAR M	AJITH	AJITH	AJITH	AJITH	AJITH	AJITH
21	912016105002	ARUN KUMAR K	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
22	912016105003	DIVYA DHARSHINI K	Dharshini	Dharshini	Dharshini	Dharshini	Dharshini	Dharshini
23	912016105006	KRISHNAKUMAR M	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
24	912016105008	MITRA R	Mitra	Mitra	Mitra	Mitra	Mitra	Mitra
25	912016105011	RAGHOTHAMAN V	Raghu	Raghu	Raghu	Raghu	Raghu	Raghu
26	912016105012	SETHUPATHI D	Sethu	Sethu	Sethu	Sethu	Sethu	Sethu
27	912016105013	SHALINI J	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
28	912016105014	SIRANJEEVI R	Siranjeevi	Siranjeevi	Siranjeevi	Siranjeevi	Siranjeevi	Siranjeevi
29	912016105017	TAMILSELVI M	Tamil	Tamil	Tamil	Tamil	Tamil	Tamil
30	912016105018	VASANTH M	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth
31	912016105019	YUVARAJAN G	Yuvraj	Yuvraj	Yuvraj	Yuvraj	Yuvraj	Yuvraj
32	912016105302	VIGNESH P	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
33	912016105502	MANIBHARATH S	Mani	Mani	Mani	Mani	Mani	Mani

Tea Break FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm
 Lunch Break 12:15 pm to 01:00pm


 Course coordinator


 HOD/EEE


 PRINCIPAL

Student Attendance Sheet

Academic Year : 2018-2019

Course Code : VACEE1819ESC

Course Name : Electrical Safety Course

Duration of hours : 33

Period of Course : 17.12.2018 to 24.12.2018

Sl. No	Register Number	Student Name	Date:					
			09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017105002	M.ABARNA	M.Abarna	M.Abarna	M.Abarna	M.Abarna	M.Abarna	M.Abarna
2	912017105005	S.HARIBALAN	Hagari	Hagari	Hagari	Hagari	Hagari	Hagari
3	912017105006	T.JEVARAJ	T.Jevaraj	T.Jevaraj	T.Jevaraj	T.Jevaraj	T.Jevaraj	T.Jevaraj
4	912017105008	R.JOHN ROBERT	Robert	Robert	Robert	Robert	Robert	Robert
5	912017105009	R.JOYS PREETHI	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi
6	912017105010	M.KARTHICK	Karthick	Karthick	Karthick	Karthick	Karthick	Karthick
7	912017105011	MOTHI BALA VISHAGAN	Bala	Bala	Bala	Bala	Bala	Bala
8	912017105013	M.NAVEEN PRASATH	Prasath	Prasath	Prasath	Prasath	Prasath	Prasath
9	912017105015	R.ROBIN	Robin	Robin	Robin	Robin	Robin	Robin
10	912017105016	B.P.SAKTHI	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
11	912017105017	P.SAKTHI VISHNU PRIYAN	Priyan	Priyan	Priyan	Priyan	Priyan	Priyan
12	912017105018	W.SANTHOSH	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
13	912017105019	R.SUBA	Suba	Suba	Suba	Suba	Suba	Suba
14	912017105020	S.THIRUBAKARAN	Thiruba	Thiruba	Thiruba	Thiruba	Thiruba	Thiruba
15	912017105021	P.USHA NANDHINI	Usha	Usha	Usha	Usha	Usha	Usha
16	912017105022	R.VENKAT MURUGAN	Venka	Venka	Venka	Venka	Venka	Venka
17	912017105023	M.VINOTH KUMAR	Vineth	Vineth	Vineth	Vineth	Vineth	Vineth
18	912017105024	B.YASHWANTH KUMAR	Kumar	Kumar	Kumar	Kumar	Kumar	Kumar
19	912017105303	S.SENTHILNATHAN	Senthil	Senthil	Senthil	Senthil	Senthil	Senthil
20	912016105001	AJITH KUMAR M	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith
21	912016105002	ARUN KUMAR K	Arun	Arun	Arun	Arun	Arun	Arun
22	912016105003	DIVYA DHARSHINI K	Dhara	Dhara	Dhara	Dhara	Dhara	Dhara
23	912016105006	KRISHNAKUMAR M	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
24	912016105008	MITRA R	Mitra	Mitra	Mitra	Mitra	Mitra	Mitra
25	912016105011	RAGHOTHAMAN V	Raghu	Raghu	Raghu	Raghu	Raghu	Raghu
26	912016105012	SETHUPATHI D	Sethu	Sethu	Sethu	Sethu	Sethu	Sethu
27	912016105013	SHALINI J	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
28	912016105014	SIRANJEEVI R	Ranjee	Ranjee	Ranjee	Ranjee	Ranjee	Ranjee
29	912016105017	TAMILSELVI M	Tamil	Tamil	Tamil	Tamil	Tamil	Tamil
30	912016105018	VASANTH M	Vasant	Vasant	Vasant	Vasant	Vasant	Vasant
31	912016105019	YUVARAJAN G	Yuva	Yuva	Yuva	Yuva	Yuva	Yuva
32	912016105302	VIGNESH P	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
33	912016105502	MANIBHARATH S	Mani	Mani	Mani	Mani	Mani	Mani

Tea Break FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm

Lunch Break 12:15 pm to 01:00pm

R. Jay
Course coordinator

J.K.
HOD/EEE

K.B.
PRINCIPAL

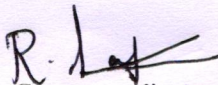
Student Attendance Sheet

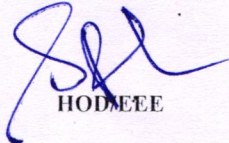
Academic Year : 2018-2019
 Course Code : VACEE1819ESC
 Course Name : Electrical Safety Course
 Duration of hours : 33
 Period of Course : 17.12.2018 to 24.12.2018

Sl. No	Register Number	Student Name	Date:					
			09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912017105002	M.ABARNA	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna	M. Abarna
2	912017105005	S.HARIBALAN	S. Haribalan	S. Haribalan	S. Haribalan	S. Haribalan	S. Haribalan	S. Haribalan
3	912017105006	T.JEYARAJ	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj	T. Jeyaraj
4	912017105008	R.JOHN ROBERT	Robert	Robert	Robert	Robert	Robert	Robert
5	912017105009	R.JOYS PREETHI	Preethi	Preethi	Preethi	Preethi	Preethi	Preethi
6	912017105010	M.KARTHICK	Karthick	Karthick	Karthick	Karthick	Karthick	Karthick
7	912017105011	MOTHI BALA VISHAGAN	Mothi	Mothi	Mothi	Mothi	Mothi	Mothi
8	912017105013	M.NAVEEN PRASATH	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
9	912017105015	R.ROBIN	Robin	Robin	Robin	Robin	Robin	Robin
10	912017105016	B.P.SAKTHI	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi	Sakthi
11	912017105017	P.SAKTHI VISHNU PRIYAN	Priyan	Priyan	Priyan	Priyan	Priyan	Priyan
12	912017105018	W.SANTHOSH	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh	Santhosh
13	912017105019	R.SUBA	Suba	Suba	Suba	Suba	Suba	Suba
14	912017105020	S.THIRUBAKARAN	Thiruba	Thiruba	Thiruba	Thiruba	Thiruba	Thiruba
15	912017105021	P.USHA NANDHINI	Usha	Usha	Usha	Usha	Usha	Usha
16	912017105022	R.VENKAT MURUGAN	Murugan	Murugan	Murugan	Murugan	Murugan	Murugan
17	912017105023	M.VINOTH KUMAR	Vineth	Vineth	Vineth	Vineth	Vineth	Vineth
18	912017105024	B.YASHWANTH KUMAR	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth	Yashwanth
19	912017105303	S.SENTHILNATHAN	Senthil	Senthil	Senthil	Senthil	Senthil	Senthil
20	912016105001	AJITH KUMAR M	Ajith	Ajith	Ajith	Ajith	Ajith	Ajith
21	912016105002	ARUN KUMAR K	Arun	Arun	Arun	Arun	Arun	Arun
22	912016105003	DIVYA DHARSHINI K	Divya	Divya	Divya	Divya	Divya	Divya
23	912016105006	KRISHNAKUMAR M	Krishna	Krishna	Krishna	Krishna	Krishna	Krishna
24	912016105008	MITRA R	Mithra	Mithra	Mithra	Mithra	Mithra	Mithra
25	912016105011	RAGHOTHAMAN V	Raghu	Raghu	Raghu	Raghu	Raghu	Raghu
26	912016105012	SETHUPATHI D	Sethu	Sethu	Sethu	Sethu	Sethu	Sethu
27	912016105013	SHALINI J	Shalini	Shalini	Shalini	Shalini	Shalini	Shalini
28	912016105014	SIRANJEEVI R	Sirani	Sirani	Sirani	Sirani	Sirani	Sirani
29	912016105017	TAMILSELVI M	Tamil	Tamil	Tamil	Tamil	Tamil	Tamil
30	912016105018	VASANTH M	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth
31	912016105019	YUVARAJAN G	Yuva	Yuva	Yuva	Yuva	Yuva	Yuva
32	912016105302	VIGNESH P	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh	Vignesh
33	912016105502	MANIBHARATH S	Mani	Mani	Mani	Mani	Mani	Mani

Tea Break FN- 11:00 am to 11:15am & AN-03:00 pm to 03:15 pm

Lunch Break 12:15 pm to 01:00pm


 Course coordinator


 HOD/EEE


 PRINCIPAL

Enrollment
Student Name
List

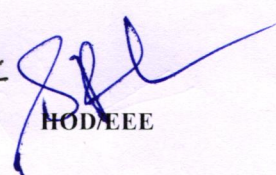
Pandian Saraswathi yadav Engineering College, Arasanoor -630561

Department of Electrical And Electronics Engineering

Student Registration Sheet

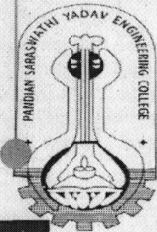
Academic Year : 2018-2019
 Course Code : VACEE1819ESC
 Course Name : Electrical Safety Course
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 Period of Course : 17.12.2018 to 24.12.2018

Sl. No	Register Number	Student Name	Signature
1	912017105002	M.ABARNA	M. Arna
2	912017105005	S.HARIBALAN	S. Haribalan
3	912017105006	T.JEYARAJ	T. Jeyaraj
4	912017105008	R.JOHN ROBERT	R. John Robert
5	912017105009	R.JOYS PREETHI	R. Joys Preethi
6	912017105010	M.KARTHICK	M. Karthick
7	912017105011	MOTHI BALA VISHAGAN	Mothi Bala Vishagan
8	912017105013	M.NAVEEN PRASATH	M. Naveen Prasath
9	912017105015	R.ROBIN	R. Robin
10	912017105016	B.P.SAKTHI	B.P. Sakthi
11	912017105017	P.SAKTHI VISHNU PRIYAN	P. Sakthi Vishnu Priyan
12	912017105018	W.SANTHOSH	W. Santhosh
13	912017105019	R.SUBA	R. Suba
14	912017105020	S.THIRUBAKARAN	S. Thirubakaran
15	912017105021	P.USHA NANDHINI	P. Usha Nandhini
16	912017105022	R.VENKAT MURUGAN	R. Venkat Murugan
17	912017105023	M.VINOTH KUMAR	M. Vinoth Kumar
18	912017105024	B.YASHWANTH KUMAR	B. Yashwanth Kumar
19	912017105303	S.SENTHILNATHAN	S. Senthilnathan
20	912016105001	AJITH KUMAR M	Ajith Kumar M
21	912016105002	ARUN KUMAR K	Arun Kumar K
22	912016105003	DIVYA DHARSHINI K	Divya Dharshini K
23	912016105006	KRISHNAKUMAR M	Krishnakumar M
24	912016105008	MITRA R	Mitra R
25	912016105011	RAGHOTHAMAN V	Raghothaman V
26	912016105012	SETHUPATHI D	Sethupathi D
27	912016105013	SHALINI J	Shalini J
28	912016105014	SIRANJEEVI R	Siranjeevi R
29	912016105017	TAMILSELVI M	Tamilselvi M
30	912016105018	VASANTH M	Vasanth M
31	912016105019	YUVARAJAN G	Yuvarajan G
32	912016105302	VIGNESH P	Vignesh P
33	912016105502	MANIBHARATH S	Manibharath S

R. Jay 
 Course coordinator HOD/EEE


 PRINCIPAL

MODEL
CERTIFICATES



**PANDIAN SARASWATHI YADAV ENGINEERING
COLLEGE**

Approved by AICTE & Affiliated to Anna University, Chennai.
Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu - 630 561

**Value added course on
Electrical Safety Course**

Organized by

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

CERTIFICATE

This is Certify that M. VINOTH KUMAR From **Third and Second year EEE** has participated in the value-added course on Electrical Safety Course organized by the Department of Electrical And Electronics Engineering From 17.12.2018 to 24.12.2018 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Mrs. S. PANDIMEENA,

AP/EEE

Head of the Department


Dr. R. RAJA,

Principal

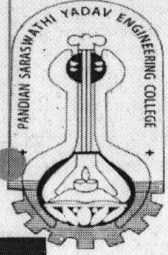
R RAJA

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RAJA

Date: 2024.07.16

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PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

Approved by AICTE & Affiliated to Anna University, Chennai.
Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu - 630 561

Value added course on Electrical Safety Course

Organized by

DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING

CERTIFICATE

This is Certify that SETHUPATHI D From **Third and Second year EEE** has participated in the value-added course on Electrical Safety Course organized by the Department of Electrical And Electronics Engineering From 17.12.2018 to 24.12.2018 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Mrs. S. PANDIMEENA,

AP/EEE

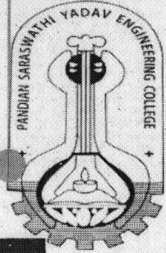
Head of the Department


Dr. R. RAJA,

Principal

R
RAJA

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by R RAJA
Date:
2024.07.16
12:24:01
+05'30'



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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Arasanoor, Thirumansolai Post, Sivagangai – Madurai Highway, Tamilnadu - 630 561

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**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

CERTIFICATE


This is Certify that VASANTH M. From **Third and Second year EEE** has participated in the value-added course on Electrical Safety Course organized by the Department of Electrical And Electronics Engineering From 17.12.2018 to 24.12.2018 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Mrs. S. PANDIMEENA,

AP/EEE

Head of the Department

Dr. R. RAJA,


Principal

R
RAJA

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