

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 2020-2021

OBJECTIVE OF THE COURSE

- Provides comprehensive training in electrical wiring and motor winding techniques.
- It includes theoretical knowledge and practical hands-on experience to prepare students for careers in electrical engineering, maintenance, and related fields.

CHAPTER 1:

Introduction to Electrical Wiring: Basic concepts of electricity-Types of wiring systems- Electrical codes and regulations-Safety practices in wiring installations- Electrical Components and Materials:Types of conductors and insulators-Wiring devices: switches, outlets, connectors-Cable types and classifications-Wiring tools and equipment

CHAPTER 2:

Wiring Methods and Techniques: Circuit design and layout-Series and parallel circuits- Installation techniques for residential and commercial applications-Troubleshooting common wiring problems- Introduction to Motor Winding: Motor construction and components-Types of motors and their applications-Principles of electromagnetic induction-Basic winding terminology

CHAPTER 3:

Motor Winding Techniques: Winding procedures for single-phase and three-phase motors-Coil winding methods and patterns-Insulation materials and techniques-Testing and quality control in winding- Transformer Winding-Transformer construction and operation-Types of transformers-Winding configurations for transformers-Transformer testing and maintenance.

CHAPTER 4:

Specialized Winding Applications: Armature winding for DC machines-Stator winding for AC machines-Winding for special-purpose motors (e.g., servo motors, stepper motors)- Custom winding techniques for unique applications- Advanced Topics:Motor repair and reconditioning-Rewinding techniques for damaged motors-Winding optimization for efficiency and performance-Emerging trends in winding technology

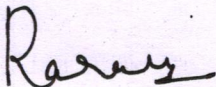
CHAPTER 5:

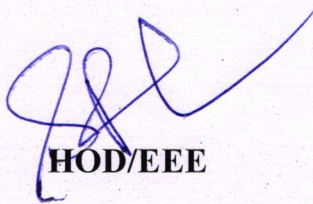
Safety and Compliance: Electrical safety protocols and procedures-Compliance with industry standards and regulations-Personal protective equipment (PPE) usage-Emergency response and evacuation procedures-Practical Hands-On Training:Wiring installations in simulated environments-Motor winding demonstrations and practice sessions-Troubleshooting exercises for wiring and winding systems-Project-based learning opportunities

OUTCOMES:

- Adapt to new technologies and emerging trends in wiring and winding practices.
- Engage in continuous learning and professional development to stay updated with industry advancements.
- Acquire the skills and credentials necessary for entry-level employment in electrical engineering, maintenance, and related fields.
- Prepare for further education and specialization in areas such as electrical design, automation, or renewable energy systems.

Total: 35 hours


Course Coordinator


HOD/EEE


PRINCIPAL



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Department of Electrical And Electronics Engineering

Academic Year 2020-2021

VACEE2021WWG- Wiring and Winding

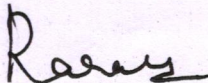
Course Schedule

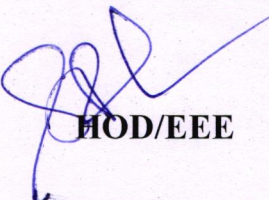
Date	Time	TOPICS
03/12/2020	9.00 am to 12.30 pm	Introduction to Electrical Wiring: Basic concepts of electricity-Types of wiring systems- Electrical codes and regulations-Safety practices in wiring installations- Electrical Components and Materials:Types of conductors and insulators-Wiring devices: switches, outlets, connectors-Cable types and classifications-Wiring tools and equipment
	1.00 pm to 5.00 pm	
04/12/2020	9.00 am to 12.30 pm	Wiring Methods and Techniques: Circuit design and layout-Series and parallel circuits- Installation techniques for residential and commercial applications-Troubleshooting common wiring problems- Introduction to Motor Winding: Motor construction and components-Types of motors and their applications-Principles of electromagnetic induction-Basic winding terminology
	1.00 pm to 5.00 pm	
05/12/2020	9.00 am to 12.30 pm	Motor Winding Techniques: Winding procedures for single-phase and three-phase motors-Coil winding methods and patterns-Insulation materials and techniques-Testing and quality control in winding- Transformer Winding-Transformer construction and operation-Types of transformers-Winding configurations for transformers-Transformer testing and maintenance
	1.00 pm to 5.00 pm	
06/12/2020	9.00 am to 12.30 pm	Specialized Winding Applications: Armature winding for DC machines-Stator winding for AC machines-Winding for special-purpose motors (e.g., servo motors, stepper motors)-Custom winding techniques for unique applications- Advanced Topics:Motor repair and reconditioning- Rewinding techniques for damaged motors-Winding optimization for efficiency and performance-Emerging trends in winding technology
	1.00 pm to 5.00 pm	
07/12/2020	9.00 am to 12.30 pm	Safety and Compliance: Electrical safety protocols and procedures-Compliance with industry standards and regulations-Personal protective equipment (PPE) usage-Emergency response and evacuation procedures-Practical Hands-On Training:Wiring installations in simulated environments-Motor winding demonstrations and practice sessions-Troubleshooting exercises for wiring and winding systems-Project-based learning opportunities
	1.00 pm to 5.00 pm	

Total Hours 35

Tea Break : 10:40 am to 10:55am & 02:45 pm to 13:00 pm

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


Course Coordinator


MOD/EEE


PRINCIPAL



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic Year 2020-2021

One page Report

Name of the course : **Wiring and Winding**
Development Course Code : **VACEE2021WWG**
Course Coordinator : **Mr. A. Parathasarathy**
Date/Duration : 03.12.2020-07.12.2020 — **35 hours**

I here affirm that the Second & Third Year students of strength 23 have been taught the value-added course title “**Wiring and Winding**” as per the syllabus and completed within the stipulated time duration.

I confirm that the value-added course titled “**Wiring and Winding**” 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. A. Parathasarathy,

AP/EEE

Course Co-Ordinator

Mrs. S. Pandimeena,

AP/EEE

Head of the Department

Dr. R. RAJA,

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 Electrical And Electronics Engineering

Academic Year 2020-2021

VACEE2021WWG- Wiring and Winding

Assessment Questions with Answer

1. What is the primary function of electrical wiring?-

- A) To conduct electricity safely and efficiently
- B) To insulate electrical devices
- C) To reduce electrical resistance
- D) To increase voltage

Answer: A) To conduct electricity safely and efficiently

2. Which color is typically used for grounding wires in residential electrical systems in the United States?-

- A) Red
- B) Black
- C) Green
- D) White

Answer: C) Green

3. What type of wire is commonly used for high voltage transmission lines?

- A) Copper wire
- B) Aluminum wire
- C) Silver wire
- D) Gold wire

Answer: B) Aluminum wire

4. Which of the following is a characteristic of a stranded wire compared to a solid wire?

- A) Higher resistance
- B) Greater flexibility
- C) Lower current carrying capacity
- D) Higher tensile strength

Answer: B) Greater flexibility

5. In a standard 120V household circuit, what color is the neutral wire typically?

- A) Black
- B) Red
- C) White
- D) Blue

Answer: C) White

6. What is the primary purpose of winding in electrical machines?

- A) To insulate the machine
- B) To generate a magnetic field
- C) To reduce noise
- D) To increase weight

Answer: B) To generate a magnetic field

7. In an electric motor, what type of winding is placed on the rotor?

- A) Field winding
- B) Armature winding
- C) Secondary winding
- D) Primary winding

Answer: B) Armature winding

8. Which type of winding is generally used in transformers?

- A) Series winding
- B) Shunt winding
- C) Primary and secondary winding
- D) Grid winding

Answer: C) Primary and secondary winding

9. What is the main advantage of using a distributed winding in an alternator?

- A) Reduced cost
- B) Enhanced magnetic field distribution
- C) Simpler construction
- D) Higher mechanical strength

Answer: B) Enhanced magnetic field distribution

10. Which type of winding is used in an induction motor's stator?

- A) Field winding
- B) Armature winding
- C) Cage winding
- D) Squirrel-cage winding

Answer: A) Field winding



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Department of Electrical And Electronics Engineering

Academic Year 2020-2021

VACEE2021WWG- Wiring and Winding

Assessment Test Paper

REGISTER NUMBER: 912018105009

NAME OF THE STUDENT: R. SIVA RANJANA

9
10

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Pandian Saraswathi yadav Engineering College, Arasanoor -630561

Department of Electrical and Electronics Engineering

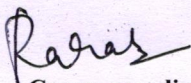
Student Performance Sheet

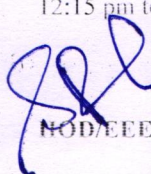
Academic Year : 2020-2021
Course Code : VACEE2021WWG
Course Name : Wiring and Winding
Duration of hours : 35
Period of Course : 03.12.2020-07.12.2020

Assessment Marks			Marks
Sl. No	Register Number	Student Name	
1	912019105001	T.BABU	85
2	912019105002	K.DINESH	84
3	912019105003	J.GODSON	83
4	912019105004	M.KAVIYARASU	80
5	912019105005	N	87
6	912019105006	K.MOORTHY	88
7	912019105007	M.PANTHESWARAN	89
8	912019105008	A.SANJEEVKUMAR	90
9	912019105009	S.SATHISHKUMAR	93
10	912019105010	R.SIVANESAN	94
11	912019105012	M.SRIMALAVIKA	96
12	912019105013	M.VALLARASU	85
13	912018105001	S.ARUNKUMAR	84
14	912018105002	S.P.BUVANEESWARAN	87
15	912018105003	KUMAR	75
16	912018105004	S.JEEVA	86
17	912018105005	A.KAVINMATHI	87
18	912018105007	K.RAMADHARSHINI	88
19	912018105008	K.SARANYA	89
20	912018105009	R.SIVA RANJANA	90
21	912018105010	I.THAMIZHARASI	91
22	912018105011	M.VIJAYAKUMAR	92
23	912018105301	J.I.MANOJ RAJ	93

Tea Break
Lunch Break

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


Course coordinator


HOD/EEE


PRINCIPAL



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Department of Electrical And Electronics Engineering

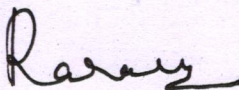
Academic Year 2020-2021

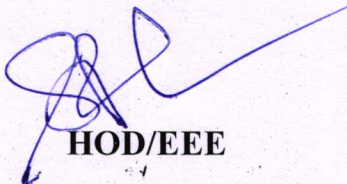
VACEE2021WWG- Wiring and Winding

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 : 2020-2021

Course Code : VACEE2021WWG

Course Name : Wiring and Winding

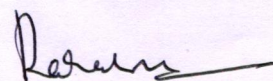
Duration of hours : 35

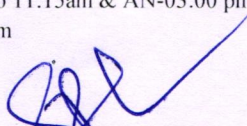
Period of Course : 03.12.2020-07.12.2020

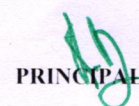
Attendance Sheet			Date:					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912019105001	T.BABU	P	P	P	P	P	P
2	912019105002	K.DINESH	P	P	P	P	P	P
3	912019105003	J.GODSON	P	P	P	P	P	P
4	912019105004	M.KAVIYARASU	P	P	P	P	P	P
5	912019105005	MP.MADHANAGOPALAN	P	P	P	P	P	P
6	912019105006	K.MOORTHY	P	P	P	P	P	P
7	912019105007	M.PANTHEESWARAN	P	P	P	P	P	P
8	912019105008	A.SANJEEVKUMAR	P	P	P	P	P	P
9	912019105009	S.SATHISHKUMAR	P	P	P	P	P	P
10	912019105010	R.SIVANESAN	P	P	P	P	P	P
11	912019105012	M.SRIMALAVIKA	P	P	P	P	P	P
12	912019105013	M.VALLARASU	P	P	P	P	P	P
13	912018105001	S.ARUNKUMAR	P	P	P	P	P	P
14	912018105002	S.P.BUVANEESWARAN	P	P	P	P	P	P
15	912018105003	M.GOKULSARAVANA KUMAR	P	P	P	P	P	P
16	912018105004	S.JEEVA	P	P	P	P	P	P
17	912018105005	A.KAVINMATHI	P	P	P	P	P	P
18	912018105007	K.RAMADHARSHINI	P	P	P	P	P	P
19	912018105008	K.SARANYA	P	P	P	P	P	P
20	912018105009	R.SIVA RANJANA	P	P	P	P	P	P
21	912018105010	I.THAMIZHARASI	P	P	P	P	P	P
22	912018105011	M.VIJAYAKUMAR	P	P	P	P	P	P
23	912018105301	J.I.MANOJ RAJ	P	P	P	P	P	P

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 : 2020-2021

Course Code : VACEE2021WWG

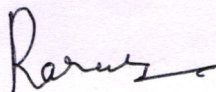
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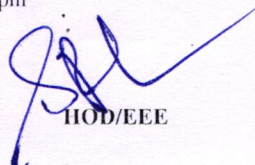
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14	912018105002	S.P.BUVANEESWARAN	P	P	P	P	P	P
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22	912018105011	M.VIJAYAKUMAR	P	P	P	P	P	P
23	912018105301	J.I.MANOJ RAJ	P	P	P	P	P	P

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 : 2020-2021

Course Code : VACEE2021WWG

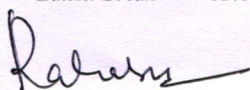
Course Name : Wiring and Winding

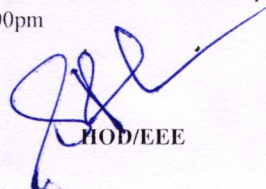
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2	912019105002	K.DINESH	P	P	P	P	P	P
3	912019105003	J.GODSON	P	P	P	P	P	P
4	912019105004	M.KAVIYARASU	P	P	P	P	P	P
5	912019105005	MP.MADHANAGOPALAN	P	P	P	P	P	P
6	912019105006	K.MOORTHY	P	P	P	P	P	P
7	912019105007	M.PANTHEESWARAN	P	P	P	P	P	P
8	912019105008	A.SANJEEVKUMAR	P	P	P	P	P	P
9	912019105009	S.SATHISHKUMAR	P	P	P	P	P	P
10	912019105010	R.SIVANESAN	P	P	P	P	P	P
11	912019105012	M.SRIMALAVIKA	P	P	P	P	P	P
12	912019105013	M.VALLARASU	P	P	P	P	P	P
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14	912018105002	S.P.BUVANEESWARAN	P	P	P	P	P	P
15	912018105003	M.GOKULSARAVANA KUMAR	P	P	P	P	P	P
16	912018105004	S.JEEVA	P	P	P	P	P	P
17	912018105005	A.KAVINMATHI	P	P	P	P	P	P
18	912018105007	K.RAMADHARSHINI	P	P	P	P	P	P
19	912018105008	K.SARANYA	P	P	P	P	P	P
20	912018105009	R.SIVA RANJANA	P	P	P	P	P	P
21	912018105010	I.THAMIZHARASI	P	P	P	P	P	P
22	912018105011	M.VIJAYAKUMAR	P	P	P	P	P	P
23	912018105301	J.I.MANOJ RAJ	P	P	P	P	P	P

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 : 2020-2021

Course Code : VACEE2021WWG

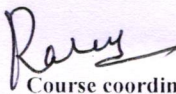
Course Name : Wiring and Winding

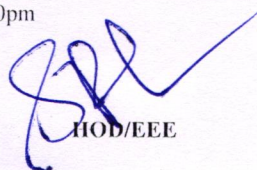
Duration of hours : 35

Period of Course : 03.12.2020-07.12.2020

Attendance Sheet			Date:					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912019105001	T.BABU	P	P	P	P	P	P
2	912019105002	K.DINESH	P	P	P	P	P	P
3	912019105003	J.GODSON	P	P	P	P	P	P
4	912019105004	M.KAVIYARASU	P	P	P	P	P	P
5	912019105005	MP.MADHANAGOPALAN	P	P	P	P	P	P
6	912019105006	K.MOORTHY	P	P	P	P	P	P
7	912019105007	M.PANTHEESWARAN	P	P	P	P	P	P
8	912019105008	A.SANJEEVKUMAR	P	P	P	P	P	P
9	912019105009	S.SATHISHKUMAR	P	P	P	P	P	P
10	912019105010	R.SIVANESAN	P	P	P	P	P	P
11	912019105012	M.SRIMALAVIKA	P	P	P	P	P	P
12	912019105013	M.VALLARASU	P	P	P	P	P	P
13	912018105001	S.ARUNKUMAR	P	P	P	P	P	P
14	912018105002	S.P.BUVANEESWARAN	P	P	P	P	P	P
15	912018105003	M.GOKULSARAVANA KUMAR	P	P	P	P	P	P
16	912018105004	S.JEEVA	P	P	P	P	P	P
17	912018105005	A.KAVINMATHI	P	P	P	P	P	P
18	912018105007	K.RAMADHARSHINI	P	P	P	P	P	P
19	912018105008	K.SARANYA	P	P	P	P	P	P
20	912018105009	R.SIVA RANJANA	P	P	P	P	P	P
21	912018105010	I.THAMIZHARASI	P	P	P	P	P	P
22	912018105011	M.VIJAYAKUMAR	P	P	P	P	P	P
23	912018105301	J.I.MANOJ RAJ	P	P	P	P	P	P

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 : 2020-2021

Course Code : VACEE2021WWG

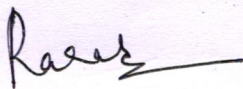
Course Name : Wiring and Winding

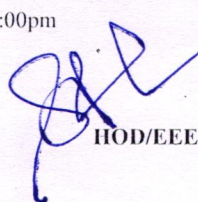
Duration of hours : 35

Period of Course : 03.12.2020-07.12.2020

Attendance Sheet			Date:					
Sl. No	Register Number	Student Name	09.00 am - 10.00 am	10.00 am - 11.00 am	11.15 am - 12.15 pm	01.00 pm - 02.00 pm	02.00 pm - 03.00 pm	03.15 pm - 04.15 pm
1	912019105001	T.BABU	P	P	P	P	P	P
2	912019105002	K.DINESH	P	P	P	P	P	P
3	912019105003	J.GODSON	P	P	P	P	P	P
4	912019105004	M.KAVIYARASU	P	P	P	P	P	P
5	912019105005	MP.MADHANAGOPALAN	P	P	P	P	P	P
6	912019105006	K.MOORTHY	P	P	P	P	P	P
7	912019105007	M.PANTHEESWARAN	P	P	P	P	P	P
8	912019105008	A.SANJEEVKUMAR	P	P	P	P	P	P
9	912019105009	S.SATHISHKUMAR	P	P	P	P	P	P
10	912019105010	R.SIVANESAN	P	P	P	P	P	P
11	912019105012	M.SRIMALAVIKA	P	P	P	P	P	P
12	912019105013	M.VALLARASU	P	P	P	P	P	P
13	912018105001	S.ARUNKUMAR	P	P	P	P	P	P
14	912018105002	S.P.BUVANEESWARAN	P	P	P	P	P	P
15	912018105003	M.GOKULSARAVANA KUMAR	P	P	P	P	P	P
16	912018105004	S.JEEVA	P	P	P	P	P	P
17	912018105005	A.KAVINMATHI	P	P	P	P	P	P
18	912018105007	K.RAMADHARSHINI	P	P	P	P	P	P
19	912018105008	K.SARANYA	P	P	P	P	P	P
20	912018105009	R.SIVA RANJANA	P	P	P	P	P	P
21	912018105010	I.THAMIZHARASI	P	P	P	P	P	P
22	912018105011	M.VIJAYAKUMAR	P	P	P	P	P	P
23	912018105301	J.I.MANOJ RAJ	P	P	P	P	P	P

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

Student Registration Sheet

Academic Year : 2020-2021

Course Code : VACEE2021WWG

Course Name : Wiring and Winding

Duration of hours : 35

Period of Course : 03.12.2020-07.12.2020

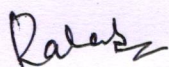
Enrolled Students List			Signature
Sl. No	Register Number	Student Name	
1	912019105001	T.BABU	P
2	912019105002	K.DINESH	P
3	912019105003	J.GODSON	P
4	912019105004	M.KAVIYARASU	P
5	912019105005	MP.MADHANAGOPALAN	P
6	912019105006	K.MOORTHY	P
7	912019105007	M.PANTHEESWARAN	P
8	912019105008	A.SANJEEVKUMAR	P
9	912019105009	S.SATHISHKUMAR	P
10	912019105010	R.SIVANESAN	P
11	912019105012	M.SRIMALAVIKA	P
12	912019105013	M.VALLARASU	P
13	912018105001	S.ARUNKUMAR	P
14	912018105002	S.P.BUVANEESWARAN	P
15	912018105003	M.GOKULSARAVANA KUMAR	P
16	912018105004	S.JEEVA	P
17	912018105005	A.KAVINMATHI	P
18	912018105007	K.RAMADHARSHINI	P
19	912018105008	K.SARANYA	P
20	912018105009	R.SIVA RANJANA	P
21	912018105010	I.THAMIZHARASI	P
22	912018105011	M.VIJAYAKUMAR	P
23	912018105301	J.I.MANOJ RAJ	P

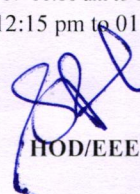
Tea Break

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

Lunch Break

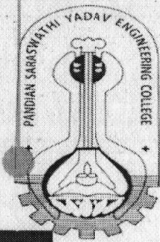
12:15 pm to 01:00pm


Course coordinator


HOD/EEE


PRINCIPAL

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
Wiring And winding

Organized by


**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

CERTIFICATE

This is Certify that **K. SARANYA.** From **Second And Third year EEE** has participated in the value-added course on **WIRING AND WINDING** organized by the Department of Electrical And Electronics Engineering From 3.12.2020 to 07.12.2020 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.

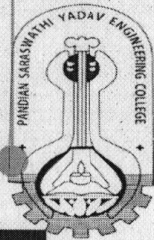

Mrs.S.Pandimeena
AP/EEE

Head of the Department


Dr.R.RAJA
Principal

R
RAJA

Digitally signed
by R RAJA
Date:
2024.07.15
14:45:41 +05'30'



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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

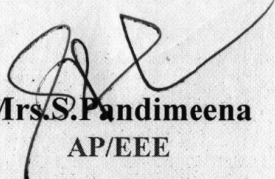
Value added course on
Wiring And winding

Organized by

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

CERTIFICATE

This is Certify that **S.ARUN KUMAR** From **Second And Third year EEE** has participated in the value-added course on **WIRING AND WINDING** organized by the Department of Electrical And Electronics Engineering From 3.12.2020 to 07.12.2020 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Mrs.S.Pandimeena

AP/EEE

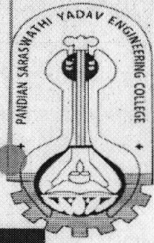
Head of the Department


Dr.R.RAJA

Principal

**R
RAJA**

Digitally signed
by R RAJA
Date:
2024.07.15
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+05'30'



PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

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

Value added course on
Wiring And winding

Organized by


**DEPARTMENT OF ELECTRICAL AND ELECTRONICS
ENGINEERING**

CERTIFICATE

This is Certify that S.JEEVA From **Second And Third year EEE** has participated in the value-added course on **WIRING AND WINDING** organized by the Department of Electrical And Electronics Engineering From 3.12.2020 to 07.12.2020 (35 Hours) at Pandian Saraswathi Yadav Engineering College, Sivagangai.


Mrs.S.Pandimeena
AP/EEE

Head of the Department


Dr.R.RAJA
Principal

**R
RAJA**

Digitally signed
by R RAJA
Date:
2024.07.15
14:46:14 +05'30'