



VAAGESWARI COLLEGE OF ENGINEERING

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

CERTIFICATE PROGRAM **On** **ADVANCED SURVEYING USING TOTAL STATION** **Organized By** **DEPARTMENT OF CIVIL ENGINEERING**

20th October 2021

TO

30th October 2021

FROM 1.30 PM TO 4.30 PM

Through OFFLINE mode

Registrations are accepted on or before 18th NOVEMBER 2021

TOTAL STATION:

A total station is a surveying instrument that combines an electronic theodolite and an electronic distance meter to provide accurate measurements of both horizontal and vertical angles as well as distances.

PROGRAM OUTCOME:

- Learning measurement of distances and angles.
- Learning contour and detail mapping.
- Learning setting out and construction work.

For Further Information Contact

Coordinator

K. Rajesh

Asst Prof, Dept. of CIVIL

Co-Coordinator

V. Mahesh

Asst Prof, Dept. of CIVIL

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



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CERTIFICATE PROGRAM **On** **BIM-REVIT ARCHITECTURE FOR BUILDING DESIGN** *Organized By* **DEPARTMENT OF CIVIL ENGINEERING**

02nd March 2022

TO

12th March 2022

FROM 1.30 PM TO 4.30 PM

Through OFFLINE mode

Registrations are accepted on or before 28th February 2022

BIM-REVIT ARCHITECTURE:

BIM stands for BUILDING INFORMATION MODELLING. BIM software is used to model and optimize projects by planning, designing, and operating building models. Revit is a commercial building information modeling (BIM) software tool introduced by Autodesk.

PROGRAM OUTCOME:

- To Understand structural analytical model.
- To understand geometry and position for beams and braces .
- To understand load values and create 3D models.

For Further Information Contact

Coordinator

G.Rupa

Asst Prof, Dept. of CIVIL

Co-Coordinator

E. Rukesh Reddy

Asst Prof, Dept. of CIVIL

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



CERTIFICATE PROGRAM

On

ETHICAL HACKING

Organized By

DEPARTMENT OF CSE

1st Dec 2021

to

11th Dec 2021

FROM 1.30 PM TO 4.30 PM

Registrations are accepted on before 30th Nov 2021

ETHICAL HACKING:

Ethical hacking is a process of detecting vulnerabilities in an application, system, or organization's infrastructure that an attacker can use to exploit an individual or organization. They use this process to prevent cyber attacks and security breaches by lawfully hacking into the systems and looking for weak points.

PROGRAM OUTCOME:

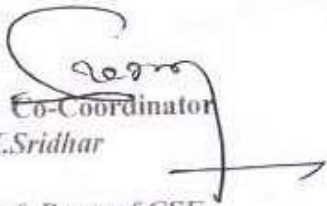
Plan a vulnerability assessment and penetration test for a network.

- Execute a penetration test using standard hacking tools in an ethical manner.
- Analysis of the strengths and vulnerabilities of the tested network.
- Identify legal and ethical issues related to vulnerability and penetration testing.

For Further Information Contact:


Coordinator
Dr. N. Chandramouli

Professor Dept. of CSE


Co-Coordinator
K. Sridhar
Asst. Prof. Dept. of CSE



**A
CERTIFICATE PROGRAM
On
SIGNAL PROCESSING USING MATLAB**

Organized By

DEPARTMENT OF ECE

1st DEC 2021

to

7th DEC 2021

from 9.30 AM to 4.30 PM

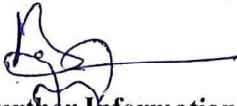
**** Registrations are accepted before 5th December 2021**

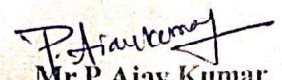
SIGNAL PROCESSING USING MATLAB:

This Specialization provides a full course in Digital Signal Processing, with a focus on audio processing and data transmission. You will start from the basic concepts of discrete-time signals and proceed to learn how to analyze data via the Fourier transform, how to manipulate data via digital filters and how to convert analog signals into digital format. Finally, you will also discover how to implement real-time DSP algorithms on a general-purpose microcontroller. The solid theoretical bases provided by the four courses in this specialization are complemented by applied examples in Python, in the form of Jupyter Notebooks; exercises with solutions provide a wealth of examples in order to tackle the weekly homework..

PROGRAMME OUTCOME:

- ❖ Learn in-demand skills from university and industry experts
- ❖ Master a subject or tool with hands-on projects
- ❖ Develop a deep understanding of key concepts
- ❖ In-depth knowledge of design, construction, and programming concepts involved in building an autonomous system. Learn & Interact with renowned Industry Experts.


For Further Information Contact:
Mr. B. Bhargavendra
Coordinator
Assistant Professor


Mr. P. Ajay Kumar
Co-Coordinator
Assistant Professor



VAAGESWARI COLLEGE OF ENGINEERING

(Sponsored by SREE VAAGESWARI EDUCATIONAL SOCIETY)

Accredited by NAAC with A+ Grade

Approved by AICTE New Delhi and Affiliated to JNTUH Hyderabad
Recognised by the Govt. of Telangana State



CERTIFICATE PROGRAM
On
SMART ENERGY DELIVERY SYSTEMS

Organized By

DEPARTMENT OF EEE

13th December 2021

TO

17th December 2021

FROM 10.30 PM TO 4.30 PM

Through OFFLINE mode

About the Programmed

The objective of this faculty development programme on Smart Energy Delivery Systems is to provide exposure to the participating faculty members about the concepts of Smart Grid, Micro Grid & Recent Advances in Renewable Energy Technologies. The programme will begin with an overview of Smart grid and Micro grid and further deliberate on latest advancements and practices.

PROGRAM OUTCOME:

- Energy Crisis and Issues, Overview of Smart Grid and Load Forecasting.
- Power System Stability.
- Micro & Macro grids.
- Renewable Energy Development in India.

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
KARIMNAGAR-505 527.



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CERTIFICATE PROGRAM **On** **Advances in Control and Its Application in Power Technology**

Organized By

DEPARTMENT OF EEE

22th March 2022

TO

26th March 2022

FROM 10.30 PM TO 4.30 PM

Through OFFLINE mode

About the Programmed

The objective of this course is to aware and enhanced the soft computing Skills, research based outcome in recent trends of Electrical and Electronics domain for the technical teachers upon the various key technologies used these days. One of the key features of this course is that, along with discussing the advanced research topics and cutting edge technologies, it will encompass fundamental aspects of digital as well as Electrical and Electronics domain technologies.

PROGRAM OUTCOME:

- Modelling of Renewable Energy Systems.
- Power electronics Application in Smart Grid.
- Research based modern Power system application.

For Further Information Contact

Coordinator

K. RAMESH

Asst. prof.Department of EEE

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Principal

Vaageswari College of Engineering
KARIMNAGAR-505 527.



CERTIFICATE PROGRAM

On

Essentials of Infrastructure

Organized By

DEPARTMENT OF MCA

14th Feb 2022

TO

24th Feb 2022

Timings 1.30 PM TO 4.30 PM

Registrations are accepted on before 10th Feb 2022

Essentials of Infrastructure:

CLOUD COMPUTING ESSENTIALS: The National Institute of Standards Technology (NIST) lists five essential characteristics of cloud computing: on-demand self-service, broad network access, resource pooling, rapid elasticity, and measured service.

PROGRAM OUTCOME:

- Understand the principles of Cloud Computing, Cloud Economics, DevOps & cloud platforms.
- Apply the appropriate Cloud Services to various scenarios.
- Deploy, manage and operate applications on scalable, highly available and fault-tolerant Cloud Platforms.
- Develop skills for implementing cloud solutions for various scenarios

For Further Information Contact:

Coordinator:
Mr.B.Anveshkumar
Assistant professor.
Dept.of MCA

Co-Coordinator:
Mr.Polu Sathish

Asst.Prof, Dept. of MCA