SYLLABUS/ CURRICULUM



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Madurai - Sivagangai Highway, Arasancor, 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, Siyagami 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



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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



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINNERING ACADEMIC YEAR 2018 – 2019

VACEE1819ESC -ELECTRICAL SAFETY COURSE

Course Schedule

Date	Time	TOPICS
	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),
17/12/2018	1.00 pm to 5.00 pm	Circuits, Ohm's Law. Electromagnetism, Capacitance, Capacitive Reactance, Impedance, Extending Ohm's Law to AC Circuits, Low Impedance Circuit
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
	1.00 pm to 5.00 pm	human body. Improper Grounding, Exposed Electrical Parts, Inadequate Wiring, Damaged Insulation, Overloaded Circuits, Damaged Tools & Equipment.
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-
	1.00 pm to 5.00 pm	Overloaded circuits- Damaged equipment- Exposed electrical parts- Incorrect wiring.
20/12/2018	9.00 am to 12.30 pm	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, Types of fault- Line to
20/12/2010	1.00 pm to 5.00 pm	ground (L-G), Line to line (L-L), Double line to ground (LL-G)
	9.00 am to	
01/10/0010	12.30 pm	RISK ASSESSMENT AND HAZARD ANALYSIS : Advanced techniques for
21/12/2018	1.00 pm to 5.00 pm	identifying electrical hazards-Quantitative risk assessment methodologies (e.g., HAZOP, FMEA)-Job safety analysis (JSA) for electrical work-Utilizing software tools for risk assessment
22/12/2018	9.00 am to 12.30 pm	EMERGENCY PREPAREDNESS AND RESPONSE: Developing
	1.00 pm to 5.00 pm	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

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
1-5		

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



PANDIAN SARASWATHI YADAV

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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 tittle "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.

AP/EEE.

Course Coordinator

andimeena.

AP/EEE.

Head of the Department

Principal.

Dr. R. RAJA M.E., Ph.D., PRINCIPAL

PANDIAN SARASWATHI YADAV ENGINEER VG COLLEGE Arasanoor, Toirumansolai P.O-630 56

Sivagangai Dist, Tamii Nadu

ASSESSMENT PROCEDURE



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

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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: SITALIANI.

- 1. What is the purpose of grounding electrical systems?
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- S) Protective Power Equipment

D Professional Protection Evaluation

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- Replace them with new cords
- d) Ignore the damage as long as they still work

Pandian Saraswathi yadav Engineering College, Arasanoor -630561 Department of Electrical and Electronics Engineering

Student Performance Sheet

Academic Year : 2018-2019

Cource Code : VACEE1819ESC

Course Name : Electrical Safety Course

Duration of hours : 33

Period of Course : 17.12.2018 to 24.12.2018

	Assessment	Marks	
SI. No	Register Number	Student Name	. /
1	912017105002	M.ABARNA	80
2.	912017105005	S.HARIBALAN	82
3	912017105006	T.JEYARAJ .	83
4	912017105008	RJOHN ROBERT	To
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	63
19	912017105303	S.SENTHILNATHAN	770
20	912016105001	AJITH KUMAR M	73
21	912016105002	ARUN KUMAR K	85
22	912016105003	DIVYA DHARSHINI K	26
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 :	9b.

Course coordinator

HOD/EEF



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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

STUDENTS ATTENDANCE

Pandian Saraswathi yadav Engineering College, Arasanoor -630561 Department of Electrical and Electronics Engineering

Student Attendance Sheet

Academic Year : 2018-2019

Cource Code : VACEE1819ESC

Course Name : Electrical Safety Course

Duration of hours : 33

Period of Course : 17.12.2018 to 24.12.2018

G.			Date:					
SI.	Register	Student Name	09.00 am -	10.00 am -	11.15 am -	01.00 pm -	02.00 pm -	03.15 pm -
No	Number		10.00 am	11.00 am	12.15pm	02.00 pm	03.00 pm	04.15 pm
1	912017105002	M.ABARNA	M. Abours	M. Abatine	M. Obara	M. Abarna	M. Abarna	M. Abarne
2	912017105005	S.HARIBALAN	Hori	Haon	Haeri	Hazri	Harri	Hagi
3	912017105006	T.JEYARAJ	T. Jay	T. Au	T. Just	T- Ley	Tites	TAN
4	912017105008	R.JOHN ROBERT	70km	John	Tohn	Ooka	Toha	Toha.
5	912017105009	R.JOYS PREETHI	164	Tour	Tous	Tous	Tour	1045.
6	912017105010	M.KARTHICK	Lever	kege	Icata	licer	learh	look.
7	912017105011	MOTHI BALA VISHAGAN	Bata	Bala	Bala	Bala	Bala	ABALO)
8	912017105013	M.NAVEEN PRASATH	N.B.	N.P.	N.P	NP	NP	NP
9	912017105015	R.ROBIN	Poly	Dobo	Dollar	abbin	- Pobla	Dollar
10	912017105016	B.P.SAKTHI	Saleth	falleti	saleth	salut	Sauth	Salethi
11	912017105017	P.SAKTHI VISHNU PRIYAN	Panyan	Paryan	Priyan	prigue	pariyan	Poryan.
12	912017105018	W.SANTHOSH	Panthos	Santho	Santhern	Santhan	Southwesh	Santhan
13	912017105019	R.SUBA	Suba	Suba	Suba	Cube	Suba	Suba
14	912017105020	S.THIRUBAKARAN	Thiru	Thirm	Thisu	Thise	Thieur	Thisus
15	912017105021	P.USHA NANDHINI	usha	cisha	cushe	cesting	conge	way
16	912017105022	R.VENKAT MURUGAN	- Virtas	Wenka	Henri	thenk at	Vontal	Vento.
17	912017105023	M.VINOTH KUMAR	Vineta	vineth	vinote	Vinech	Moster	VINOTE
18	912017105024	B.YASHWANTH KUMAR	Vashin	Varhuer	Uanus	Yakina	Yarr	yarr
19	912017105303	S.SENTHILNATHAN	Seathi/	Southil	South	Senthil	Serthil	Sontar
20	912016105001	AJITH KUMAR M	AUTH	AUTH	AUTH	AITH	A. ITH	A.IITH
21	912016105002	ARUN KUMAR K	Arein	Azen	Asein	Ascer	Asun	Aguin
22	912016105003	DIVYA DHARSHINI K	Divora	Divya	Divgu	Divya	Divera	Divere.
23	912016105006	KRISHNAKUMAR M	noustre	e leverhore	Kain	Cearin	Cerin	Torih
24	912016105008	MITRA R	Millia	Mitga	Millia	Mitsia	milgia	Mila
25	912016105011	RAGHOTHAMAN V	Rashe	Raghe	Ragho	Rayhe	Ragho	Dache
26	912016105012	SETHUPATHI D	Sether	Sether	Lether	Setter	Cother	Sethel
27	912016105013	SHALINI J	Shalin	Maline	Shalin	The line	Shalini	Shalin
28	912016105014	SIRANJEEVI R	Grown	sipan	Siegon	Sigan	Sisan	SireA
29	912016105017	TAMILSELVI M	amel	Davil.	Tamil	tand	Paroll	James .
30	912016105018	VASANTH M	Varant	varier	Carri	Vasan	varau	Vaserus
31	912016105019	YUVARAJAN G	Yuva	Yava	gava	Yuva	Yuva	Viera
32	912016105302	VIGNESH P	Wigner	Vigner	. (- 1	1	Vignery	Vigness.
33	912016105502	MANIBHARATH S	Mari	Mari	Memi	man	manis	Marin

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

REE

Pandian Saraswathi yadav Engineering College, Arasanoor -630561 Department of Electrical and Electronics Engineering <u>Student Attendance Sheet</u>

Academic Year

: 2018-2019

Cource Code

: VACEE1819ESC

Course Name

: Electrical Safety Course

Duration of hours

: 33

Period of Course

: 17.12.2018 to 24.12.2018

CI	D !4					Date:		
SI.	Register	Student Name	09.00 am'-	10.00 am -	11.15 am -	01.00 pm -	02.00 pm -	03.15 pm -
No	Number		10.00 am	11.00 am	12.15pm	02.00 pm	03.00 pm	04.15 pm
1	912017105002	M.ABARNA	M. Aberma	M. Phone	M. Abarna	M. Abaran	M. Abarnes	M. Aborn
2	912017105005	S.HARIBALAN	harri	Lan	hagui	bassi	hari	han
3	912017105006	T.JEYARAJ	7,400	V. Juy	T And	To fley	1-(10)	A-104
4	912017105008	R.JOHN ROBERT	Panet	Paper	Dobes	Pabes	Robert	Rober
5	912017105009	R.JOYS PREETHI	Poeth	Beethi	Beeti	posethi	Breethi	poeeth
6	912017105010	M.KARTHICK	Lankin	is south	(lasthi	Cesthi	leasthi	Cearit
7	912017105011	MOTHI BALA VISHAGAN	Pola	Rola	Feel	Bolla	Bula	Basla
8	912017105013	M.NAVEEN PRASATH	Basath	prajath	Balath	boarath	Dealath	
9	912017105015	R.ROBIN	Doloin	Doctor	Do law	Daland	Datos	Robin
10	912017105016	B.P.SAKTHI	Calux	Saul	Cua	Qui.	Sailes	Que
11	912017105017	P.SAKTHI VISHNU PRIYAN	Cana	when	Roani	Code	Com	in
12	912017105018	W.SANTHOSH	Santhosh	Contrach	Souther	Contrach	Cantingh	Canthos
13	912017105019	R.SUBA	Sub	Cuter	Suba	Quela	Sucha	Dibe
14	912017105020	S.THIRUBAKARAN	Thisau	Thiour	Thirty	This	Thise	These
15	912017105021	P.USHA NANDHINI	Casha	0 14	Cesha	Cishan	Whan	Celha
16	912017105022	R.VENKAT MURUGAN	Mented)	Wenter	tundal	Manka	Mules	Vontal
17	912017105023	M.VINOTH KUMAR	Mineth	whote	wheth	Vinoth	Wooth	Signo F
18	912017105024	B.YASHWANTH KUMAR	Yashu	Vava	you	MON	yasy	han
19	912017105303	S.SENTHILNATHAN	Southil	Canthi	Sourtil	Control	Southil	Sout
20	912016105001	AJITH KUMAR M	AUTH	AJITH	AJITH	AJITH	PULTH	AJITH
21	912016105002	ARUN KUMAR K	Descia	Drug	Asun	Arun	Aqua	Agroe
22	912016105003	DIVYA DHARSHINI K	Dhoshi.	Mostli	Dhasn	Dhag	Man	Mas
23	912016105006	KRISHNAKUMAR M	1cun 10	Keener	Terra	eleuna	aurias	teur
24	912016105008	MITRA R	Mitora	mitera	Mitron	mitra	mitra	nwitren
25	912016105011	RAGHOTHAMAN V	Paghe	Raghe	Raghe	Raghe	Parhe	Ragu
26	912016105012	SETHUPATHI D	lethu	Sotte	X/H	2. H	S. H.	Sether
27	912016105013	SHALINI J	Stali	Chali	0-01:	Shali	Shale	8hir
28	912016105014	SIRANJEEVI R	Sizas	Elan	6120	Sogon	Caga	Siego
29		TAMILSELVI M	0		Thank		1	
30	912016105018	VASANTH M	Vasa	Vasa	Vair	1 les les	2010	Jako
31	912016105019	YUVARAJAN G	1	IM	1		Valla	Yave
32		VIGNESH P	Jula	Coun	Yuwa	vigner	Yuva 14nox	14900
33		MANIBHARATH S	Man	VI	Mus	Marin	Mari	1

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

HODEEE

Pandian Saraswathi yadav Engineering College, Arasanoor -630561 Department of Electrical and Electronics Engineering

Student Attendance Sheet

Academic Year

: 2018-2019

Cource Code

: VACEE1819ESC

Course Name

: Electrical Safety Course

Duration of hours

: 33

Period of Course

: 17.12.2018 to 24.12.2018

CI	Pagistar	All the second s	Date:					
SI.	Register Number	Student Name	09.00 am -	10.00 am -	11.15 am -	01.00 pm -	02.00 pm -	03.15 pm -
No	Number		10.00 am	11.00 am	12.15pm	02.00 pm	03.00 pm	04.15 pm
1	912017105002	M.ABARNA	M. Abou	M. Abour	M. Abarn	M. Abour	M. Aparin	M. Abar
2	912017105005	S.HARIBALAN	higa	harri	harri	havi	agai	harri
3	912017105006	T.JEYARAJ	T. Am	9 Hay	Hy	2 100	I Jay	1 14
4	912017105008	R.JOHN ROBERT	Patient	Robert	Robert	Robost	Robost	Rober
5	912017105009	R.JOYS PREETHI	Booth	Booth	Dooth	Peroth:	Dreeth	Doroel
6	912017105010	M.KARTHICK	Kartica	Carticle	Karthia	Continu	Kaathio	Carth
7	912017105011	MOTHI BALA VISHAGAN	Ball	Pala	Dalo	Bate	Bala	Ball
8	912017105013	M.NAVEEN PRASATH	Partouth	Property	parath	Peasath	Drasath	prasat
9	912017105015	R.ROBIN	(toby	the lain	Dal.	Dala	DA SA	Can.
10	912017105016	B.P.SAKTHI	Cedith.	Caluly	Calitta	Saletti	Saluth !	CNITE
11	912017105017	P.SAKTHI VISHNU PRIYAN	Paryer	Buyan	20, 46	Brigge	Drivan	Deriva
12	912017105018	W.SANTHOSH	Southark	Contrach	Contine	Buttlett	Santack	Doubt of
13	912017105019	R.SUBA	Suba	Sul	Cala	Que	Cul	Cart
14	912017105020	S.THIRUBAKARAN	Thule	Mila:	This	7.2.	This	Thire
15	912017105021	P.USHA NANDHINI	A) Grand	A landto:	Abronto	Many	No all	122011
16	912017105022	R.VENKAT MURUGAN	V	To the	The state of the s	A day	The state of	M
17	912017105023	M.VINOTH KUMAR	Keralas	14/1A RE	Kunas	Lunas	lunas	Curant
18	912017105024	B.YASHWANTH KUMAR	Carrie	Vanua	Vario	14		yann
19	912017105303	S.SENTHILNATHAN	Continue	Contail	Sports	1 1	yanua	touth
20	912016105001	AJITH KUMAR M	AUTH	PINH	BITH	ALITH	Senta	AUTH
21	912016105002	ARUN KUMAR K	The same	Chi.	Garage Control	1000	Diller	The same
22	912016105003	DIVYA DHARSHINI K	The sol	DIA QUE	alma.	diala	Muss	Magas
23	912016105006	KRISHNAKUMAR M	Masmi	1811	- Preirie	10 silhas	log Nuc	69.86
24	912016105008	MITRA R	The land	M. Luc	Mitya	Mitho	wanne	a du
25	912016105011	RAGHOTHAMAN V	Page	Ragino	Ragho	Raghe	Rathe	pagi
26	912016105012	SETHUPATHI D	O OFF	The state of the s	Soften	Centru	6 also	COL
27	912016105013	SHALINI J	8 fal	Cali	100	Spalin	Shalini	Class
28	912016105014	SIRANJEEVI R	- Con	- Bain	Malin	Thank	Thathi	Thurs
29	912016105017	TAMILSELVI M	Tanital	Jan	The	The con	There	1
30	912016105018	VASANTH M	Cale	C4 0	1	(101	Jan 10	The state of the s
31	912016105019	YUVARAJAN G	1 LUNG	yasu	yash	Yasa	yash	yas
	912016105302	VIGNESH P	VICA	Yuua	your	Kuva	4 ula	Siano
	912016105502	MANIBHARATH S	Vignes	man	vanes	017/10	y vijices	Vane

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

HODEEE

Pandian Saraswathi yadav Engineering College,Arasanoor -630561 Department of Electrical and Electronics Engineering

Student Attendance Sheet

Academic Year

: 2018-2019

Cource Code

: VACEE1819ESC

Course Name

: Electrical Safety Course

Duration of hours

: 33

Period of Course

: 17.12.2018 to 24.12.2018

CI.	Dawieten.					Date:		
SI.	Register Number	Student Name	09.00 am -	10.00 am -	11.15 am -	01.00 pm -	02.00 pm -	03.15 pm -
140	Number		10.00 am	11.00 am	12.15pm	02.00 pm	03.00 pm	04.15 pm
1	912017105002	M.ABARNA	M. Abam	M.Dh	noh	MAL	Mahm	M. Ahm
2	912017105005	S.HARIBALAN	Haga	Ha gar	Hasa	Hagn	Hazri	Han
-3	912017105006	T.JEYARAJ	7-10	TAN	TA	Tolo	1-00	J. 3
4	912017105008	R.JOHN ROBERT	. Robert	Robert	Potent	PODOSE	Robost	Pobe
5	912017105009	R.JOYS PREETHI	Porooth	19epti	Dogg	Doceth	Paroothi	porcel
6	912017105010	M.KARTHICK	Vagrathi	40 and	Wasth		hartn	ast
7	912017105011	MOTHI BALA VISHAGAN	Bala	-200	13000	0(1)	Cale	000
8	912017105013	M.NAVEEN PRASATH	Pagen	masa	paga	Parene	Brasath	prari
9	912017105015	R.ROBIN	1201	26	-0	1 Alexander	1000	Du
10	912017105016	B.P.SAKTHI	Saut.	Salit:	Salite	Saletz	falth.	Saly
11	912017105017	P.SAKTHI VISHNU PRIYAN	Paire	Briller	100 140	Paryon	Priyan	priye
12	912017105018	W.SANTHOSH	Southoch	Jon trool	Soutt St	Sulta S	anti-ol-	Que Ha
13	912017105019	R.SUBA	Suba.	Cabo	Subsa	Cub	Suba	eril
14	912017105020	S.THIRUBAKARAN	76:34	Thian	Tribus	16. 24	The Gru	This
15	912017105021	P.USHA NANDHINI	Wag	cana	(1844)	[SANA	CHALLA	cessos
16	912017105022	R.VENKAT MURUGAN	Charles V	Charles !	Man	Mark	Antra	No. le
17	912017105023	M.VINOTH KUMAR	Linetto	Manath	Wineta	Vinoth	vineth	Vines
18	912017105024	B.YASHWANTH KUMAR	VIIALOS	Lucian	Curana	1 Gernas	lunas	luce
19	912017105303	S.SENTHILNATHAN	Spatz'	Soft :	Cont:	sout.	Contra	Spati
20	912016105001	AJITH KUMAR M	AHTE	AIMH	DITH	A. INTH	Ø11717	AUTH
21	912016105002	ARUN KUMAR K	Asu	40.00	A	-	1240	A.
22	912016105003	DIVYA DHARSHINI K	Dlage	Phase	Phone	Directo	That	The
23	912016105006	KRISHNAKUMAR M	Kerisha	119,100	ligin	- die	Kerish	100 30
24	912016105008	MITRA R	a side	Marken	Mitra	Milan	n'at ma	mifa
25	912016105011	RAGHOTHAMAN V	Day	Ragio	Pache	0.01	Dasho	2001
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27	912016105013	SHALINI J	. 8/1.	80.1.	Madi	of li	Serion	Servi
28	912016105014	SIRANJEEVI R	Rain	D VOLA	Revolu	Panie	Paryon	Record
29	912016105017	TAMILSELVI M	To yet	0	Es.X	Ham	6	
30	912016105018	VASANTH M	Value	Valant	Valen	+ Walest	Varant	Vala
31	912016105019	YUVARAJAN G	Lucia	1/10/10	ULLAM	MANA	VIIIA	Miller
	912016105302	VIGNESH P	ViGas	1 Que M	119mm	Vian	Vigaly	14.600
	912016105502	MANIBHARATH S	- Trev	VITALI	mani	mani	mall	VITA

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/EÆE

Pandian Saraswathi yadav Engineering College,Arasanoor -630561 Department of Electrical and Electronics Engineering

Student Attendance Sheet

Academic Year

: 2018-2019

*Cource Code

: VACEE1819ESC

Course Name

: Electrical Safety Course

Duration of hours

: 33

Period of Course :

: 17.12.2018 to 24.12.2018

CI	D :-	3				Date:		
SI.	Register	Student Name	09.00 am -	10.00 am -	11.15 am -	01.00 pm -	02.00 pm -	03.15 pm -
No	Number		10.00 am	11.00 am	12.15pm	02.00 pm	03.00 pm	04.15 pm
1	912017105002	M.ABARNA	M. Dhary	MAM	M. Dan	m. Ah	M. Dh	M. Ahm
2	912017105005	S.HARIBALAN	Hagy	Harr	Harr	Dagi	Harri	tari
3	912017105006	T.JEYARAJ	FA	Ta	Tap	1.00		1200
4	912017105008	R.JOHN ROBERT	Robert	Robert	Dorbus	Rober	1 20bort	Robe
5	912017105009	R.JOYS PREETHI	Pagetri	Preety	Beetri		i poethi	pree
6	912017105010	M.KARTHICK	Kartin	cartin	least	learth	Hoothi	leaves
7	912017105011	MOTHI BALA VISHAGAN	Ban	Hale	Doub	- Caw	Balo	Belo
8	912017105013	M.NAVEEN PRASATH	Novie	Now	- Cow	100	- 1	Ly
9	912017105015	R.ROBIN	- Du	- Day		Gued	Dus	- Du
10	912017105016	B.P.SAKTHI	Salut	gen.	Stelle	Salu	Jenn	Cu
11	912017105017	P.SAKTHI VISHNU PRIYAN	Ponyan	Donyleia	Deritan	priyan	1971 4GA	Dark
12	912017105018	W.SANTHOSH	Cuntral	and the	South 9	author	Southoll	Souther
13	912017105019	R.SUBA	Suba	Suba	Cube	Criba	Lika	Cul
14	912017105020	S.THIRUBAKARAN	· Thione	Thisner	TURY	higu	Thisu	This
15	912017105021	P.USHA NANDHINI	Cisha	agra	Likha	Who	ceelra	0/9/
16	912017105022	R.VENKAT MURUGAN	Medreza	NILLAU	Luci	Curo	Muru	Mu
17	912017105023	M.VINOTH KUMAR	linetta	UINOTA	Vmoth	Vinoth	rinett	Vinet
18	912017105024	B.YASHWANTH KUMAR	Varsiv	Men	Clair	Cam	Vessu	Van
19	912017105303	S.SENTHILNATHAN	Seathi	Southis	Sentri	Lontrid	Southis	Sener
20	912016105001	AJITH KUMAR M	Aith	Nith	Nith	Alth	Alith	Ailt
21	912016105002	ARUN KUMAR K	Dein	Azein	Dour	Asur	DRILL	0011
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24	912016105008	MITRA R	Neithora	Nictory	withou	neithan	Mittigna	ALITE
25	912016105011	RAGHOTHAMAN V	Rathe	Paghe	Paghe	2 Rooghe	Pagne	poen
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27	912016105013	SHALINI'J	Jen	fus	Juny	tuy	Drus	The
28	912016105014	SIRANJEEVI R	Ster	Sur	802	1 grz	Sim	Com
29	912016105017	TAMILSELVI M	Tanil	Tanil	TRUNIX	Tani	Tanil	Tan
30	912016105018	VASANTH M	Kelanti	Vasanti	vasant	Vascint	Washerty	vam
31	912016105019	YUVARAJAN G	Ynva	Ywwa	Yach	yeur	Muva	Jun
32	912016105302	VIGNESH P	Vanch	Vanex	Vignere	WAROM	Waroch	vigne
33	912016105502	MANIBHARATH S	NAMI	nan	WIGA	01.00	1 60	100

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

HODEFEE

Enrollment Student Name List

Pandian Saraswathi yadav Engineering College, Arasanoor -630561

Department of Electrical And Electronics Engineering

Student Registration Sheet

Academic Year : 2018-2019

Cource Code : VACEE1819ESC

Course Name : Electrical Safety Course

Duration of hours : 33

Period of Course : 17.12.2018 to 24.12.2018

Period Sl.		12.2018 to 24.12.2018	G.
No	Register Number	Student Name	Signature
1	912017105002	M.ABARNA	M. Sour
2	912017105005	S.HARIBALAN	3. haris
3	912017105006	T.JEYARAJ	# 44
4	912017105008	R.JOHN ROBERT	a. Loud
5	912017105009	R.JOYS PREETHI	e equipped
6	912017105010	M.KARTHICK	benton 0
7	912017105011	MOTHI BALA VISHAGAN	MothiBale
8	912017105013	M.NAVEEN PRASATH	Nowcon
9	912017105015	R.ROBIN	R. Rabin
10	912017105016	B.P.SAKTHI	Lahrul
11	912017105017	P.SAKTHI VISHNU PRIYAN	D. Sill.
12	912017105018	W.SANTHOSH	South Ih
13	912017105019	R.SUBA	P. Eubal.
14 -	912017105020	S.THIRUBAKARAN	Tien of
15	912017105021	P.USHA NANDHINI	D. Wh.
16	912017105022	R.VENKAT MURUGAN	Milliegon
17	912017105023	M.VINOTH KUMAR	m. Henlin.
18	912017105024	B.YASHWANTH KUMAR	Sayben termad
19	912017105303	S.SENTHILNATHAN	a. Sint.
20	912016105001	AJITH KUMAR M	Alth
21	912016105002	ARUN KUMAR K	LRUNKIUM .V
22	912016105003	DIVYA DHARSHINI K	Dula.
23	912016105006	KRISHNAKUMAR M	Kuti-m
24	912016105008	MITRA R	Milia
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26	912016105012	SETHUPATHI D	La House to
27	912016105013	SHALINI J	That!
28	912016105014	SIRANJEEVI R	R. Sim
29	912016105017	TAMILSELVI M	tow -
30	912016105018	VASANTH M	Valth . m
31	912016105019	YUVARAJAN G	Yum
32	912016105302	VIGNESH P	divos. P
33	912016105502	MANIBHARATH S	Dist

Course coordinator

HOD EEE

MODEL CERTIFICATES



Approved by AICTE & Affiated 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
나는 사람들은 사람들이 있다. 그는 사람들이 없는 것이 하면 하면 하는 것이 없는 것이 없는 것이 없는 것이다. 그렇게 나를 다 살아 없는 것이다. 그렇게 다른 것이다. 그렇게 다른 것이다. 그렇게 다른 것이다.	participated in the value-added course on Electrical Safety C	Course organized by
the Department of Elec	trical And Electronics Engineering From 17.12.2018 to 24.12	.2018 (35 Hours) at
Pandian Saraswathi Yac	łav Engineering College, Sivagangai.	

Mrs S. PANDIMEENA,

AP/EEE

Head of the Department

RRAJA Digitally signed by R RAJA Date: 2024.07.16 12:23:44 +05'30'

0

Principal



Approved by AICTE & Affiated 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	C. IHTAQUHT32	From Third and
Second year EEE has parti-	cipated in the value-added course on Electrical Safety Co	ourse organized by
the Department of Electrical	And Electronics Engineering From 17.12.2018 to 24.12.2	2018 (35 Hours) at
Pandian Saraswathi Yadav E	ngineering College, Sivagangai.	

Mrs. S.PANDIMEENA,

AP/EEE

Head of the Department

Dr.R.RAJA,

Principal

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



Approved by AICTE & Affiated 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	VASANTH M.	From Third and
Second year EEE has participated in	in the value-added course on Electrical Safe	ety Course organized by
the Department of Electrical And Ele	ectronics Engineering From 17.12.2018 to 2	4.12.2018 (35 Hours) at
Pandian Saraswathi Yadav Engineerin	ng College, Sivagangai.	

Mrs, S.PANDIMEENA,

AP/EEE

Head of the Department

Dr.R.RAJA,

Principal

Digitally signed by R RAJA
Date:
2024.07.16
12:24:21