



VAAGESWARI COLLEGE OF ENGINEERING

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

Date:15.12.2020

To

The Principal,

Vaageswari College of Engineering.

Respected Sir,

Sub: Requisition to get permission to conduct Certification Course on “**Development of Superconducting Rotating Machines**” in our Campus for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 29th Dec. 20 – 06th Jan. 21.

It is our privilege to inform you that we EEE Department is planning to conduct a Certification Course on “**Development of Superconducting Rotating Machines**” for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 29th Dec. 20 – 06th Jan. 21.

Superconducting homo-polar DC machines that used low temperature superconductors may have found the first practical applications in superconducting rotating machines; however, it cannot be said with certainty, given their use in secretive war ships. Superconducting synchronous generators cooled by liquid helium are well developed, particularly by the Super-GM project in Japan.

The fundamental subjects in the design, manufacture, operation, control, and performance in power systems. The development of oxide superconducting wires and bulks, has found applications in superconducting electric motors (mainly synchronous ones), the structures of which are very similar to the generators.

In this connection we request you to consider our request and grant permission to conduct the above said program. Hoping you early response for this approval.

Thanking you Sir,

Yours faithfully

Enclosures:

- 1.Circular
- 2.Brochure
- 3.Day wise schedule


Course Coordinator



VAAGESWARI COLLEGE OF ENGINEERING

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

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

Date: 10.12.2021

CIRCULAR

All the staff and students are hereby informed that the Department of Electrical and Electronics Engineering is going to organize 8 Days add-on/Certification program for EEE II, III and IV year Students on “**DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES**” from 29th Dec. 2020 – 06th Jan. 2021.

Note: For the details please contact the Course Coordinator

Mr. N.Kiran Kumar

Asst. Prof. Dept of EEE

9959793748


HOD


PRINCIPAL



CERTIFICATE PROGRAMME

On

“DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

Organized By

DEPARTMENT OF EEE

29TH DECEMBER 2020

TO

06TH JANUARY 2021

From 10.30 am to 4.30 pm

Through ONLINE Mode

Registration link

<https://forms.gle/rtzX18pGG9bOTspZB>

Registrations are accepted on or before 25th DECEMBER 2020

DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES:

Superconducting homo-polar DC machines that used low temperature superconductors may have found the first practical applications in superconducting rotating machines; however, it cannot be said with certainty, given their use in secretive war ships. Superconducting synchronous generators cooled by liquid helium are well developed, particularly by the Super-GM project in Japan.

The fundamental subjects in the design, manufacture, operation, control, and performance in power systems. The development of oxide superconducting wires and bulks, has found applications in superconducting electric motors (mainly synchronous ones), the structures of which are very similar to the generators.

PROGRAM OUTCOME:

- ❖ The development of oxide superconducting wires and bulks, has found applications in superconducting electric motors (mainly synchronous ones), the structures of which are very similar to the generators.

For Further Information Contact

Coordinator
Mr. N.Kiran Kumar
Asst. Prof, Dept. of EEE

Co-Coordinator
Mrs. D.Karuna
Asst, Prof, Dept. of EEE
9396621181



VAAGESWARI COLLEGE OF ENGINEERING

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

Type of Program : Add-On/Certificate Program
Title of the Course : DEVELOPMENT OF SUPERCONDUCTING
ROTATING MACHINES
Duration of the Course : 8 Days
Dates : 29th Dec. 20 – 06th Jan. 21

DAY WISE SCHEDULE

Day	Topics Covered	Faculty Name	Time
Day 1	Introduction	Mr.N.Kiran Kumar	10.30am to 5.00pm
Day 2	HTS wire status	Mr.N.Kiran Kumar	10.30am to 4.30pm
Day 3	Supermachine topology	Mr.N.Kiran Kumar	10.30am to 5.00pm
Day 4	Supergenerator	Mr.N.Kiran Kumar	10.30am to 4.30pm
Day 5	Superdrive for ship propulsion	Mrs.D.Karuna	10.30am to 4.30pm
Day 6	Industrial supermotors	Mrs.D.Karuna	10.30am to 5.00pm
Day 7	High temperature super conductors and electric propulsion	Mrs.D.Karuna	10.30am to 4.30pm
Day 8	Conclusions	Mrs.D.Karuna	10.30am to 4.30pm


HOD


PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

Type of Course : Add On Certificate Course
Title of the Course : Development of Superconducting Rotating Machines
Duration of the Course : 48 Hours.
Dates : 29th Dec. 20 – 06th Jan. 21.

Topics Covered :

- ❖ INTRODUCTION
- ❖ HTS WIRE STATUS
- ❖ SUPERMACHINE TOPOLOGY
- ❖ SUPERGENERATOR
- ❖ SUPERDRIVE FOR SHIP PROPULSION
- ❖ INDUSTRIAL SUPERMOTORS

Schedule:

Day	Topic Covered
Day 1	Introduction
Day 2	HTS wire status
Day 3	Supermachine topology
Day 4	Supergenerator
Day 5	Superdrive for ship propulsion
Day 6	Industrial supermotors
Day 7	High temperature super conductors and electric propulsion
Day 8	Conclusions


HOD


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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)

Date: 08/01/2021

CERTIFICATE

This is to certify that **Mrs.D.Karuna** Asst.Prof Dept of EEE has designed and developed the curriculum for Add-on Certificate program **“DEVELOPMENT OF SUPER CONDUCTING ROTATING MACHINES”** during the academic year 2020-21


HOD


PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

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

Date: 08/01/2021

CERTIFICATE

This is to certify that **Mr.N.Kiran Kumar** Asst.Prof Dept of EEE has designed and developed the curriculum for Add-on Certificate program **“DEVELOPMENT OF SUPER CONDUCTING ROTATING MACHINES”** during the academic year 2020-21


HOD


PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

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

Department of Electronics and Electrical Engineering

REPORT

Academic Year : 2020-21
Class and Semester : B.Tech II,III,IV year I semester
Title : DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES
Course Duration : 42 Hours (6 Hrs per day) during 29 Dec 2020 – 06 Jan 2021
Number of students completing the Certificate Course: 50

Summary Report of the Program with Outcome:

- ❖ Introduction
- ❖ HTS wire status
- ❖ Super machine topology
- ❖ Super generator
- ❖ Super drive for ship propulsion
- ❖ Industrial super motors

The student can get Knowledge on:

Advances in high temperature superconductors (HTS) are enabling a new class of synchronous rotating machines (super motors and super generators) that can generically be categorized as super machines. Compared to conventional machines of equivalent rating, these super machines are expected to be less expensive, lighter, more compact, efficient, and provide significantly superior stable operation in a power system.


Signature of faculty



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name P. Sahithi Branch/Year CSE

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need		✓		
Provided material is helpful	✓			
Duration of the Add on course is sufficient		✓		
Is it encouraged	✓			
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

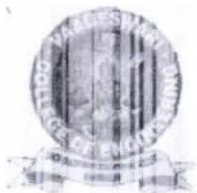
I learn how the development is takes place in
rotating machines

2. How will you implement this into your academics?

I want to do a case study and finding
super conductor in project.

Any Suggestions: The presentation is good

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



ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name L. Sandhya Branch/Year: EEE/IIIrd

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

I learn how the development is takesplace in
Rotating machines

2. How will you implement this into your academics?

I want to do a case study and finding super
conductor in project.

Any Suggestions: It was good.

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



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ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name S. Mayuri Branch/Year EEE – III yr

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need		✓		
Provided material is helpful			✓	
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

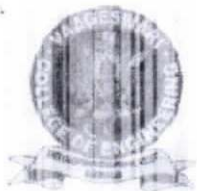
I learned how the development is takes
place in rotating machines.

2. How will you implement this into your academics?

I want to do a case study and finding
super conductor in project.

Any Suggestions: The program was good. the guest
was given superb speech.

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



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ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name K. RENUKA Branch/Year EEE

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful		✓		
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter’s presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

I learn how the development is takes place in
rotating machines.

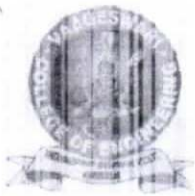
2. How will you implement this into your academics?

I want to do a case study and finding super
conductor in project.

Any Suggestions:

It was good.

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



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ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name K. Apoorva Branch/Year EEE / 3rd Year

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need		✓		
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

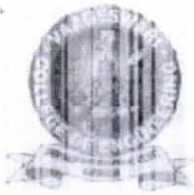
I learn how the development is takes place in rotating machines

2. How will you implement this into your academics?

I want to do a case study and finding superconductor in project

Any Suggestions: It was good

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



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ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name G. Ajay Branch/Year EEE/IIIrd

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

I learn how the development is takes places in
Rotating machines

2. How will you implement this into your academics?

I want to case study. try to implement A small
super drive.

Any Suggestions: The Project was good & helpful.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name P. Naveen Branch/Year IVth / EEE

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged		✓		
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

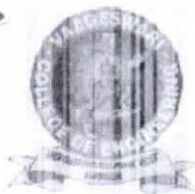
I learn how the development is takes places in
rotating machines

2. How will you implement this into your academics?

I want to a case study, try to implement a small
super drive.

Any Suggestions: The project was good and helpful.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name B. stikhanth Branch/Year EEE / 4th year

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient		✓		
Is it encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

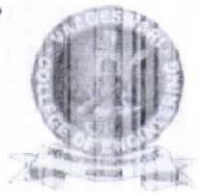
I learn how the development is takes place in rotating machines.

2. How will you implement this into your academics?

I want to do a case study try to implement a small super drive

Any Suggestions: The project was good and helpful

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name A. Kalyan. Branch/Year EEE

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

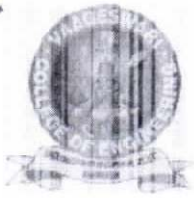
I learn how the development is take place in
rotating machines.

2. How will you implement this into your academics?

I want to implement do a case study. try to implement
a small Super drive.

Any Suggestions: It was good. and implement another
project work.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “DEVELOPMENT OF SUPERCONDUCTING ROTATING MACHINES”

29th Dec. 20 – 06th Jan. 21.

FEEDBACK FORM

Student Name S. Sai Krishna Branch/Year EEE/II

Complete the Evaluation for the Add on course on “Development of Superconducting Rotating Machines”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

I learn how the development is takes place in r
rotating machines.

2. How will you implement this into your academics?

I want to do a case study. try to implement
a small super drive

Any Suggestions: This program is good and The speaker
was good about development of super conducting
rotating machines.

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



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. S. Mayuri

Hall Ticket No. 18541A0265 of II - BTECH - EEE has

successfully completed Add on certificate course on Development of Super -
-conducting rotating machines.

Organized by the Department of EEE

From 29th - Dec - 2020 to 06th - Jan - 2021 (30) Hrs.

D. Rao
Coordinator

S. Srinivas
Co-coordinator

[Signature]
Principal

[Signature]
Principal

Vaageswari College of Engineering
- KARIMNAGAR -



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. K. Renuka

Hall Ticket No. 18S41A0237 of II - BTECH EEE has

successfully completed add on certificate course on Development of Super-
-conducting rotating machines.

Organized by the Department of EEE

From 29th - Dec - 2020 to 06th - Jan - 2021 (30) Hrs.

D. Renuka
Coordinator

[Signature]
Co-coordinator

[Signature]
Head

[Signature]
Principal

[Signature]
Principal
Vaageswari College
KARIMNAGAR



VAAGESWARI COLLEGE OF ENGINEERING

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

Date:17.05.2021

To

The Principal,

Vaageswari College of Engineering.

Respected Sir,

Sub: Requisition to get permission to conduct Certification Course on “**Workshop on MATLAB**” in our Campus for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 07th June 21 – 12th June 21.

It is our privilege to inform you that we EEE Department is planning to conduct a Certification Course on “**Workshop On MATLAB**” for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 07th June 21 – 12th June 21.

MATLAB Programming is one of the most important technical programming languages and skills today. MATLAB Programming is an easy and understandable programming language and is an excellent choice for those who want to learn to program for the first time. Engineering companies often use MATLAB to prototype and validate their ideas before committing to building it with other programs like Java, Python, C, and C++.

In this Online Workshop, we would start learning MATLAB from a beginner level and slowly ease our way into more advanced topics and programs. This workshop would provide a general introduction to the MATLAB computing environment, and would be intended for beginning users and those looking for a review.

In this connection we request you to consider our request and grant permission to conduct the above said program. Hoping you early response for this approval.

Thanking you Sir,

Yours faithfully

Enclosures:

- 1.Circular
- 2.Brochure
- 3.Day wise schedule


Course Coordinator



VAAGESWARI COLLEGE OF ENGINEERING

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

Date: 28.05.2021

CIRCULAR

All the staff and students are hereby informed that the Department of Electrical and Electronics Engineering is going to organize 6 Days add-on/Certification program for EEE II, III and IV Students on “MATLAB” from 07th June 2021 – 12th June 2021.

Note: For the details please contact the Course Coordinator

Mr. M. Ramana Reddy

Asst. Prof. Dept of EEE

7702125823


HOD


PRINCIPAL
Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



CERTIFICATE PROGRAM

On MATLAB

Organized By

DEPARTMENT OF EEE

07TH JUNE 2021

TO

12TH JUNE 2021

From 10.30 am to 4.30 pm

Through ONLINE Mode

Registration link

<https://forms.gle/qsxC24oCG8bMTskUA>

Registrations are accepted on or before 04th JUNE 2021

MATLAB:

MATLAB Programming is one of the most important technical programming languages and skills today. MATLAB Programming is an easy and understandable programming language and is an excellent choice for those who want to learn to program for the first time. Engineering companies often use MATLAB to prototype and validate their ideas before committing to building it with other programs like Java, Python, C, and C++.

In this Online Workshop, we would start learning MATLAB from a beginner level and slowly ease our way into more advanced topics and programs. This workshop would provide a general introduction to the MATLAB computing environment, and would be intended for beginning users and those looking for a review.

PROGRAM OUTCOME:

- ❖ Use MATLAB effectively to analyze and visualize data.
- ❖ Apply numeric techniques and computer simulations to solve engineering-related problems.
- ❖ Apply a top-down, modular, and systematic approach to design, write, test, and debug sequential MATLAB programs to achieve computational objectives.
- ❖ Demonstrate understanding and use of fundamental data structures (classes).
- ❖ Create and control simple plot and user-interface graphics objects in MATLAB.

For Further Information Contact

Coordinator
Mr. M.Ramana Reddy
Asst. Prof, Dept. of EEE

Co-Coordinator
Mr. S.Praveen
Asst, Prof, Dept. of EEE
9491324847



VAAGESWARI COLLEGE OF ENGINEERING

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

Type of Course : **Add On Certificate Course**

Title of the Course : **MATLAB**

Duration of the Course : **36 Hours.**

Dates : **07th June 21 – 12th June 21.**

Topics Covered :

- ❖ Use MATLAB effectively to analyze and visualize data.
- ❖ Apply numeric techniques and computer simulations to solve engineering-related problems.
- ❖ Apply a top-down, modular, and systematic approach to design, write, test, and debug sequential MATLAB programs to achieve computational objectives.
- ❖ Demonstrate understanding and use of fundamental data structures (classes).
- ❖ Create and control simple plot and user-interface graphics objects in MATLAB.

Schedule:

Day	Topic Covered
Day 1	Use MATLAB effectively to analyze and visualize data
Day 2	Apply numeric techniques and computer simulations to solve engineering-related problems.
Day 3	Apply a top-down, modular, and systematic approach to design
Day 4	Write, test, and debug sequential MATLAB programs to achieve computational objectives.
Day 5	Demonstrate understanding and use of fundamental data structures (classes).
Day 6	Create and control simple plot and user-interface graphics objects in MATLAB.


HOD


PRINCIPAL

Principal
Vaageswari College of Engineering
KARIMNAGAR-505 027.



VAAGESWARI COLLEGE OF ENGINEERING

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

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

Date: 13/06/2021

CERTIFICATE

This is to certify that **Mr.M.Ramana Reddy** Asst.Prof Dept of EEE has designed and developed the curriculum for Add-on Certificate program "**MATLAB**" during the academic year 2020-21.


HOD


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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)

Date: 13/06/2021

CERTIFICATE

This is to certify that **Mr.S.Praveen** Asst.Prof Dept of EEE has designed and developed the curriculum for Add-on Certificate program "**MATLAB**" during the academic year 2020-21.


HOD


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KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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


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

Type of Program : Add-On/Certificate Program
Title of the Course : MATLAB
Duration of the Course : 6 Days
Dates : 07th June 21 – 12th June 21

DAY WISE SCHEDULE

Day	Topics Covered	Faculty Name	Time
Day 1	Use MATLAB effectively to analyze and visualize data	Mr.M.Ramana Reddy	10.30am to 4.30pm
Day 2	Apply numeric techniques and computer simulations to solve engineering-related problems.	Mr.M.Ramana Reddy	10.30am to 5.00pm
Day 3	Apply a top-down, modular, and systematic approach to design	Mr.M.Ramana Reddy	10.30am to 4.30pm
Day 4	Write, test, and debug sequential MATLAB programs to achieve computational objectives.	Mr.S.Praveen	10.30am to 4.30pm
Day 5	Demonstrate understanding and use of fundamental data structures (classes).	Mr.S.Praveen	10.30am to 5.00pm
Day 6	Create and control simple plot and user-interface graphics objects in MATLAB.	Mr.S.Praveen	10.30am to 4.30pm


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KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

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

Department of Electronics and Electrical Engineering

REPORT

Academic Year : 2020-21
Class and Semester : B.Tech II,III,IV year II semester
Title : MATLAB
Course Duration : 42 Hours (6 Hrs per day) during 07 June 2021 – 12 June 2021.

Number of students completing the Certificate Course: 53

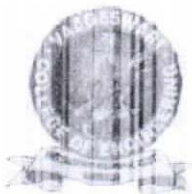
Summary Report of the Program with Outcome:

- ❖ Use MATLAB effectively to analyze and visualize data.
- ❖ Apply numeric techniques and computer simulations to solve engineering-related problems.
- ❖ Apply a top-down, modular, and systematic approach to design, write, test, and debug sequential MATLAB programs to achieve computational objectives.
- ❖ Demonstrate understanding and use of fundamental data structures (classes).
- ❖ Create and control simple plot and user-interface graphics objects in MATLAB.

The student can get Knowledge on:

The MATLAB computing environment, understanding of MATLAB including popular toolboxes, sample MATLAB problems, the syntaxes and functions for use in programming and basic use, graphical representations and tips for designing and implementing MATLAB code.

Signature of faculty



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JSTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “MATLAB”

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name CH. Deepthi, 18S45A0212 Branch/Year EEE- III Yr

Complete the Evaluation for the Add on course on “MATLAB”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful		✓		
Duration of the Add on course is sufficient			✓	
Is it encouraged		✓	✓	
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

I learn about basics of matlab, functions
and simulation of circuits.

2. How will you implement this into your academics?

I want to implement different circuits designed
in matlab for power electronics.

Any Suggestions: It was good. I want to learn
more about MATLAB.

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



VAAGESWARI COLLEGE OF ENGINEERING

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Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON "MATLAB"

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name A. ARCHANA, 19B45A0201 Branch/Year EEE / 4th Year.

Complete the Evaluation for the Add on course on "MATLAB". Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged		✓		
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

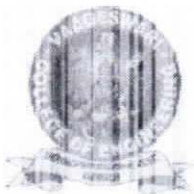
I learn about basics of MATLAB, functions and
Simulation of circuits

2. How will you implement this into your academics?

I want to implement different circuits designed
in MATLAB for power electronics

Any Suggestions: It was good i want to learn more
about MATLAB

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON "MATLAB"

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name S. Sai Krishna. Branch/Year IIIrd / EEE

Complete the Evaluation for the Add on course on "MATLAB". Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful		✓		
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

I learn about basics of "MATLAB", functions and
simulation of circuits.

2. How will you implement this into your academics?

I want to implement different circuits designed in
"MATLAB" for power electronics in power quality.

Any Suggestions: The project was good and helpful.

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



VAAGESWARI COLLEGE OF ENGINEERING

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Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON "MATLAB"

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name A. Rakeshkumar Branch/Year EEE/11th ^{vel}

Complete the Evaluation for the Add on course on "MATLAB". Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need			✓	
Provided material is helpful				✓
Duration of the Add on course is sufficient		✓		
Is it encouraged			✓	
The presenter's presentation was effective				✓

1. What did you enjoy most during the Add on course ?

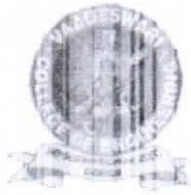
I learn about basic of "MATLAB" function
and semialation of circuit

2. How will you implement this into your academics?

I want to implement different circuit
designed in MATLAB of power quality.

Any Suggestions: The project was good. I want to
learn more about "MATLAB."

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “MATLAB”

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name A. Anudeep. Branch/Year EEE

Complete the Evaluation for the Add on course on “MATLAB”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful	✓			
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

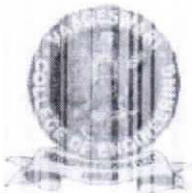
I learn about basics of matlab, functions and
Simulation of circuits.

2. How will you implement this into your academics?

I want to implement different circuits designed in mat-
lab for power quality.

Any Suggestions: It was good i want to learn more
about mat lab.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JSTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “MATLAB”

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name S. Srivani Branch/Year Civil

Complete the Evaluation for the Add on course on “MATLAB”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need		✓		
Provided material is helpful		✓		
Duration of the Add on course is sufficient		✓		
Is it encouraged		✓		
The presenter's presentation was effective	✓			

1. What did you enjoy most during the Add on course ?

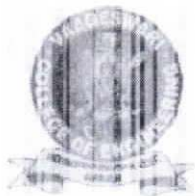
I learn about basics of MATLAB, functions & simulation of circuits

2. How will you implement this into your academics?

I want to implement different circuits designed in MATLAB for power electronics.

Any Suggestions: It was good. I want to learn more about MATLAB.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON "MATLAB"

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name B. Sahithi Branch/Year EEE

Complete the Evaluation for the Add on course on "MATLAB". Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful		✓		
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

I learn about basics of matlab, functions and
simulation of circuits.

2. How will you implement this into your academics?

I want to implement different circuits designed
in Mat Lab for power electronics.

Any Suggestions:

It was good. I want to learn more about
Mat Lab.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “MATLAB”

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name A. Aradhana B. Prandhi Branch/Year EEE

Complete the Evaluation for the Add on course on “MATLAB”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful		✓		
Duration of the Add on course is sufficient	✓			
Is it encouraged	✓			
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

I learn about basics of MATLAB, functions
and simulation of circuits

2. How will you implement this into your academics?

I want to implement different circuits designed
in MATLAB for power electronics

Any Suggestions:

The program was good. I want
to learn more about MATLAB.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “MATLAB”

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name T. Harshitha Branch/Year EEE / final year.

Complete the Evaluation for the Add on course on “MATLAB”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need		✓		
Provided material is helpful	✓			
Duration of the Add on course is sufficient		✓		
Is it encouraged	✓	✓		
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

I learned about basics of MATLAB, Functions and simulation of circuits.

2. How will you implement this into your academics?

I want to implement different circuits designed in MATLAB for power electronics.

Any Suggestions: It was good. I want to learn more about MATLAB.

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



VAAGESWARI COLLEGE OF ENGINEERING

(Approved by AICTE and Affiliated to JNTUH)

Beside LMD Police Station, Ramakrishna Colony – Karimnagar.

ADD ON CERTIFICATE COURSE ON “MATLAB”

07th June 21 – 12th June 21.

FEEDBACK FORM

Student Name A. Srinivas Branch/Year: EEE – III yr

Complete the Evaluation for the Add on course on “MATLAB”. Your feedback is valuable for us.

Criteria	Excellent (4)	Very good (3)	Good (2)	Average (1)
Add on course was relevant to your need	✓			
Provided material is helpful		✓	✓	
Duration of the Add on course is sufficient			✓	
Is it encouraged	✓			
The presenter's presentation was effective		✓		

1. What did you enjoy most during the Add on course ?

2. How will you implement this into your academics?

Any Suggestions: _____

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



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. CH. Deepthi

Hall Ticket No. 18S45A0212 of III - Btech - EEE has

successfully completed Add an certificate course on Matlab.

Organized by the Department of EEE

From 07th - June - 2021 to 12th - June - 2021 (30) Hrs.


Coordinator


Co-coordinator


Principal


Principal



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. Dr. Anurama

Hall Ticket No. 19S45A0201 of IV - BTECH - EEE has

successfully completed Add on certificate course on matlab.

Organized by the Department of EEE

From 07th - June - 2021 to 12th - June - 2021 (30) hrs.

R. Reddy
Coordinator

[Signature]
Co-coordinator

[Signature]
Principal

[Signature]
Principal
Vaageswari College of Engineering
Karimnagar - 505 527



VAAGESWARI COLLEGE OF ENGINEERING

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

Date:01.02.2020

To

The Principal,

Vaageswari College of Engineering.

Respected Sir,

Sub: Requisition to get permission to conduct Certification Course on “**Artificial intelligence in power station**” in our Campus for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 13th Feb. 20 – 20th Feb. 20.

It is our privilege to inform you that we EEE Department is planning to conduct a Certification Course on “**Artificial intelligence in power station**” for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 13th Feb. 20 – 20th Feb. 20.

Machine learning and electrical engineering professionals leverage AI to build and optimize systems and also provide AI technology with new data inputs for interpretation. The main feature of power system design and planning is reliability, which were conventionally evaluated using deterministic methods. Moreover, conventional techniques don't fulfill the probabilistic essence of power systems.

This leads to increase in operating and maintenance costs. Plenty of research is performed to utilize the current interest AI for power system applications. A lot of research is yet to be performed to perceive full advantages of this upcoming technology for improving the efficiency of electricity market investment, distributed control and monitoring, efficient system analysis, particularly power systems which use renewable energy resources for operation.

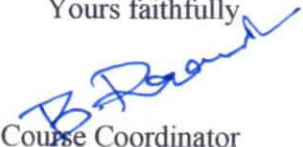
In this connection we request you to consider our request and grant permission to conduct the above said program. Hoping you early response for this approval.

Thanking you Sir,

Yours faithfully

Enclosures:

- 1.Circular
- 2.Brochure
- 3.Day wise schedule


Course Coordinator



CERTIFICATE PROGRAM

On

“ARTIFICIAL INTELLIGENCE IN POWER STATION”

Organized By

DEPARTMENT OF EEE

13TH FEB. 2020

TO

20TH FEB. 2020

From 10.30 am to 4.30 pm

Registrations are accepted on or before 10th FEB. 2020

ARTIFICIAL INTELLIGENCE IN POWER STATION:

Machine learning and electrical engineering professionals leverage AI to build and optimize systems and also provide AI technology with new data inputs for interpretation. The main feature of power system design and planning is reliability, which was conventionally evaluated using deterministic methods. Moreover, conventional techniques don't fulfill the probabilistic essence of power systems.

This leads to increase in operating and maintenance costs. Plenty of research is performed to utilize the current interest AI for power system applications.

A lot of research is yet to be performed to perceive full advantages of this upcoming technology for improving the efficiency of electricity market investment, distributed control and monitoring, efficient system analysis, particularly power systems which use renewable energy resources for operation.

PROGRAM OUTCOME:

Artificial Neural Networks and Expert systems can be used to improve the performance of the line. The environmental sensors sense the environmental and atmospheric conditions and give them as input to the expert systems

Efficient system analysis, particularly power systems which use renewable energy resources for operation.

For Further Information Contact:

Coordinator

Mr. B.Praneeth Kumar
Asst. Prof, Dept. of EEE

Co-Coordinator

Mr. V.Anil
Asst. Prof, Dept. of EEE



VAAGESWARI COLLEGE OF ENGINEERING

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

Date: 10.02.2020

CIRCULAR

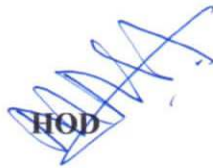
All the staff and students of are here by informed that Department of Electrical and Electronics Engineering is going to organize 7 Days Add-on/Certificate course for EEE II, III and IV year Students on “**Artificial Intelligence in power station**” from 13th Feb. 2020 – 20th Feb. 2020.

Note: For the details please contact the Course Coordinator

Mr. B.Praneeth Kumar

Asst. Prof. Dept of EEE

7013189661


HOD


PRINCIPAL
Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

Type of Course : Add On Certificate Course
Title of the Course : ARTIFICIAL INTELLIGENCE IN POWER
STATION
Duration of the Course : 42 Hours.
Dates : 13th Feb. 20 – 20th Feb. 20.


Topics Covered

- ❖ An Overview Of Artificial Intelligence Applications In Power Systems
- ❖ The artificial neural network
- ❖ Development Trend of Artificial Intelligence in Electric Power System
- ❖ Applications And Protections Of Artificial Intelligence System
- ❖ The Application of Artificial Intelligence in the System Operation Control
- ❖ Power system relay protection
- ❖ Summary and Outlook

Schedule:

Day	Topic Covered
Day 1	An Overview Of Artificial Intelligence Applications In Power Systems
Day 2	The artificial neural network
Day 3	Development Trend of Artificial Intelligence in Electric Power System
Day 4	Applications And Protections Of Artificial Intelligence System
Day 5	The Application of Artificial Intelligence in the System Operation Control
Day 6	Power system relay protection
Day 7	Summary and Outlook


HOD


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Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

Type of Program : Add-On/Certificate Program
Title of the Course : ARTIFICIAL INTELLIGENCE IN POWER
STATION
Duration of the Course : 7 Days
Dates : 13th Feb. 20 – 20th Feb. 20

DAY WISE SCHEDULE

Day	Topics Covered	Faculty Name	Time
Day 1	An Overview Of Artificial Intelligence Applications In Power Systems	Mr.B.Praneeth Kumar	10.30am to 5.00pm
Day 2	The artificial neural network	Mr.B.Praneeth Kumar	10.30am to 4.30pm
Day 3	Development Trend of Artificial Intelligence in Electric Power System	Mr.B.Praneeth Kumar	10.30am to 5.00pm
Day 4	Applications And Protections Of Artificial Intelligence System	Mr.V.Anil	10.30am to 4.30pm
Day 5	The Application of Artificial Intelligence in the System Operation Control	Mr.V.Anil	10.30am to 4.30pm
Day 6	Power system relay protection	Mr.V.Anil	10.30am to 5.00pm
Day 7	Summary and Outlook	Mr.V.Anil	10.30am to 4.30pm


HOD


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Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

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

DEPARTMENT OF EEE

Type of Course: Add-on/Certificate Program

Class/Semester: II,III,IV-I Sem

Title of the Course: Artificial Intelligence in Power Stations

Duration of the Course: 7 Days

Dates: 13th Feb 2020 to 20th Feb 2020

S.No	Hall Ticket No.	Name of the Student	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1.	18S41A0236	KOTHWAL APOORVA	P	P	P	P	P	P	P
2.	18S41A0237	KURMA RENUKA	P	P	P	P	P	P	P
3.	18S41A0238	LAKKU SANDHYA	P	P	P	P	P	P	P
4.	18S41A0239	LONKOJU SAITHEJA	P	P	P	P	P	P	P
5.	19S45A0201	ALLAM ARCHANA	P	P	P	P	P	P	P
6.	19S45A0202	ANAGANDULA KALYAN	P	P	P	P	P	P	P
7.	19S45A0203	ANASURI ANUDEEP	P	P	P	P	P	P	P
8.	19S45A0204	AVUNOORI RAKESH KUMAR	P	P	P	P	P	P	P
9.	19S45A0205	BELLAM SAHITHI	P	P	P	P	P	P	P
10.	19S45A0206	BHIMANATHINI PRANATHI	P	P	P	P	P	P	P
11.	18S41A0264	SIDDAM YAMUNA	P	P	P	P	P	P	P
12.	18S41A0265	SINGAM MAYURI	P	P	P	P	P	P	P
13.	18S41A0266	SIRIKONDA SAI KRISHNA	P	P	P	P	P	P	P
14.	18S41A0267	SUDDALA SRIVANI	P	P	P	P	P	P	P
15.	18S41A0268	SUNKI SINDHU	P	P	P	P	P	P	P
16.	18S41A0269	THADAKAPPELLI SHILPA	P	P	P	P	P	P	P
17.	18S41A0271	VAISHNAVI KOLA	P	P	P	P	P	P	P
18.	18S45A0209	BURRA SRIKANTH	P	P	P	P	P	P	P
19.	18S45A0210	CHALLA RAJU	P	P	P	P	P	P	P
20.	18S45A0211	CHIDURALA VAMSHI	P	P	P	P	P	P	P
21.	18S45A0212	CHILLA DEEPTHI	P	P	P	P	P	P	P
22.	18S45A0213	CHINTHAKUNTA SRAVANTHI	P	P	P	P	P	P	P
23.	18S45A0214	ENAM HARSHAVARDHAN	P	P	P	P	P	P	P
24.	18S45A0215	GADDI RAVITEJA	P	P	P	P	P	P	P

25.	18S45A0216	GANDLA RAJESH	P	P	P	P	P	P	P
26.	17S41A0233	NALLA RANJITH KUMAR	P	P	P	P	P	P	P
27.	17S41A0234	NERELLA AKHILA	P	P	P	P	P	P	P
28.	17S41A0235	ORUGANTI SHRAVYA	P	P	P	P	P	P	P
29.	17S41A0237	PATHIPAKA NAVEEN	P	P	P	P	P	P	P
30.	17S41A0238	PITTALA ANUSHA	P	P	P	P	P	P	P
31.	17S41A0239	PONNALA VENKATESH	P	P	P	P	P	P	P
32.	17S41A0241	SIRIPURAM UMESH	P	P	P	P	P	P	P
33.	17S41A0243	SRIRAMULA HARICHANDAN	P	P	P	P	P	P	P
34.	18S45A0242	PEDDI RAJU	P	P	P	P	P	P	P
35.	18S45A0245	POTHU HARITHA	P	P	P	P	P	P	P
36.	18S45A0246	POTHU RAKESH	P	P	P	P	P	P	P
37.	18S45A0247	POTHU SHIRISHA	P	P	P	P	P	P	P
38.	16S41A0221	GANGADHARA AJAY	P	P	P	P	P	P	P
39.	16S41A0222	GOVINDULA HARSHITHA	P	P		P	P	P	P
40.	16S41A0223	KALAVENA SRIJA	P	P	P	P	P	P	P
41.	16S41A0224	KALLURI RAMESH	P	P	P	P	P	P	P
42.	16S41A0225	KESHAVENI PRAVALIKA	P	P	P	P	P	P	P
43.	17BE5A0231	NUNAVATH RAVIKANTH	P	P	P	P	P	P	P
44.	17S45A0245	SRIRAMOJU PRUTHVIRAJ KUMAR	P	P	P	P	P	P	P
45.	17S45A0246	SRIRAMOJU VISHAL SIDDHARTHA	P	P	P	P	P	P	P
46.	17S45A0247	THADEM SWATHI	P	P	P	P	P	P	P
47.	17S45A0248	THAIDHA HARSHITHA	P	P	P	P	P	P	P

HOD

Principal
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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)

The following students are enrolled and attended Add-on Certificate Course, (Implimentation of Electrical Vehicle in future - Code CIEVFEE) conducted by Electrical and Electronics Engineering.

1	16S41A0201	ADEPU JYOTHI
2	16S41A0203	ANUMANDLA ASHWINI
3	16S41A0226	KHAJA OWAIZUDDIN
4	17S41A0202	BANDARU AJAY KUMAR
5	17S41A0203	BATTU SAI PRASHANTHI
6	17S41A0204	BODDU ARAVIND
7	17S41A0205	BOLLAM SAHITHI
8	17S41A0206	BOLLU SRIVIDYA
9	17S41A0207	CHINTHALA KAVYA
10	17S41A0208	CHOUTAPELLI VENNELA
11	17S41A0209	DAIDA ANJALI
12	17S41A0210	GAJULA RAKESH
13	17S41A0212	GODUGU KOJI
14	17S41A0213	GUDEPU NITHIN
15	17S41A0214	GYAJANGI KRISHNAVAMSHI
16	17S41A0215	JAKKULA HARIKA
17	17S41A0216	JINDAM LAHARI
18	17S41A0217	JUNJURI VISHNUVARDHAN
19	17S41A0218	JUPAKA SAINIHARIKA
20	17S41A0219	KAMATAM RAKESH
21	17S41A0220	KANAVENA MAMATHA
22	17S41A0221	KATHI SWETHA
23	17S41A0222	KATLA RAKESH
24	17S41A0223	KAVETI MAHESH
25	17S41A0224	KONDRA SOWMYA
26	18S45A0201	ADLA KAVYA
27	18S45A0202	ALLURI JYOTHSNA
28	18S45A0203	APPALA SPANDANA

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29	18S45A0204	BANDI SRILEKHA
30	18S45A0205	BOINI DEEPIKA
31	18S45A0206	BOJJA SRIKANTH
32	18S45A0207	BONALA AKHILA
33	18S45A0208	BOOSA RAJKUMAR
34	18S45A0209	BURRA SRIKANTH
35	18S45A0210	CHALLA RAJU
36	18S45A0211	CHIDURALA VAMSHI
37	18S45A0212	CHILLA DEEPTHI
38	18S45A0213	CHINTHAKUNTA SRAVANTHI
39	18S45A0214	ENNAM HARSHAVARDHAN
40	18S45A0215	GADDI RAVITEJA
41	18S45A0216	GANDLA RAJESH
42	18S45A0217	GEESA RAMYA
43	18S45A0218	GIRAVENA MOUNIKA
44	18S45A0219	GOGARLA VAMSHI KRISHNA
45	18S45A0220	GOVIKARI SHIVA SAI
46	18S45A0221	GUGULOTHU PRASHANTH NAYAK
47	18S45A0222	GUNDLAPALLI SREEJA
48	18S45A0223	IRUGURALA SRIKANTH
49	18S45A0224	ITIKYALA RAJKUMAR
50	18S45A0225	KARNI LAXMAN
51	18S45A0226	KEESARI VENKATESH
52	18S45A0227	KINNERA DHARMENDAR
53	18S45A0228	KOMMU NANDA KISHOR
54	18S45A0229	MALYALA BHANU PRASAD
55	18S45A0230	MARUPAKA SUKESH
56	18S45A0231	MOHAMMAD AAMER MUSTHAF
57	18S45A0232	MOHAMMAD SAMEERUDDIN
58	17S41A0225	KONTU SHIVANI
59	17S41A0226	MANDALA AKSHAYA
60	17S41A0227	MARAVENI ANIL
61	17S41A0228	MARUTHA SUMANTH
62	17S41A0229	MASRATH TABASSUM
63	17S41A0230	MEKALA SHIREESHA
64	17S41A0231	MOGILIPALEM SOUMYA
65	17S41A0232	MOHAMMED ASEEMUDDIN
66	17S41A0233	NALLA RANJITH KUMAR
67	17S41A0234	NERELLA AKHILA
68	17S41A0235	ORUGANTI SHRAVYA

69	17S41A0237	PATHIPAKA NAVEEN
70	17S41A0238	PITTALA ANUSHA
71	17S41A0239	PONNALA VENKATESH
72	17S41A0241	SIRIPURAM UMESH
73	17S41A0242	SRIPATHI VENKATASAI
74	17S41A0243	SRIRAMULA HARICHANDAN
75	17S41A0244	THOKALA AMARAVATHI
76	17S41A0245	UDUTALA KEERTHANA
77	18S45A0233	NARASIMHULA ROHITH KUMAR
78	18S45A0234	NEERATI SRINIVAS
79	18S45A0235	NEERLA KALYANKUMAR
80	18S45A0236	OGGE PRAVALIKA
81	18S45A0237	PALAMAKULA RUCHITHA
82	18S45A0238	PALLERLA AVINASHGOUD
83	18S45A0239	PATHA MANISAI
84	18S45A0240	PEDDABOINA PRANAY KUMAR
85	18S45A0241	PEDDAPELLI BHARATHWAJ
86	18S45A0242	PEDDI RAJU
87	18S45A0243	PESARU MOUNIKA
88	18S45A0244	PISKA KARUNAKAR
89	18S45A0245	POTHU HARITHA
90	18S45A0246	POTHU RAKESH
91	18S45A0247	POTHU SHIRISHA
92	18S45A0248	POTHULA DILEEP
93	18S45A0249	PUNNAM VARTHIKA
94	18S45A0250	RUBEENA KHATUN
95	18S45A0251	SAMANTHULA SURESH
96	18S45A0252	SANDIRI RASHMITHA
97	18S45A0253	SAPA PREM KUMAR
98	18S45A0254	SATHPADI VINODKUMAR
99	18S45A0255	SUNAKARI SANKEERTHANA
100	18S45A0256	TEKAM VIJALAXMI
101	18S45A0257	THOUTA ANUSHA
102	18S45A0258	VANGA VAMSHIKRISHNA
103	18S45A0259	VANKUDOTH CHANDULAL
104	18S45A0260	VEERLA SAI KUMAR
105	18S45A0261	VEMULA PRAVALIKA
106	18S45A0262	VEMULA VIDYA
107	18S45A0263	VILASAGARAM SRAVAN KUAMR
108	16S41A0202	AHMED MUQTHAR
109	16S41A0205	ARIGE KAVITHA


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110	16S41A0206	ARKUTI PARSHARAMULU
111	16S41A0207	BAKARAPU ANJANEYULU
112	16S41A0208	BALASANI SRIVANI
113	16S41A0209	BALGURI SRAVANI
114	16S41A0210	BEJUGAM NAGARAJU
115	16S41A0212	BOLLAM SANDHYARANI
116	16S41A0213	BOLLARAPU RAKESH
117	16S41A0214	BOLUGAM SHRAVYA
118	16S41A0215	BYRI MEGHANA
119	16S41A0216	CHITYALA SRIDHAR
120	16S41A0217	DASARI VIJAYKUMAR
121	16S41A0218	DONTA HIMABINDU
122	16S41A0219	EDAPELLI KANUKARAJU
123	16S41A0220	FEROZ SIDDIQI
124	16S41A0221	GANGADHARA AJAY
125	16S41A0222	GOVINDULA HARSHITHA
126	16S41A0223	KALAVENA SRIJA
127	16S41A0224	KALLURI RAMESH
128	16S41A0225	KESHAVENI PRAVALIKA
129	17S45A0201	ADAPA RAVALIKA
130	17S45A0202	AMBEER PRASHANTH
131	17S45A0203	ANDRASS SAIKUMAR
132	17S45A0204	ANUP DEY
133	17S45A0205	BAIRI NAGARAJU
134	17S45A0206	BANDAARI SRAVANI
135	17S45A0210	CHAHKATI SAICHARAN
136	17S45A0211	DASARI DIVYASRI
137	17S45A0212	DUBBA RASAGYA
138	17S45A0213	GARUGULA NISHITHA
139	17S45A0214	GOSUKULA PRASHANTH
140	17S45A0215	GUDIMALLA NEELIMA
141	17S45A0217	JONNALA HANCOOP KUMAR
142	17S45A0218	KANAKAM MAHESH
143	17S45A0219	KAYYAM SAI KUMAR
144	17S45A0220	KOKKULA SHRAVANI
145	17S45A0221	KOLIPAKA MANISHANKAR
146	17S45A0222	KOTTE SAI CHARAN
147	17S45A0223	LINGALA LALITH KUMAR
148	15S41A0224	KOLIPAKA VENKATESH
149	15S41A0236	MUNJA MUKESH
150	16S41A0227	KODAM SAIKRISHNA

151	16S41A0228	KODIMYALA NINEESHA
152	16S41A0232	KUNA RAKESH
153	16S41A0233	MAGGIDI ANJALI
154	16S41A0235	MOHAMMED QHAIS NIZAMI
155	16S41A0237	PABBALA SHARANYA
156	16S41A0238	PALLERLA PAVANKALYAN
157	16S41A0239	POLASA ANUSHA
158	16S41A0240	PUNNAM SHIRISHA
159	16S41A0241	REGULA RAMYA
160	16S41A0242	SAMALA MANEESHA
161	16S41A0243	SOMISHETTI SRIVARUN
162	16S41A0244	SYED MUZAFFAR
163	16S41A0246	VARUKOLU SAI KUMAR
164	16S41A0247	VEGGALAM RAMYA
165	16S41A0248	VELPULA RAMADEVI
166	16S41A0249	VEMULA VINITH KUMAR
167	16S41A0250	YASARAVENI SRIKANTH
168	16S45A0208	ENAGANDULA SHEKAR
169	16S45A0229	R PRASHANTH
170	16S45A0235	VELTHURU RAMCHARAN TEJ
171	17S45A0226	MACHA MANASA
172	17S45A0227	MALLARAPU SPANDANA
173	17S45A0228	MANUPATI NARESH
174	17S45A0230	MOHAMMED ABID HUSSAIN
175	17S45A0231	MOLUMURI MADAN
176	17S45A0232	MUTHYAM KALPANA
177	17S45A0233	MYANA ANUSHA
178	17S45A0234	NADIGATLA RAMU
179	17S45A0236	NEELI KALYANI
180	17S45A0237	NIMMARAJU SANDHYA
181	17S45A0238	PALLE RAVALI
182	17S45A0239	PEDDAPELLI SUJATHA
183	17S45A0240	POLAVENI KRUSHNAM RAJU
184	17S45A0241	RACHARLA JYOTHIRMAI
185	17S45A0242	ROUTHU SHIREESHA
186	17S45A0243	SHAIK GOUSE FASHA
187	17S45A0244	SHANIGARAM SUSHMA
188	17S45A0245	SRIRAMOJU PRUTHVIRAJ KUMAR
189	17S45A0246	SRIRAMOJU VISHAL SIDDHARTHA
190	17S45A0247	THADEM SWATHI
191	17S45A0248	THAIDHA HARSHETHA

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192	17S45A0249	THUMMA HARISH
193	17S45A0250	TUPAKULA ANUPAMA
194	17S45A0251	VEMULA VANI
195	15S41A0201	AKARAPU SRAVANTHI
196	15S41A0202	ANAPURAM SAIKUMAR
197	15S41A0203	BAIRAGONI RAVALIKA
198	15S41A0204	BANDIPALLY REVANTH GOUD
199	15S41A0205	BATTU SANDHYARANI
200	15S41A0206	BILLA ANVESH KUMAR
201	15S41A0207	BOLLI CHANDRASHEKHAR
202	15S41A0208	BURRA AKHIL
203	15S41A0209	BURRA ANIL
204	15S41A0210	BUTHAGADDA SWATHI
205	15S41A0211	CHALLA SHIRISHA
206	15S41A0212	CHOPPADANDI SAIKIRAN
207	15S41A0213	DONAVALLI NAVYA SREE
208	15S41A0214	GADEELA SAIKUMAR REDDY
209	15S41A0215	GAJULA SCUMYA
210	15S41A0216	GOLLA ARAVIND
211	15S41A0217	GOLLAPELLI SAI KUMAR
212	15S41A0218	GORLA ANUSHA
213	15S41A0219	JERIPOTHULA RAJKUMAR
214	15S41A0220	JULA PAVAN KUMAR
215	15S41A0221	KANAKATLA ANUSHA
216	15S41A0222	KANIKIREDDY MOUNIKA
217	15S41A0223	KODAM SAI KRISHNA
218	15S41A0225	KONDLA SWATHI
219	15S41A0226	KONKATI VINAY
220	15S41A0227	KONTHAM ARAVINDKUMAR
221	15S41A0229	KUNDENA SWATHI
222	15S41A0230	MALKAPURAPU CHANDU
223	15S41A0231	MEKALA YAMINI
224	15S41A0232	METHUKU PRATHYUSHA
225	15S41A0235	MUMMADI BHARANYA
226	15S41A0237	NAGULA JYOTHI
227	15S41A0238	NALLAPU SUDHARANI
228	15S41A0240	ORUGANTI RAKESH
229	15S41A0241	PALLE VANDANA
230	15S41A0242	PIDISHETTI MAHENDER
231	15S41A0243	PINGILI BHAVANI
232	15S41A0244	POTHARAJU BHAVANI

Praveen
Praveen
Vaageswari College of Engineering
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233	15S41A0245	RAPARTHI LAKHAN
234	15S41A0246	RAVUTH AISHWARYA
235	14S41A0234	MOHAMMAD ABDUL JAMEEL
236	14S41A0245	NANCHARY RAJESH
237	14S41A0276	DUNDRA PRASHANTH
238	14S41A0282	GURRAM BABU
239	14S41A0285	KONKATA ANJITH
240	14S41A02A0	SRIRAMULA GANESHKUMAR
241	15S41A0249	SINGIRALA VAMSHIDHAR
242	15S41A0250	SUMAN NALINI
243	15S41A0252	YAMSANI SHAILAJA
244	15S41A0253	YASARAVENI SAGAR
245	15S41A0254	MOHAMMAD SHAHID
246	15S45A0208	GYARE MANEESHA
247	16S45A0201	ALLADI RAMYA
248	16S45A0202	BASHAVENI RAJU
249	16S45A0203	BODANAPU GANGABHAVANI
250	16S45A0204	BOMMANI SHIREESHA
251	16S45A0205	BONGANI SWATHI
252	16S45A0206	BONGONI SRICHANDANA
253	16S45A0207	DEVASANI MANIKANTA
254	16S45A0209	GATTU PRIYANKA
255	16S45A0210	GUBIRE YAMINI
256	16S45A0212	KANDUKURI RAMYA
257	16S45A0213	KEMA5ARAM ANUSHA
258	16S45A0214	KHAJA YOUSUFUDDIN
259	16S45A0215	KOLETI SHIVANI
260	16S45A0216	KOLUGURI AJAY
261	16S45A0218	MADASU SURESH
262	16S45A0220	MAKPAKA PHANINDRA
263	16S45A0221	MARRIPELLI RAJKUMAR
264	16S45A0222	MD ASRA
265	16S45A0223	METHRI SRIKANTH
266	16S45A0224	MUDAVATH VARUN TEJA
267	16S45A0225	MULA BHASKER
268	16S45A0226	NALLAVENI CHAITHANYA
269	16S45A0227	PANDHARI HARI PRIYA
270	16S45A0228	PULI RAVINDER
271	16S45A0230	RADANDI THANVESH KUMAR
272	16S45A0232	THUMU VENKATESH

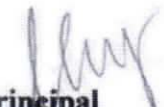
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Principal,
Vaagdevi College of Engineering,
KARIMNAGAR-505 527.

273	16S45A0233	VADLAGATTA VAMSHIKRISHNA
274	16S45A0234	VATTIMALLA NAVEEN KUMAR
275	16S45A0236	VUPPU SAIPRASANNA KUMAR


Head


Coordinator


Principal
Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527


Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527



VAAGESWARI COLLEGE OF ENGINEERING

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

Date: 21/02/2020

CERTIFICATE

This is to certify that **Mr.V.Anil** Asst.Prof Dept of EEE has designed and developed the curriculum for Add-on Certificate program “**ARTIFICIAL INTELLIGENCE IN POWER STATION**” during the academic year 2019-20.


HOD


PRINCIPAL
Principal
Vaageswari College of Engineering
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VAAGESWARI COLLEGE OF ENGINEERING

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

Date: 21/02/2020

CERTIFICATE

This is to certify that **Mr.B.Praneeth Kumar** Asst.Prof Dept of EEE has designed and developed the curriculum for Add-on Certificate program “**ARTIFICIAL INTELLIGENCE IN POWER STATION**” during the academic year 2019-20.


HOD


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

Department of Electronics and Electrical Engineering

REPORT


Academic Year : 2019-20
Class and Semester : B.Tech II,III,IV year II semester
Title : ARTIFICIAL INTELLIGENCE IN POWER STATION
Course Duration : 42 Hours (6 Hrs per day) during 13 Feb 2020 – 20 Feb 2020
Number of students completing the Certificate Course: 47

Summary Report of the Program with Outcome:

- ❖ An Overview Of Artificial Intelligence Applications In Power Systems
- ❖ The artificial neural network
- ❖ Development Trend of Artificial Intelligence in Electric Power System
- ❖ Applications And Protections Of Artificial Intelligence System
- ❖ The Application of Artificial Intelligence in the System Operation Control
- ❖ Power system relay protection

The student can get Knowledge on:

The emerging new technology in the electricity supply system. The progress in communication technology and expansion of IT-related technology, research and development have also been progressing based on the concept of an intelligent system, not only on units or equipment, but also the constitution of the system itself.


Signature of faculty



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

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Certificate of Participation

This is to certify that Mr. / Ms. S. Pruthvi Raj

Hall Ticket No. 17S45A0245 of III B.Tech EEE has

successfully completed Add an certificate course on Artificial Intelligence in -
power systems.

Organized by the Department of EEE

From 13th Feb-2020 to 20th Feb-2020 (30) Hrs.

Coordinator

Ramachandra

Co-coordinator

Anil

[Signature]

Principal

[Signature]



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. K. Apoorva

Hall Ticket No. 18541A0236 of II BTECH EEE has

successfully completed Add on certificate course on Artificial Intelligence in -
- power systems.

Organized by the Department of EEE

From 13th - feb - 2020 to 20th - feb - 2020 (30) Mtrs.

Ramesh

Coordinator

Arul

Co-coordinator

[Signature]

Principal

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of Engineer
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Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
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Date:02.09.2019

To

The Principal,

Vaageswari College of Engineering.

Respected Sir,

Sub: Requisition to get permission to conduct Certification Course on “**Advanced electrical vehicles**” in our Campus for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 16th Sep. 19 – 20th Sep. 19.

It is our privilege to inform you that we EEE Department is planning to conduct a Certification Course on “**Advanced electrical vehicles**” for our 02nd, 03rd, and 04th year Electrical and Electronics Engineering students from 16th Sep. 19 – 20th Sep. 19.

This course focuses on some new definitions and methodologies of electrical drives that are facing new challenges raised by alternative fuel vehicles.

It states with the objectives, fundamentals, and current research issues of alternative fuel vehicles based electric drives, before moving on to new definitions of unified modeling of the entire electric drive system and design of the proposed DC active power filter aimed at energy storage system chaotic current elimination.

In this connection we request you to consider our request and grant permission to conduct the above said program. Hoping you early response for this approval.

Thanking you Sir,

Yours faithfully

Enclosures:

- 1.Circular
- 2.Brochure
- 3.Day wise schedule


Course Coordinator



CERTIFICATE PROGRAM
On
“ADVANCED ELECTRICAL VEHICLES”

Organized By

DEPARTMENT OF EEE

16 SEPTEMBER 2019

TO

20 SEPTEMBER 2019

From 10.30 am to 4.30 pm

Registrations are accepted on or before 12TH SEPTEMBER 2019

ADVANCED ELECTRICAL VEHICLES:

This focuses on some new definitions and methodologies of electric drives that are facing new challenges raised by alternative fuel vehicles.

It starts with the objectives, fundamentals, and current research issues of alternative fuel vehicles based electric drives, before moving on to new definitions of unified modeling of the entire electric drive system and design of the proposed DC active power filter aimed at energy storage system chaotic current elimination.

PROGRAM OUTCOME:

Novel motor control strategies taking into account alternative fuel vehicle operations are presented for improvement of sensorless drive and flux weakening control performance.

Before moving on to new definitions of unified modeling of the entire electric drive system and design of the proposed DC active power filter aimed at energy storage system chaotic current elimination.

For Further Information Contact:

Coordinator

Mr. P.Pranay Kumar

Asst. Prof, Dept. of EEE

Co-Coordinator

Mr. M.Sathish

Asst. Prof, Dept. of EEE



VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
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Date: 10.09.2019

CIRCULAR

All the staff and students are here by informed that the Department of Electrical and Electronics Engineering is going to organize 5 Days add-on/Certification program for EEE II, III and IV year Students on “**Advanced Electrical vehicles**” from 16th Sep. 2019 – 29th Sep. 2019.

Note: For the details please contact the Course Coordinator

Mr. P.Pranay Kumar

Asst. Prof. Dept of EEE

9030451174


HOD


PRINCIPAL
Principal
Vaageswari College of Engineering
KARIMNAGAR-505 527.



VAAGESWARI COLLEGE OF ENGINEERING

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

Type of Course	:	Add On Certificate Course
Title of the Course	:	ADVANCED ELECTRICAL VEHICLES
Duration of the Course	:	30 Hours.
Dates	:	16 th Sep. 19 – 20 th Sep. 19.

Topics Covered

- ❖ Induction Machine Equations in Phase Quantities
- ❖ Dynamic Analysis of Induction Machines in Terms of dq Windings
- ❖ Vector Control of Induction-Motor Drives
- ❖ Mathematical Description of Vector Control in Induction Machines
- ❖ Detuning Effects in Induction Motor Vector Control
- ❖ Dynamic Analysis of Doubly Fed Induction Generators and Their Vector Control
- ❖ Space Vector Pulse Width-Modulated (SV-PWM) Inverters
- ❖ Direct Torque Control (DTC) and Encoder less Operation of Induction Motor Drives
- ❖ Vector Control of Permanent-Magnet Synchronous Motor Drives

Schedule:

Day	Topic Covered
Day 1	Induction Machine Equations in Phase Quantities and Dynamic Analysis of Induction Machines in Terms of dq Windings
Day 2	Vector Control of Induction-Motor Drives and Mathematical Description of Vector Control in Induction Machines
Day 3	Detuning Effects in Induction Motor Vector Control and Dynamic Analysis of Doubly Fed Induction Generators and Their Vector Control
Day 4	Space Vector Pulse Width-Modulated (SV-PWM) Inverters and Direct Torque Control (DTC) and Encoderless Operation of Induction Motor Drives
Day 5	Vector Control of Permanent-Magnet Synchronous Motor Drives


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Type of Program : Add-On/Certificate Program
Title of the Course : ADVANCED ELECTRICAL VEHICLES
Duration of the Course : 5 Days
Dates : 16th Sep. 19 – 20th Sep. 19.

DAY WISE SCHEDULE

Day	Topics Covered	Faculty Name	Time
Day 1	Induction Machine Equations in Phase Quantities and Dynamic Analysis of Induction Machines in Terms of dq Windings	Mr.P.Pranay Kumar	10.30am to 4.30pm
Day 2	Vector Control of Induction-Motor Drives and Mathematical Description of Vector Control in Induction Machines	Mr.P.Pranay Kumar	10.30am to 5.00pm
Day 3	Detuning Effects in Induction Motor Vector Control and Dynamic Analysis of Doubly Fed Induction Generators and Their Vector Control	Mr.P.Pranay Kumar	10.30am to 4.30pm
Day 4	Space Vector Pulse Width-Modulated (SV-PWM) Inverters and Direct Torque Control (DTC) and Encoderless Operation of Induction Motor Drives	Mr.M.Sathish	10.30am to 4.30pm
Day 5	Vector Control of Permanent-Magnet Synchronous Motor Drives	Mr.M.Sathish	10.30am to 5.00pm

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DEPARTMENT OF EEE

Type of Course: Add-on/Certificate Program

Class/Semester: II,III,IV-I Sem

Title of the Course: Advanced Electrical Vehicles

Duration of the Course: 5 Days

Dates: 16th Sep 2019 to 20th Sep 2019

S.No	Hall Ticket No.	Name of the Student	Day 1	Day 2	Day 3	Day 4	Day 5
1.	18S41A0212	CHANDABOINA RAMYA	P	P	P	P	P
2.	18S41A0213	CHENNOJU KAVYANJALI	P	P	P	P	P
3.	18S41A0214	CHEPLURI VAMSHI KRISHNA	P	P	P	P	P
4.	18S41A0215	CHINTA PUVVU RAGINI	P	P	P	P	P
5.	18S41A0216	DANAVENI RAVALI	P	P	P	P	P
6.	18S41A0217	DARAVENI MEGHANA	P	P	P	P	P
7.	18S41A0218	DEVARAKONDA RAKESH	P	P	P	P	P
8.	18S41A0219	DRAKSHAPELLI KAVITHA	P	P	P	P	P
9.	18S41A0237	KURMA RENUKA	P	P	P	P	P
10.	18S41A0238	LAKKU SANDHYA	P	P	P	P	P
11.	18S41A0239	LONKOJU SAITHEJA	P	P	P	P	P
12.	19S45A0201	ALLAM ARCHANA	P	P	P	P	P
13.	19S45A0202	ANAGANDULA KALYAN	P	P	P	P	P
14.	19S45A0203	ANASURI ANUDEEP	P	P	P	P	P
15.	19S45A0204	AVUNOORI RAKESH KUMAR	P	P	P	P	P
16.	19S45A0220	JETTI NIKHITHA	P	P	P	P	P
17.	19S45A0221	JOGINIPELLI UDAINI	P	P	P	P	P
18.	19S45A0222	KOLLURI SHANTHI RAJ	P	P	P	P	P
19.	19S45A0223	KONTU NAVYA	P	P	P	P	P
20.	18S41A0240	MADUPALLI DHARANI	P	P	P	P	P
21.	18S41A0241	MADUPALLI SANNIHITHA	P	P	P	P	P
22.	18S41A0242	MAHAMMAD SHAHEDA	P	P	P	P	P
23.	18S41A0244	MD DILSHAD KHAN	P	P	P	P	P
24.	19S45A0239	RAPAKA ADITHYA	P	P	P	P	P

25.	19S45A0240	RUBEENA YASMIN	P	P	P	P	P
26.	19S45A0241	SAJJANAPU SRIVANI	P	P	P	P	P
27.	19S45A0242	SANKENAPALLY DEEPAK	P	P	P	P	P
28.	19S45A0243	SRIRAM THARUN	P	P	P	P	P
29.	19S45A0244	THADAKA KALYAN	P	P	P	P	P
30.	19S45A0245	THODETI AMARENDER	P	P	P	P	P
31.	19S45A0246	THUMMA ARAVIND	P	P	P	P	P
32.	17S41A0220	KANAVENA MAMATHA	P	P	P	P	P
33.	17S41A0221	KATHI SWETHA	P	P	P	P	P
34.	17S41A0223	KAVETI MAHESH	P	P	P	P	P
35.	17S41A0224	KONDRA SOWMYA	P	P	P	P	P
36.	18S45A0201	ADLA KAVYA	P	P	P	P	P
37.	18S45A0202	ALLURI JYOTHSNA	P	P	P	P	P
38.	18S45A0203	APPALA SPANDANA	P	P	P	P	P
39.	18S45A0204	BANDI SRILEKHA	P	P	P	P	P
40.	18S45A0229	MALYALA BHANU PRASAD	P	P	P	P	P
41.	18S45A0230	MARUPAKA SUKESH	P	P	P	P	P
42.	18S45A0231	MOHAMMAD AAMER MUSTHAFA	P	P	P	P	P
43.	18S45A0232	MOHAMMAD SAMEERUDDIN	P	P	P	P	P
44.	17S41A0225	KONTU SHIVANI	P	P	P	P	P
45.	17S41A0226	MANDALA AKSHAYA	P	P	P	P	P
46.	17S41A0227	MARAVENI ANIL	P	P	P	P	P
47.	17S41A0228	MARUTHA SUMANTH	P	P	P	P	P
48.	17S41A0229	MASRATH TABASSUM	P	P	P	P	P
49.	16S41A0223	KALAVENA SRIJA	P	P	P	P	P
50.	16S41A0224	KALLURI RAMESH	P	P	P	P	P
51.	16S41A0225	KESHAVENI PRAVALIKA	P	P	P	P	P
52.	17BE5A0231	NUNAVATH RAVIKANTH	P	P	P	P	P
53.	17S45A0201	ADAPA RAVALIKA	P	P	P	P	P
54.	17S45A0202	AMBEER PRASHANTH	P	P	P	P	P
55.	17S45A0203	ANDRASS SAIKUMAR	P	P	P	P	P





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Department of Electronics and Electrical Engineering

REPORT

Academic Year : 2019-20
Class and Semester : B.Tech II,III,IV year I semester
Title : ADVANCED ELECTRICAL VEHICLES
Course Duration : 36 Hours (6 Hrs per day) during 16th September 2019 to 29th September 2019

Number of students completing the Certificate Course: 55

Summary Report of the Program with Outcome:

- Introduction to EV Technology
- Introduction to Motors in EV
- Fundamentals of electric vehicle Batteries
- Charging technologies in EV
- Public Charging station
- Converter
- Inverter
- Controls & Controllers in EV.
- Future Trends in Electric Cars

The student can get Knowledge on:

The fundamentals of Electric Vehicles and the Basics of Battery driven Electric Vehicle and its Dynamics, Motors, Power Electronics, Batteries, Charging etc.


Signature of faculty



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Date: 21/09/2019

CERTIFICATE

This is to certify that **Mr.P.Pranay Kumar** Asst.Prof, Dept of EEE has designed and developed the curriculum for Add-on Certificate program "**ADVANCED ELECTRICAL VEHICLES**" during the academic year 2019-20.


HOD


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Principal
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Date: 21/09/2019

CERTIFICATE

This is to certify that **Mr.M.Sathish** Asst.Prof Dept of EEE has designed and developed the curriculum for Add-on Certificate program "**ADVANCED ELECTRICAL VEHICLES** " during the academic year 2019-20.


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Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. K. Navya

Hall Ticket No. 19S45A0223 of II B Tech EEE has

successfully completed Add on certificate course on Advanced Electrical Drives.

Organized by the Department of EEE

From 16th - Sep - 2019 to 29th - Sep - 2019 (30) Hrs.

Coordinator

Co-coordinator

Principal

Vaageswari Engineering College
Karimnagar-505 481



VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 481 (T.S.)

Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad

Certificate of Participation

This is to certify that Mr. / Ms. S. Deepak

Hall Ticket No. 19S45A0242 of II - BTECH - EEE has

successfully completed Add on certificate course on Advanced Electrical Drives

Organized by the Department of EEE

From 16th - Sep - 2019 to 29th - Sep - 2019 (30) Hrs.

[Signature]
Coordinator

[Signature]
Co-coordinator

[Signature]

[Signature]
Principal



VAAGESWARI COLLEGE OF ENGINEERING

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Date: 20-03-2020

To,

The Principal,

Vaagesawari college of Engineering,

Sub: Requisition: To conduct add-on certificate program on "SMALL BUSINESS MANAGEMENT" for our management students from 01-04-2020 to 21-04-2020-reg.

It is pleasure to inform you that we Mechanical Department is planning to conduct a certificate course on "**SMALL BUSINESS MANAGEMENT**" for our Management Students from 01-04-2020 to 21-04-2020.

This course will enable students to develop an understanding of entrepreneurship and small business management by studying entrepreneurial strategies, the identification. and pursuit of new venture opportunities, and the development of business plans. Students will also study the FSM macro environment and how it directly or indirectly influences entrepreneurship and the establishment and growth of small businesses in the FSM.

In this connection, I request you to grant permission to conduct the above said course. Iam looking forward to hear from you soon regarding this approval. This is for your information and kind approval.

Thanking you sir,

Yours faithfully

Course coordinator

Encl:

1. Circular
2. Boucher
3. Program Schedule (Day-Wise)