



# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar  
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Dt: 08/09/2022

To  
The principal,  
Vaageswari college of Engineering,  
Karimnagar.

Respected sir,

**Sub:** Requisition to conduct Add-on/certification program on "ADVANCES ON NONCONVENTIONAL ENERGY SOURCES" for EEE II III and IV year Students from 11<sup>th</sup> September 2022 to 15<sup>th</sup> September 2022-reg.

It is our pleasure to inform you that the Department of EEE is planning to conduct Add-on/ Certification program on "ADVANCES ON NONCONVENTIONAL ENERGY SOURCES" for EEE II III and IV year Students from 11<sup>th</sup> September 2022 to 15<sup>th</sup> September 2022. Energy is the driving force behind all economic activities. In particular, the availability of suitable and sufficient energy sources, development of environmental friendly utilization technologies and the cost of energy have been extremely important factors needing immediate attention. The aim of this FDP is to impart research skills to the beginners, improve the quality of research among the existing researchers in the area of renewable energy. This programme will bring a positive transformation among the faculty members towards research work and enable the participants to develop competence in understanding recent advances in renewable energy systems.

The student can get knowledge on:

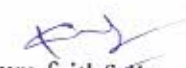
- Electrical Vehicle's Future in India.
- Future of Non-Conventional Energy Sources in India.
- Wind Energy, technology and Geographical Aspects..

In this connection, I request you to grant permission to conduct the above said program. Hoping you early response for this approval.


Thanking you sir.

Enclosure:

- Circular
- Broacher
- Day wise schedule

  
Yours faithfully

Coordinator

  
**Principal**  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



ESTD : 2005

# VAAGESWARI COLLEGE OF ENGINEERING

(Sponsored by SREE VAAGESWARI EDUCATIONAL SOCIETY)

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## CERTIFICATE PROGRAM

On  
**ADVANCES ON NONCONVENTIONAL ENERGY SOURCES**

*Organized By*

**DEPARTMENT OF EEE**

**11<sup>th</sup> September 2022**

**TO**

**17<sup>th</sup> September 2022**

**FROM 10.30 PM TO 4.30 PM**

**Through OFFLINE mode**

### About the Programmed

Energy is the driving force behind all economic activities. In particular, the availability of suitable and sufficient energy sources, development of environmental friendly utilization technologies and the cost of energy have been extremely important factors needing immediate attention. The aim of this FDP is to impart research skills to the beginners, improve the quality of research among the existing researchers in the area of renewable energy. This programme will bring a positive transformation among the faculty members towards research work and enable the participants to develop competence in understanding recent advances in renewable energy systems.

#### PROGRAM OUTCOME:

- Various types of Non-Conventional Energy Sources.
- Electrical Vehicle's Future in India.
- Future of Non-Conventional Energy Sources in India.
- Wind Energy, technology and Geographical Aspects..

#### For Further Information Contact

*Coordinator*

**K. RAMESH**

Asst. prof.Department of EEE

**NOTE: Add on Certificate program enrollment form is available at the department or contact Co -Coordinator**

**Principal**

Vaageswari College of Engineering



## VAAGESWARI COLLEGE OF ENGINEERING

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### CIRCULAR

All the staff and students are here by informed that the Department of EEE is going to organize a 05 Days Add-On/Certification program for EEE II III and IV year students on "Advances On Non Conventional Energy Sources" from 11<sup>th</sup> September 2022 to 15<sup>th</sup> September 2022.

**NOTE:** For further details please contact the course coordinator

Mr.N.KIRAN KUMAR

Assoc. prof.Department of EEE

9959793748

  
HOD

  
PRINICIPAL

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.





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Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar  
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Type of program: Add-On/ Certificate program

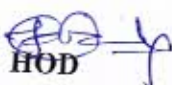
Title: ADVANCES ON NONCONVENTIONAL ENERGY SOURCES

Duration: 05 Days

Dates: 11<sup>th</sup> September 2022 to 15<sup>th</sup> September 2022

## Day Wise Schedule

Days	Topics Covered	Time
Day 1	Reg. & Inauguration Various types of Non-Conventional Energy Sources	10:30am to 4:30pm
Day 2	Electrical Vehicle's Future in India	10:30am to 4:30pm
Day 3	Future of Non-Conventional Energy Sources in India	10:30am to 4:30pm
Day 4	Wind Energy, technology and Geographical Aspects	10:30am to 4:30pm
Day 5	Advances in Material Science for development of Renewable energy Sources	10:30am to 4:30pm

  
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## DEPARTMENT OF EEE

Type of program: Add-On/Certification program

Class/Semester: EEE II III and IV

Title: ADVANCES ON NONCONVENTIONAL ENERGY SOURCES

Duration: 05 days

Dates: 11<sup>th</sup> September 2022 to 15<sup>th</sup> September 2022

## ATTENDANCE SHEET

S.NO	Hall Ticket Number	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5
1	17S41A0211	✓	✓	✓	✓	✓
2	18S41A0226	✓	✓	✓	✓	✓
3	18S41A0250	✓	✓	✓	✓	✓
4	19S41A0201	✓	✓	✓	✓	✓
5	19S41A0202	✓	✓	✓	✓	✓
6	19S41A0203	✓	✓	✓	✓	✓
7	19S41A0204	✓	✓	✓	✓	✓
8	19S41A0205	✓	✓	✓	✓	✓
9	19S41A0206	✓	✓	✓	✓	✓
10	19S41A0207	✓	✓	✓	✓	✓
11	19S41A0208	✓	✓	✓	✓	✓
12	19S41A0209	✓	✓	✓	✓	✓
13	19S41A0210	✓	✓	✓	✓	✓
14	19S41A0211	✓	✓	✓	✓	✓
15	19S41A0212	✓	✓	✓	✓	✓
16	19S41A0213	✓	✓	✓	✓	✓
17	19S41A0214	✓	✓	✓	✓	✓
18	19S41A0215	✓	✓	✓	✓	✓
19	19S41A0216	✓	✓	✓	✓	✓
20	19S41A0217	✓	✓	✓	✓	✓
21	19S41A0218	✓	✓	✓	✓	✓
22	19S41A0219	✓	✓	✓	✓	✓
23	19S41A0220	✓	✓	✓	✓	✓
24	19S41A0221	✓	✓	✓	✓	✓
25	19S41A0222	✓	✓	✓	✓	✓
26	19S41A0223	✓	✓	✓	✓	✓
27	19S41A0224	✓	✓	✓	✓	✓
28	19S41A0225	✓	✓	✓	✓	✓

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29	19S41A0226	✓	✓	✓	✓	✓
30	19S41A0227	✓	✓	✓	✓	✓
31	19S41A0228	✓	✓	✓	✓	✓
32	19S41A0229	✓	✓	✓	✓	✓
33	19S41A0230	✓	✓	✓	✓	✓
34	19S41A0231	✓	✓	✓	✓	✓
35	19S41A0232	✓	✓	✓	✓	✓
36	20S45A0201	✓	✓	✓	✓	✓
37	20S45A0202	✓	✓	✓	✓	✓
38	20S45A0203	✓	✓	✓	✓	✓
39	20S45A0204	✓	✓	✓	✓	✓
40	20S45A0205	✓	✓	✓	✓	✓
42	20S45A0206	✓	✓	✓	✓	✓
43	20S45A0207	✓	✓	✓	✓	✓
44	20S45A0208	✓	✓	✓	✓	✓
45	20S45A0209	✓	✓	✓	✓	✓
46	20S45A0210	✓	✓	✓	✓	✓
47	20S45A0211	✓	✓	✓	✓	✓
48	20S45A0212	✓	✓	✓	✓	✓
49	20S45A0213	✓	✓	✓	✓	✓
50	20S45A0214	✓	✓	✓	✓	✓
51	20S45A0215	✓	✓	✓	✓	✓
52	20S45A0216	✓	✓	✓	✓	✓
53	20S45A0217	✓	✓	✓	✓	✓
54	20S45A0218	✓	✓	✓	✓	✓
55	20S45A0219	✓	✓	✓	✓	✓
56	20S45A0220	✓	✓	✓	✓	✓
57	20S45A0221	✓	✓	✓	✓	✓
58	20S45A0222	✓	✓	✓	✓	✓
59	20S45A0239	✓	✓	✓	✓	✓
60	20S45A0240	✓	✓	✓	✓	✓
61	20S45A0241	✓	✓	✓	✓	✓
62	20S45A0242	✓	✓	✓	✓	✓
63	20S45A0243	✓	✓	✓	✓	✓
64	20S45A0244	✓	✓	✓	✓	✓
65	20S45A0245	✓	✓	✓	✓	✓
66	20S45A0246	✓	✓	✓	✓	✓
67	20S45A0247	✓	✓	✓	✓	✓
68	20S45A0248	✓	✓	✓	✓	✓
69	20S45A0249	✓	✓	✓	✓	✓
70	20S45A0250	✓	✓	✓	✓	✓
71	20S45A0251	✓	✓	✓	✓	✓
72	20S45A0252	✓	✓	✓	✓	✓
73	20S45A0253	✓	✓	✓	✓	✓
74	20S45A0254	✓	✓	✓	✓	✓
75	20S45A0255	✓	✓	✓	✓	✓

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76	20S45A0256	✓	✓	✓	✓	✓
77	20S45A0257	✓	✓	✓	✓	✓
78	20S45A0258	✓	✓	✓	✓	✓
79	20S45A0259	✓	✓	✓	✓	✓
80	20S45A0260	✓	✓	✓	✓	✓
81	20S45A0261	✓	✓	✓	✓	✓
82	20S41A0201	✓	✓	✓	✓	✓
83	20S41A0202	✓	✓	✓	✓	✓
84	20S41A0203	✓	✓	✓	✓	✓
85	20S41A0204	✓	✓	✓	✓	✓
86	20S41A0205	✓	✓	✓	✓	✓
87	20S41A0206	✓	✓	✓	✓	✓
88	20S41A0207	✓	✓	✓	✓	✓
89	20S41A0208	✓	✓	✓	✓	✓
90	20S41A0209	✓	✓	✓	✓	✓
91	20S41A0210	✓	✓	✓	✓	✓
92	20S41A0211	✓	✓	✓	✓	✓
93	20S41A0212	✓	✓	✓	✓	✓
94	20S41A0213	✓	✓	✓	✓	✓
95	20S41A0214	✓	✓	✓	✓	✓
96	20S41A0215	✓	✓	✓	✓	✓
97	20S41A0216	✓	✓	✓	✓	✓
98	20S41A0217	✓	✓	✓	✓	✓
99	20S41A0218	✓	✓	✓	✓	✓
100	20S41A0219	✓	✓	✓	✓	✓
101	20S41A0220	✓	✓	✓	✓	✓
102	20S41A0221	✓	✓	✓	✓	✓
103	20S41A0222	✓	✓	✓	✓	✓
104	20S41A0223	✓	✓	✓	✓	✓
105	20S41A0224	✓	✓	✓	✓	✓
106	20S41A0225	✓	✓	✓	✓	✓
107	20S41A0226	✓	✓	✓	✓	✓
108	20S41A0227	✓	✓	✓	✓	✓
109	20S41A0228	✓	✓	✓	✓	✓
110	20S41A0229	✓	✓	✓	✓	✓
111	20S41A0230	✓	✓	✓	✓	✓
112	20S41A0231	✓	✓	✓	✓	✓
113	20S45A0252	✓	✓	✓	✓	✓
114	20S41A0205	✓	✓	✓	✓	✓
115	20S41A0206	✓	✓	✓	✓	✓
116	20S41A0207	✓	✓	✓	✓	✓
117	20S41A0208	✓	✓	✓	✓	✓
118	20S41A0209	✓	✓	✓	✓	✓
119	20S41A0210	✓	✓	✓	✓	✓
120	20S41A0211	✓	✓	✓	✓	✓

  
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# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

## REPORT

**Date:** 17/09/2022

**Academic year:** 2022-2023

**Class and semester:** EEE II III and IV years

**Title:** ADVANCES ON NONCONVENTIONAL ENERGY SOURCES.

**Duration:** 32Hours (7 Hrs per Day) during 11<sup>th</sup> September 2022 to 15<sup>th</sup> September 2022.

**Number of students completed the add on program:** 120


### Summary Report of the program with outcome:


This Add on Course provided an opportunity for the students to learn the Advances On Non Conventional Energy Sources.

Energy is the driving force behind all economic activities. In particular, the availability of suitable and sufficient energy sources, development of environmental friendly utilization technologies and the cost of energy have been extremely important factors needing immediate attention. The aim of this FDP is to impart research skills to the beginners, improve the quality of research among the existing researchers in the area of renewable energy. This programme will bring a positive transformation among the faculty members towards research work and enable the participants to develop competence in understanding recent advances in renewable energy systems.

The student can get knowledge on:

- Various types of Non-Conventional Energy Sources.
- Electrical Vehicle's Future in India.
- Future of Non-Conventional Energy Sources in India.
- Wind Energy, technology and Geographical Aspects.
- Advances in Material Science for development of Renewable energy Sources. Perspectives of electrification of vehicles

  
Signature of faculty

  
**Principal**  
Vaageswari College of Engineering  
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Date: 16/02/2023

## CERTIFICATE

This is to certify that **Mr.K.RAMESH** Associate professor Department of EEE has designed and developed the curriculum for Add on certificate course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES" during the academic year 2022-23.

  
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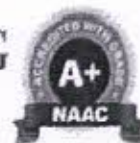
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Date: 16/02/2023

## CERTIFICATE

This is to certify that **Mr.S.PRAVEEN** Assistant professor Department of EEE has designed and developed the curriculum for Add on certificate course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES" during the academic year 2022-23.

  
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ESTD : 2005

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Date: 16/02/2023

## CERTIFICATE

This is to certify that **Mr.Dr.K.CHANDRAMOULI** Professor Department of EEE has designed and developed the curriculum for Add on certificate course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES" during the academic year 2022-23.

  
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Date: 16/02/2023

## CERTIFICATE

This is to certify that **Mr.J.RAJU** Assistant professor Department of EEE has designed and developed the curriculum for Add on certificate course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES" during the academic year 2022-23.

  
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Date: 17/09/2022

## CERTIFICATE

This is to certify that **Mrs. M.Mamatha** Assistant professor Department of EEE has designed and developed the curriculum for Add on certificate course on “**ADVANCES ON NONCONVENTIONAL ENERGY SOURCES**” during the academic year 2022-23.

  
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Date: 16/02/2023

## CERTIFICATE

This is to certify that **Mrs.S.MOUNIKA** Assistant professor Department of EEE has designed and developed the curriculum for Add on certificate course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES" during the academic year 2022-23.

  
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Date: 17/09/2022

## CERTIFICATE

This is to certify that **Mr. J.Raju** Assistant professor Department of EEE has designed and developed the curriculum for Add on certificate course on “**ADVANCES ON NONCONVENTIONAL ENERGY SOURCES**” during the academic year 2022-23.

  
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Principal  
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# VAAGESWARI COLLEGE OF ENGINEERING

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Add-On/Certification Course on "Advances On Non Conventional Energy Sources"

## FEEDBACK FORM

Name Bojja Kiran Sai Branch/Year EEE IV<sup>th</sup> Year Please complete the evaluation For Add on course on "Advances On Non Conventional Energy Sources". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I Learn the recent Technology used in project management on electrical vehicle in future

2. How will you implement this (course) into your academics?

I want to do one mini project on non conventional energy sources

Suggestions: The program was good and it is well full require one more program on this program topic

Thank you for taking the time to help us to improve our training.



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Add-On/Certification Course on "Advances On Non Conventional Energy Sources"

## FEEDBACK FORM

Name Chitla Goutham Branch/Year EEE IV year. Please complete the evaluation For Add on course on "Advances On Non Conventional Energy Sources". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology used in project management on electrical vehicle in future.

2. How will you implement this (course) into your academics?

I want to do one mini project on non-conventional energy sources

Suggestions: The program was good and it is help full require one more program on this topic

Thank you for taking the time to help us to improve our training.





# VAAGESWARI COLLEGE OF ENGINEERING

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Add-On/Certification Course on "Advances On Non Conventional Energy Sources"

## FEEDBACK FORM

Name Chuluka. Mahesh Branch/Year EEE-III year Please complete the evaluation For Add on course on "Advances On Non Conventional Energy Sources". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent Technology used in project Management on Electrical Vehicle in future.

2. How will you implement this (course) into your academics?

I want to do 1-min project on Non-conventional Energy Sources.

Suggestions:

The program was good & it is helpful require one more program on this topic.

Thank you for taking the time to help us to improve our training.



# VAAGESWARI COLLEGE OF ENGINEERING

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Add-On/Certification Course on "Advances On Non Conventional Energy Sources"

## FEEDBACK FORM

Name Neeli Lahari Branch/Year EEE-III year Please complete the evaluation For Add on course on "Advances On Non Conventional Energy Sources". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology used in project management on electrical vehicle in future

2. How will you implement this (course) into your academics?

I want to do one mini project on non-conventional energy sources

Suggestions: The program was good and it is helpful require one more program on this topic

Thank you for taking the time to help us to improve our training.





# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Add-On/Certification Course on "Advances On Non Conventional Energy Sources"

## FEEDBACK FORM

Name Burra Rohan Branch/Year EEE-II Please complete the evaluation For Add on course on "Advances On Non Conventional Energy Sources". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient		✓		
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology is used for project management electric vehicles in future

2. How will you implement this (course) into your academics?

I want to do one mini project on Non conventional energy sources

Suggestions: The program was good and it is helpful. require one more program on this topic

Thank you for taking the time to help us to improve our training.





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## REPORT

Date: 18/02/2023

Academic year: 2022-2023

Class and semester: EEE II III and IV years

Title: Power Electronics Applications in Smart Grids and Electric vehicles.

Duration: 32 Hours (7 Hrs per Day) during 13<sup>th</sup> February 2023 to 17<sup>th</sup> February 2023.

Number of students completed the add on program: 120

### Summary Report of the program with outcome:

This Add on Course provided an opportunity for the students to learn the basic Power Electronics Applications in Smart Grids and Electric vehicles.

This course contains The importance of power electronics has grown over the years due to several factors. Power electronics is interdisciplinary in nature and is used in a wide variety of areas of Electric Drives, Power Quality in Power Systems and Renewable Energy systems.

The student can get knowledge on:

- Grid Security and optimization
- Sensor-less Techniques
- Energy Management & Storage

Signature of faculty

**Principal**  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



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Dt: 08/02/2023

To

The principal,  
Vaageswari college of Engineering,  
Karimnagar.

Respected sir,

**SuL.** Requisition to conduct Add-on/certification program on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES " for EEE II III and IV year Students from 13<sup>th</sup> February 2023 to 17<sup>th</sup> February 2023-reg

It is our pleasure to inform you that the Department of EEE is planning to conduct Add-on/ Certification program on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES " for EEE II III and IV year Students from 13<sup>th</sup> February 2023 to 15<sup>th</sup> February 2023. This course contains The importance of power electronics has grown over the years due to several factors. Power electronics is interdisciplinary in nature and is used in a wide variety of area of Electric Drives, Power Quality in Power Systems and Renewable Energy systems.

The student can get knowledge on:

- Grid Security and optimization
- Sensor-less Techniques
- Energy Management & Storage
- 

In this connection, I request you to grant permission to conduct the above said program. Hoping you early response for this approval.

Thanking you sir.

Enclosure:

- Circular
- Broacher
- Day wise schedule

Yours faithfully

  
Coordinator

  
Principal  
Vaageswari College of Engineering  
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ESTD : 2005

**CERTIFICATE PROGRAM**  
**On**  
**POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND**  
**ELECTRIC VEHICLES**

*Organized By*

**DEPARTMENT OF EEE**

**13<sup>th</sup> February 2023**

**TO**

**17<sup>th</sup> February 2023**

**FROM 10.30 PM TO 4.30 PM**

**Through OFFLINE mode**

**About the Programmed**

The importance of power electronics has grown over the years due to several factors. Power electronics is interdisciplinary in nature and is used in a wide variety of area of Electric Drives, Power Quality in Power Systems and Renewable Energy systems.

**PROGRAM OUTCOME:**

- DC-DC converters in HEV's Multilevel Inverters.
- Battery Charging Systems
- Latest Motor Drive Technologies

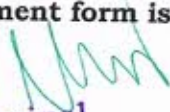
**For Further Information Contact**

*Coordinator*

**K. RAMESH**

Asst. prof. Department of EEE

**NOTE: Add on Certificate program enrollment form is available at the department or contact Co -Coordinator**

  
**Principal**  
Vaageswari College of Engineering  
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## CIRCULAR

All the staff and students are hereby informed that the Department of EEE is going to organize a 05 Days Add-On/Certification program for EEE II III and IV year students on **"POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES "** from 13<sup>th</sup> February 2023 to 17<sup>th</sup> February 2023.

**NOTE:** For further details please contact the course coordinator

**K. RAMESH**

Assoc. prof. Department of EEE

9491471702

  
HOD

  
PRINCIPAL

**Principal**  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



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## CIRCULAR

All the staff and students are hereby informed that the Department of EEE is going to organize a 05 Days Add-On/Certification program for EEE II III and IV year students on "**POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES**" from 13<sup>th</sup> February 2023 to 17<sup>th</sup> February 2023.

**NOTE:** For further details please contact the course coordinator

**K. RAMESH**

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Type of program: Add-On/ Certificate program

Title: POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND  
ELECTRIC VEHICLES

Duration: 05Days

Dates: 13<sup>th</sup> February 2023 to 17<sup>th</sup> February 2023.

### Day Wise Schedule

Days	Topics Covered	Time
Day 1	Reg. & Inauguration DC-DC converters in HEV's	10:30am to 4:30pm
Day 2	Multi-level inverters for Electric vehicle applications	10:30am to 4:30pm
Day 3	Hands on Hybrid Electric Vehicle Drives Control	10:30am to 4:30pm
Day 4	Smart Electric Grid	10:30am to 4:30pm
Day 5	Hands-on- session on Power Converters in Electric Vehicles	10:30am to 4:30pm

  
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## DEPARTMENT OF EEE

Type of program: Add-On/Certification program

Class/Semester: EEE II III and IV

Title: POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES

Duration: 05days

Dates: 13<sup>th</sup> February 2023 to 17<sup>th</sup> February 2023.

## ATTENDANCE SHEET

S.NO	Hall Ticket Number	DAY 1	DAY 2	DAY3	DAY 4	DAY 5
1	17S41A0211	✓	✓	✓	✓	✓
2	18S41A0226	✓	✓	✓	✓	✓
3	18S41A0250	✓	✓	✓	✓	✓
4	19S41A0201	✓	✓	✓	✓	✓
5	19S41A0202	✓	✓	✓	✓	✓
6	19S41A0203	✓	✓	✓	✓	✓
7	19S41A0204	✓	✓	✓	✓	✓
8	19S41A0205	✓	✓	✓	✓	✓
9	19S41A0206	✓	✓	✓	✓	✓
10	19S41A0207	✓	✓	✓	✓	✓
11	19S41A0208	✓	✓	✓	✓	✓
12	19S41A0209	✓	✓	✓	✓	✓
13	19S41A0210	✓	✓	✓	✓	✓
14	19S41A0211	✓	✓	✓	✓	✓
15	19S41A0212	✓	✓	✓	✓	✓
16	19S41A0213	✓	✓	✓	✓	✓
17	19S41A0214	✓	✓	✓	✓	✓
18	19S41A0215	✓	✓	✓	✓	✓
19	19S41A0216	✓	✓	✓	✓	✓
20	19S41A0217	✓	✓	✓	✓	✓
21	19S41A0218	✓	✓	✓	✓	✓
22	19S41A0219	✓	✓	✓	✓	✓
23	19S41A0220	✓	✓	✓	✓	✓
24	19S41A0221	✓	✓	✓	✓	✓
25	19S41A0222	✓	✓	✓	✓	✓
26	19S41A0223	✓	✓	✓	✓	✓
27	19S41A0224	✓	✓	✓	✓	✓
28	19S41A0225	✓	✓	✓	✓	✓
29	19S41A0226	✓	✓	✓	✓	✓

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30	19S41A0227	✓	✓	✓	✓	✓
31	19S41A0228	✓	✓	✓	✓	✓
32	19S41A0229	✓	✓	✓	✓	✓
33	19S41A0230	✓	✓	✓	✓	✓
34	19S41A0231	✓	✓	✓	✓	✓
35	19S41A0232	✓	✓	✓	✓	✓
36	20S45A0201	✓	✓	✓	✓	✓
37	20S45A0202	✓	✓	✓	✓	✓
38	20S45A0203	✓	✓	✓	✓	✓
39	20S45A0204	✓	✓	✓	✓	✓
40	20S45A0205	✓	✓	✓	✓	✓
42	20S45A0206	✓	✓	✓	✓	✓
43	20S45A0207	✓	✓	✓	✓	✓
44	20S45A0208	✓	✓	✓	✓	✓
45	20S45A0209	✓	✓	✓	✓	✓
46	20S45A0210	✓	✓	✓	✓	✓
47	20S45A0211	✓	✓	✓	✓	✓
48	20S45A0212	✓	✓	✓	✓	✓
49	20S45A0213	✓	✓	✓	✓	✓
50	20S45A0214	✓	✓	✓	✓	✓
51	20S45A0215	✓	✓	✓	✓	✓
52	20S45A0216	✓	✓	✓	✓	✓
53	20S45A0217	✓	✓	✓	✓	✓
54	20S45A0218	✓	✓	✓	✓	✓
55	20S45A0219	✓	✓	✓	✓	✓
56	20S45A0220	✓	✓	✓	✓	✓
57	20S45A0221	✓	✓	✓	✓	✓
58	20S45A0222	✓	✓	✓	✓	✓
59	20S45A0239	✓	✓	✓	✓	✓
60	20S45A0240	✓	✓	✓	✓	✓
61	20S45A0241	✓	✓	✓	✓	✓
62	20S45A0242	✓	✓	✓	✓	✓
63	20S45A0243	✓	✓	✓	✓	✓
64	20S45A0244	✓	✓	✓	✓	✓
65	20S45A0245	✓	✓	✓	✓	✓
66	20S45A0246	✓	✓	✓	✓	✓
67	20S45A0247	✓	✓	✓	✓	✓
68	20S45A0248	✓	✓	✓	✓	✓
69	20S45A0249	✓	✓	✓	✓	✓
70	20S45A0250	✓	✓	✓	✓	✓
71	20S45A0251	✓	✓	✓	✓	✓
72	20S45A0252	✓	✓	✓	✓	✓
73	20S45A0253	✓	✓	✓	✓	✓
74	20S45A0254	✓	✓	✓	✓	✓
75	20S45A0255	✓	✓	✓	✓	✓
76	20S45A0256	✓	✓	✓	✓	✓

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77	20S45A0257	✓	✓	✓	✓	✓
78	20S45A0258	✓	✓	✓	✓	✓
79	20S45A0259	✓	✓	✓	✓	✓
80	20S45A0260	✓	✓	✓	✓	✓
81	20S45A0261	✓	✓	✓	✓	✓
82	20S41A0201	✓	✓	✓	✓	✓
83	20S41A0202	✓	✓	✓	✓	✓
84	20S41A0203	✓	✓	✓	✓	✓
85	20S41A0204	✓	✓	✓	✓	✓
86	20S41A0205	✓	✓	✓	✓	✓
87	20S41A0206	✓	✓	✓	✓	✓
88	20S41A0207	✓	✓	✓	✓	✓
89	20S41A0208	✓	✓	✓	✓	✓
90	20S41A0209	✓	✓	✓	✓	✓
91	20S41A0210	✓	✓	✓	✓	✓
92	20S41A0211	✓	✓	✓	✓	✓
93	20S41A0212	✓	✓	✓	✓	✓
94	20S41A0213	✓	✓	✓	✓	✓
95	20S41A0214	✓	✓	✓	✓	✓
96	20S41A0215	✓	✓	✓	✓	✓
97	20S41A0216	✓	✓	✓	✓	✓
98	20S41A0217	✓	✓	✓	✓	✓
99	20S41A0218	✓	✓	✓	✓	✓
100	20S41A0219	✓	✓	✓	✓	✓
101	20S41A0220	✓	✓	✓	✓	✓
102	20S41A0221	✓	✓	✓	✓	✓
103	20S41A0222	✓	✓	✓	✓	✓
104	20S41A0223	✓	✓	✓	✓	✓
105	20S41A0224	✓	✓	✓	✓	✓
106	20S41A0225	✓	✓	✓	✓	✓
107	20S41A0226	✓	✓	✓	✓	✓
108	20S41A0227	✓	✓	✓	✓	✓
109	20S41A0228	✓	✓	✓	✓	✓
110	20S41A0229	✓	✓	✓	✓	✓
111	20S41A0230	✓	✓	✓	✓	✓
112	20S41A0231	✓	✓	✓	✓	✓
113	20S45A0252	✓	✓	✓	✓	✓
114	20S41A0205	✓	✓	✓	✓	✓
115	20S41A0206	✓	✓	✓	✓	✓
116	20S41A0207	✓	✓	✓	✓	✓
117	20S41A0208	✓	✓	✓	✓	✓
118	20S41A0209	✓	✓	✓	✓	✓
119	20S41A0210	✓	✓	✓	✓	✓
120	20S41A0211	✓	✓	✓	✓	✓

HOD

Principal  
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PRINCIPAL





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Add-On/Certification Course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES"

## FEEDBACK FORM

Name Bettu Sainath Branch/Year EEF 10<sup>th</sup> year Please complete the evaluation For Add on course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology used in  
project management on smart grid

2. How will you implement this (course) into your academics?

I want to do one project on electric  
vehicles

Suggestions: The program was good - it is helped  
require more program on this topic

Thank you for taking the time to help us to improve our training.



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Add-On/Certification Course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES"

## FEEDBACK FORM

Name Galmi mukesh Branch/Year EEE IV year Please complete the evaluation For Add on course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology used in project  
management on smart grid.

2. How will you implement this (course) into your academics?

I want to do one project on electric vehicles.

Suggestions:-

The program was good & it's help full, require  
more program on this topic.

Thank you for taking the time to help us to improve our training.





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Add-On/Certification Course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES"

## FEEDBACK FORM

Name Billa Chailaja Branch/Year EEE 5th year Please complete the evaluation For Add on course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology used in project management on smart grid

2. How will you implement this (course) into your academics?

I want to do one project on electric vehicle.

Suggestions:

The program was good it is help full require more program on this topic

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Add-On/Certification Course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES"

## FEEDBACK FORM

Name Bhim: Sai Sathya Branch/Year EE-III Year Please complete the evaluation For Add on course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology used in project Management on Smart Grid.

2. How will you implement this (course) into your academics?

I want to do one project electric vehicles

Suggestions: The program good it is helpful require more program on this topic.

Thank you for taking the time to help us to improve our training.



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Add-On/Certification Course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES"

## FEEDBACK FORM

Name Yarva Hanish Branch/Year EEE III year Please complete the evaluation For Add on course on "POWER ELECTRONICS APPLICATIONS IN SMART GRIDS AND ELECTRIC VEHICLES". Your feedback is valuable for us and is appreciated.

Criteria	Excellent(4)	Very good(3)	Good(2)	Average(1)
Course was relevant to my need	✓			
Material Provided were very helpful	✓			
Length of course was sufficient	✓			
Questions were encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Course?

I learn the recent technology used in project management on smart grid

2. How will you implement this (course) into your academics?

I want to do one project on electric vehicles

Suggestions: The program was good it is helpful. require more program on this topic

the time to help us to improve our training.

Thank you for taking

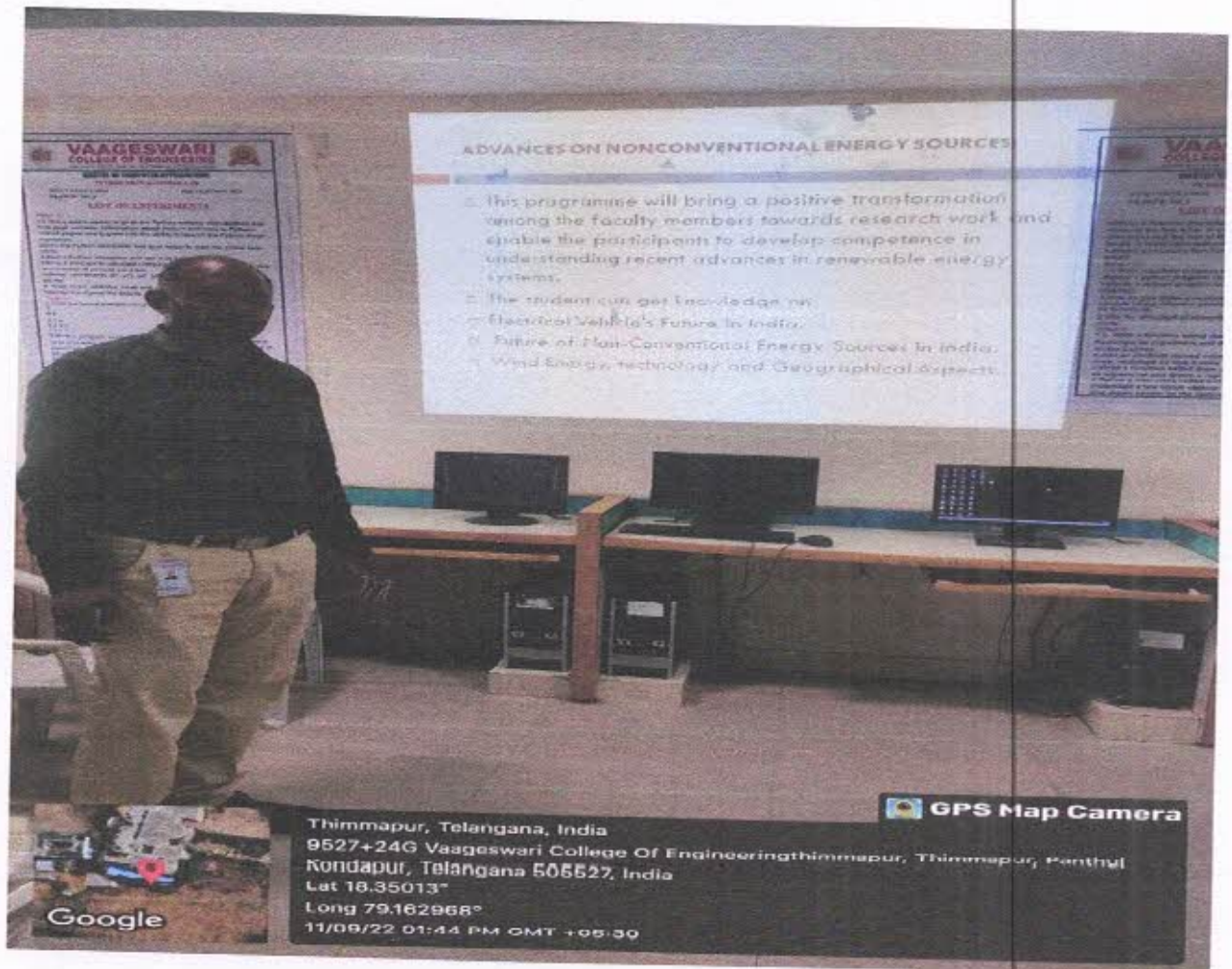




# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar  
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1.2.2. & 1.2.3 Add-on/Certificate program on Advances On Nonconventional Energy Sources Organized by Department of EEE year 2022-2023



HOD

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527.



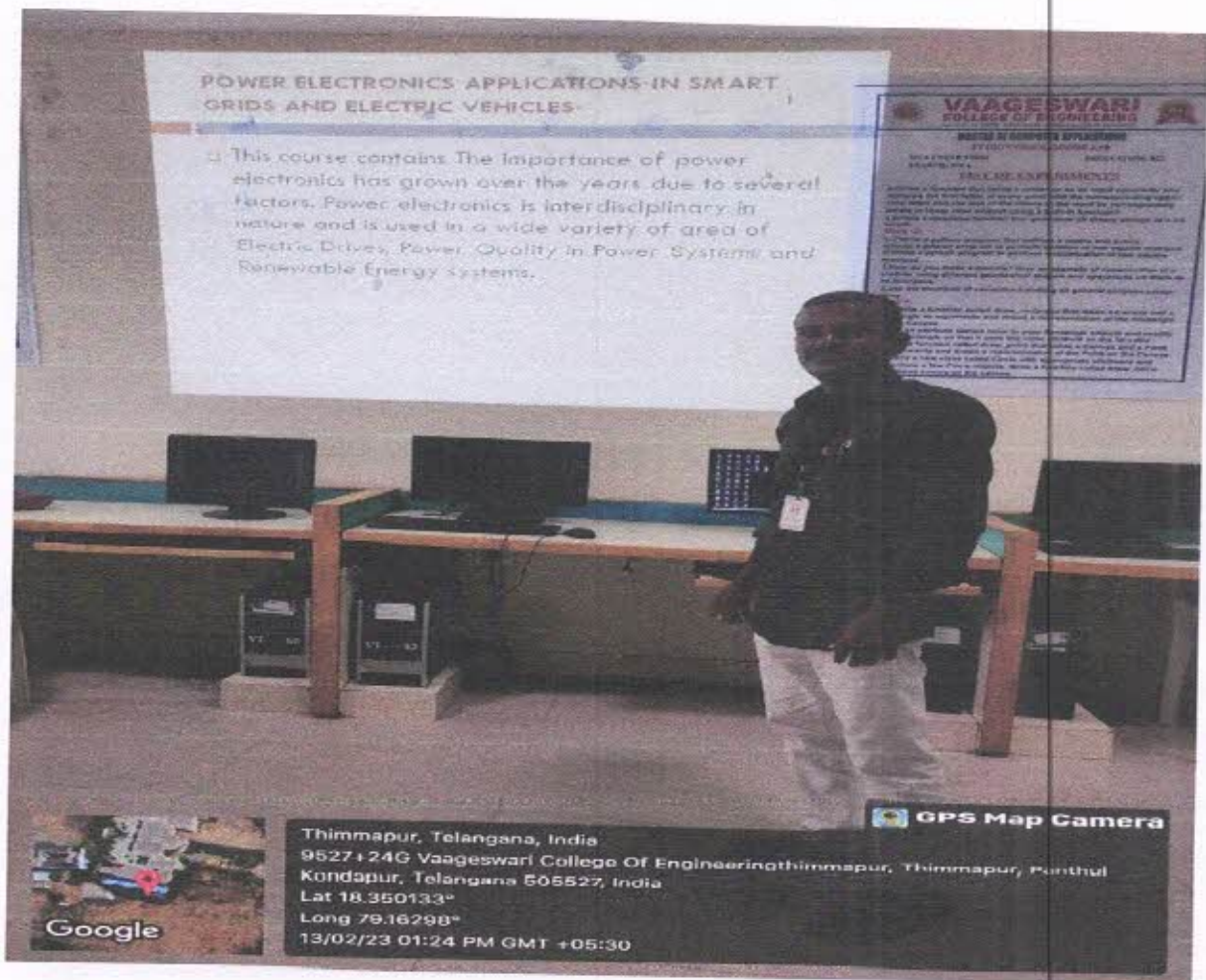


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Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar

(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

1.2.2. & 1.2.3 Add-on/Certificate program on Power Electronics Applications in Smart Grids and Electric vehicles Organized by Department of EEE year 2022-2023



HOD

PRINCIPAL

Vaageswari College of Engineering  
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