



# VAAGESWARI COLLEGE OF ENGINEERING

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

Date: 08-07-2021

To  
The Principal,  
Vaageswari college of Engineering,  
Karimnagar.

Respected sir,

**Sub:** Requisition to conduct Add-on certification program on **"ETHICAL HACKING"**  
for I Year II Sem students from 17<sup>th</sup> July 2021 to 26<sup>th</sup> July 2021-reg.

It is our pleasure to inform you that the Department of MCA is planning to conduct Add-on/Certification program on "Ethical Hacking" for I-year II-sem MCA students from 17<sup>th</sup> July 2021 to 26<sup>th</sup> July 2021. This course contains complete in network hacking section, and learn how networks work, how to crack Wi-Fi keys and gain access the Wi-Fi networks. In Gaining access section, learn how to gain access to the servers and personal computers. Hands-on experience on software and technologies involved in Ethical Hackings.

The student can learned as:

- Bug Bounty Hunting
- Penetration Testing
- Malware Analysis
- Darknet & Deep Web

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.

Enclosures:

1. Circular
2. Brochure
3. Day wise schedule

Yours faithfully

  
Coordinator

  
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: 09/07/2021

### **CIRCULAR**

All the staff and students are hereby informed that the department of MCA is going to organize 10 Days Add-On/Certification Program for I year II sem students on "**ETHICAL HACKING**" from 17<sup>th</sup> July 2021 to 26<sup>th</sup> July 2021.

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

**Dr.V.Bapuji**

Associate Prof. Dept.of MCA

9848493616

  
HOD

  
PRINICIPAL

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527.



# **CERTIFICATE PROGRAM**

On

## **ETHICAL HACKING**

*Organized By*

### **DEPARTMENT OF MCA**

17<sup>th</sup> July 2021

TO

26<sup>th</sup> July 2021

**FROM 1.30 PM TO 4.30 PM**

**Through ONLINE Mode**

**Registration link**

<https://forms.gle/qsxC24oCG8bMTskUA>

**Registrations are accepted on before 16<sup>th</sup> July 2021**

### **ETHICAL HACKING:**

**E**thical 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. V. Bapuji**  
**Associate.Prof Dept.of MCA**

**Co-Coordinator**  
**B. Sharan**  
**Asst.Prof, Dept. of MCA**

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





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## DEPARTMENT OF MCA

**Type of Program:** Add-On/Certificate Program

**Title:** ETHICAL HACKING

**Duration:** 10 Days

**Dates:** 17<sup>th</sup> July 2021 to 26<sup>th</sup> July 2021

## DAY WISE SCHEDULE

| Days   | Topics Covered                 | Faculty Name  | Time           |
|--------|--------------------------------|---------------|----------------|
| Day 1  | Introduction                   | Dr. V. Bapuji | 1:30 to 4:30pm |
| Day 2  | Environmental Setup            | Dr. V. Bapuji | 1:30 to 5:00pm |
| Day 3  | Network Penetration Testing    | Dr. V. Bapuji | 1:30 to 5:00pm |
| Day 4  | Post-Connection Attacks.       | Dr. V. Bapuji | 1:30 to 4:30pm |
| Day 5  | Capturing the handshake        | Dr. V. Bapuji | 1:30 to 4:30pm |
| Day 6  | Fake authentication attack     | B.SHARAN      | 2:00 to 5:00pm |
| Day 7  | Post-Connection Attacks        | B.SHARAN      | 1:30 to 4:30pm |
| Day 8  | ARP request replay attack.     | B.SHARAN      | 1:30 to 5:00pm |
| Day 9  | Securing network from attacks  | B.SHARAN      | 2:00 to 5:00pm |
| Day 10 | Conclusion of ETHICAL HACKING. | B.SHARAN      | 1:30 to 4:30pm |

  
HOD

  
PRINCIPAL

Principal  
Vaageswari College of Engineering  
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## DEPARTMENT OF MCA

Type of Program: Add-On/Certificate Program

Class/Semester: IYear-II Sem

Title: ETHICAL HACKING

Class/Semester: MTECH IYear-II Sem

Duration: 10 days

Dates: 17<sup>th</sup> July 2021 to 26<sup>th</sup> July 2021

| SNO | Hall Ticket Number | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 | DAY 8 | DAY 9 | DAY 10 |
|-----|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1   | 20S41F0001         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 2   | 20S41F0002         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 3   | 20S41F0003         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 4   | 20S41F0004         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 5   | 20S41F0006         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 6   | 20S41F0007         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 7   | 20S41F0011         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 8   | 20S41F0012         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 9   | 20S41F0013         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 10  | 20S41F0016         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 11  | 20S41F0017         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 12  | 20S41F0021         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 13  | 20S41F0022         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 14  | 20S41F0025         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 15  | 20S41F0026         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 16  | 20S41F0027         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 17  | 20S41F0032         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 18  | 20S41F0033         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 19  | 20S41F0035         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 20  | 20S41F0036         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 21  | 20S41F0037         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 22  | 20S41F0038         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 23  | 20S41F0039         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 24  | 20S41F0041         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 25  | 20S41F0042         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 26  | 20S41F0043         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 27  | 20S41F0053         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 28  | 20S41F0054         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 29  | 20S41F0055         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 30  | 20S41F0057         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |

*[Signature]*

*[Signature]*  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

|    |            |   |   |   |   |   |   |   |   |   |   |   |
|----|------------|---|---|---|---|---|---|---|---|---|---|---|
| 31 | 20S41D5801 | P | P | P | P | P | P | P | P | P | P | P |
| 32 | 20S41D5802 | P | P | P | P | P | P | P | P | P | P | P |
| 33 | 20S41D5803 | P | P | P | P | P | P | P | P | P | P | P |
| 34 | 20S41D5804 | P | P | P | P | P | P | P | P | P | P | P |
| 35 | 20S41D5805 | P | P | P | P | P | P | P | P | P | P | P |
| 36 | 20S41D5806 | P | P | P | P | P | P | P | P | P | P | P |
| 37 | 20S41D5807 | P | P | P | P | P | P | P | P | P | P | P |
| 38 | 20S41D5808 | P | P | P | P | P | P | P | P | P | P | P |
| 39 | 20S41D5809 | P | P | P | P | P | P | P | P | P | P | P |
| 40 | 20S41D5810 | P | P | P | P | P | P | P | P | P | P | P |
| 41 | 20S41D5811 | P | P | P | P | P | P | P | P | P | P | P |
| 42 | 20S41D5812 | P | P | P | P | P | P | P | P | P | P | P |
| 43 | 20S41D5813 | P | P | P | P | P | P | P | P | P | P | P |
| 44 | 20S41D5814 | P | P | P | P | P | P | P | P | P | P | P |
| 45 | 20S41D5815 | P | P | P | P | P | P | P | P | P | P | P |
| 46 | 20S41D5816 | P | P | P | P | P | P | P | P | P | P | P |
| 47 | 20S41D5817 | P | P | P | P | P | P | P | P | P | P | P |
| 48 | 20S41D5818 | P | P | P | P | P | P | P | P | P | P | P |
| 49 | 20S41D5819 | P | P | P | P | P | P | P | P | P | P | P |
| 50 | 20S41D5820 | P | P | P | P | P | P | P | P | P | P | P |
| 51 | 20S41D5821 | P | P | P | P | P | P | P | P | P | P | P |
| 52 | 20S41D5822 | P | P | P | P | P | P | P | P | P | P | P |
| 53 | 20S41D5823 | P | P | P | P | P | P | P | P | P | P | P |
| 54 | 20S41D5824 | P | P | P | P | P | P | P | P | P | P | P |
| 55 | 20S41D5825 | P | P | P | P | P | P | P | P | P | P | P |
| 56 | 20S41D5826 | P | P | P | P | P | P | P | P | P | P | P |
| 57 | 20S41D5827 | P | P | P | P | P | P | P | P | P | P | P |
| 58 | 20S41D5828 | P | P | P | P | P | P | P | P | P | P | P |
| 59 | 20S41D5829 | P | P | P | P | P | P | P | P | P | P | P |

  
HOD

  
PRINCIPAL  
Principal  
Mageswari College of Engineering  
KARIMNAGAR-505 527.





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Add-on/Certification Program on "ETHICAL HACKING"

## FEEDBACK FORM

Name G. Sotkanth Branch/Year MCA 1<sup>st</sup> year Please complete the evaluation For Add on course on "**ETHICAL HACKING**". 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 enjoyed alot while learning Ethical hacking

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

It will be useful in our future

Suggestions: Thank you for sharing detailed honest information

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

Principal  
Vaageswari College of Engineering





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Add-on/Certification Program on "ETHICAL HACKING"

## FEEDBACK FORM

Name Faiya Tabussum Branch/Year MCA 1st Please complete the evaluation For Add on course on "ETHICAL HACKING". 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 enjoyed Analysis of the strengths and vulnerabilities of the tested network.

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

The legal risks of ethical hacking includes lawsuits due to disclosure of Personal information

Suggestions: Increase more sessions.

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

  
Principal  
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KARIMNAGAR-505 527.



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Add-on/Certification Program on "ETHICAL HACKING"

## FEEDBACK FORM

Name A. Anusha Branch/Year MCA 2st Please complete the evaluation For Add on course on "**ETHICAL HACKING**". 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'm very interested in hacking course.  
I enjoyed a lot in this course.

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

By learning ethical hacking, we can play  
a vital role in securing the system and data.

Suggestions: Increase Practical learning tasks

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

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



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Add-on/Certification Program on "ETHICAL HACKING"

## FEEDBACK FORM

Name K. Vinaya Branch/Year MCA 2<sup>nd</sup> Please complete the evaluation For Add on course on "**ETHICAL HACKING**". 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?

Malware Analysis

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

It will be used for secure the Data.

Suggestions: Add depth of course content

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

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.





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Add-on/Certification Program on "ETHICAL HACKING"

## FEEDBACK FORM

Name B. Sai praveen Branch/Year mca 1st Please complete the evaluation For Add on course on "**ETHICAL HACKING**". 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?

Bug Bounty hunting.

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

It will be used to secure data and not to be theft.

Suggestions: Course create more confident and industry course create more confident upper level lectures are required

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

  
Vaageswari College of Engineering  
KARIMNAGAR-505 627.



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## REPORT

**Date:** 27/07/2021

**Academic Year:** 2020-2021

**Class and Semester:** MCA I year I Sem

**Title:** ETHICAL HACKING

**Duration:** 32 Hours (3 Hrs per Day) during 17<sup>th</sup> July 2021 to 26<sup>th</sup> July 2021

**Number of students completed the Add-On/Certification Program:** 59

### Summary Report of the Program with Outcome:

This course contains Complete understanding ETHICAL HACKING is the network hacking section, we will learn how networks work, how to crack Wi-Fi keys and gain access the Wi-Fi networks. In Gaining access section, we will learn how to gain access to the servers and personal computers. In the post-exploitation section, we will learn what we can do with the access that we gained in the previous section. So we learn how to interact with the file system, how to execute a system command, how to open the webcam. In the website hacking section, we will learn how the website works, how to gather comprehensive information about website. In the end, we will learn how to secure our system from the discussed attacks. Implement a solid ETHICAL HACKING foundation.

- Environmental Setup
- Network Penetration Testing
- Post-Connection Attacks

The student can get Knowledge on:

- Capturing the handshake
- Fake authentication attack
- Post-Connection Attacks

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

**Signature of faculty**

1. Dr. V. Bapuji

2. B. Sharan



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Date:27/07/2021

## CERTIFICATE

This is to certify that **Dr.V.Bapuji** Associate Professor&Head, department of MCA has designed and developed the curriculum for Add-on certificate program "**ETHICAL HACKING**" during the academic year 2020-21.

  
HOD

  
PRINCIPAL

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527.





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Date:27/07/2021

## CERTIFICATE

This is to certify that **Mr.B.Sharan** Associate Professor&Head, department of MCA has designed and developed the curriculum for Add-on certificate program **"ETHICAL HACKING"** during the academic year 2020-21.

  
HOD

  
PRINCIPAL  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

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

Hall Ticket No. 20541E0022 of M.C.A Ist year II sem has

successfully completed Ethical Hacking

Organized by the Department of M.C.A

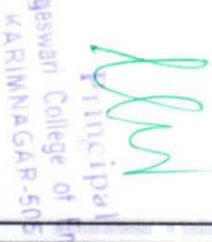
From 13<sup>th</sup> July - 2021 to 26<sup>th</sup> July - 2021 (Training Duration : hrs).

  
Coordinator

  
Co-coordinator

  
Head

  
Principal

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505



# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

This is to certify that Mr. / Ms. Ly. Sri Kanth

Hall Ticket No. 20541E0033 of M.C.A Ist year II Sem has  
successfully completed Ethical Hacking

Organized by the Department of M.C.A

From 13<sup>th</sup> July - 2021 to 26<sup>th</sup> July - 2021 (Training Duration : 14 Hrs).

  
Coordinator

  
Co-coordinator

  
Head

  
Principal

  
Vaageswari College of Engineering  
KARIMNAGAR-505 527





# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

This is to certify that Mr. / Ms. B. Sai Praveen

Hall Ticket No. 30341F0012 of M.C.A 1st year II Sem has

successfully completed Ethical Hacking

Organized by the Department of M.C.A

From 11<sup>th</sup> July - 2021 to 26<sup>th</sup> July - 2021 (Training Duration : 15 Hrs).

[Signature]  
Coordinator

[Signature]  
Co-ordinator

[Signature]  
Head

[Signature]  
Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527



# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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## Certificate of Participation


This is to certify that Mr. / Ms. A. Anusha

Hall Ticket No. 20541E0002 of M.C.A I<sup>st</sup> year II Sem has

successfully completed Ethical Hacking

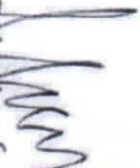
Organized by the Department of M.C.A

From 17<sup>th</sup> July - 2021 to 26<sup>th</sup> July - 2021 (Training Duration : 3Hrs).

  
Coordinator

  
Co-coordinator

  
Head

  
Principal

  
Vaageswari College of Engineering  
KARIMNAGAR





# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

This is to certify that Mr./Ms. Harina Tabassum

Hall Ticket No. 20541E0016 of M.C.A 1st year II Sem has

successfully completed Ethical Hacking

Organized by the Department of M.C.A

From 17<sup>th</sup> July - 2021 to 26<sup>th</sup> July - 2021 (Training Duration : Wks).

  
Coordinator

  
Co-coordinator

  
Head

  
Principal

  
Vaageswari College of  
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: 01-03-2021

To  
The Principal,  
Vaageswari College of Engineering,  
Karimnagar.

Respected sir,

**Sub:** Requisition to conduct Add-on/Certification Program on "**SMART SYSTEMS**" for I Year I Sem students from 02<sup>nd</sup> March 2021 to 12<sup>th</sup> March 2021-reg.

It is our pleasure to inform you that the department of MCA is planning to conduct Add on/ Certification program on "SMART SYSTEMS" for I Year I Sem MCA students from 02<sup>nd</sup> March 2021 to 12<sup>th</sup> March 2021. This course contains complete understanding stand-alone systems or systems that help users to make decisions incorporating available data from different sensing, in a way to control and make smart action. Hands-on experience on software and technologies involved in Smart Systems.

The student can learn as:

- Implement a solid Smart Systems foundation
- Smart Extraction and Analysis
- Smart Distribution System
- Smart Grid based System

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.

Enclosures:

1. Circular
2. Brochure
3. Day wise schedule

Yours faithfully

Coordinator

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)

01/03/2021

## CIRCULAR

All the staff and students are here by informed that the department of MCA is going to organize 10 days Add-on/Certification Program for I Year I Sem students on " **SMART SYSTEMS**" from 02<sup>nd</sup> March 2021 to 12<sup>th</sup> March 2021.

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

**P.SATHISH**

Asst.Prof. Dept.of MCA  
9177566237

  
HOD

  
PRINCIPAL

Principal  
Vaageswari College of Engineering,  
KARIMNAGAR-505 527.



# CERTIFICATE PROGRAM

## SMART SYSTEMS

*Organized By*

## DEPARTMENT OF MCA

**2<sup>nd</sup> March 2021**

**TO**

**12<sup>th</sup> March 2021**

**FROM 1.30 PM TO 4.30 PM**

**Through ONLINE Mode**

**Registration link**

<https://forms.gle/qsxC24oCG8bMTskUA>

**Registrations are accepted on or before 1<sup>st</sup> March 2021**

### Smart Systems:

**S**mart Systems incorporate functions of sensing, actuation and control in order to describe and analyze a situation and make decision based on the available data in a predictive manner.

### PROGRAM OUTCOME:

- Successfully Plan, Design, Simulate, Program, Test and Maintain Smart System
- Robust Solutions to Problems result
- Enhance the employability competencies of students

### For Further Information Contact:

**Coordinator**  
**P.Sathish**  
**Asst. Prof, Dept. of MCA**

**Co-Coordinator**  
**B.Anvesh**  
**Asst., Prof, Dept. of MCA**

**Principal**  
**Jagadgurur 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 MCA

**Type of Program:** Add-on/ Certificate Program

**Title:** SMART SYSTEMS

**Duration:** 10 Days

**Dates:** 02<sup>nd</sup> March 2021 to 12<sup>th</sup> March 2021

## DAY WISE SCHEDULE

| Days   | Topics Covered             | Faculty Name | Time           |
|--------|----------------------------|--------------|----------------|
| Day 1  | Introduction               | P.SATHISH    | 1:30 to 4:30pm |
| Day 2  | Sensors                    | P.SATHISH    | 1:30 to 5:00pm |
| Day 3  | Smart Distribution System  | P.SATHISH    | 1:30 to 4:30pm |
| Day 4  | Smart signal System        | P.SATHISH    | 2:00 to 5:30pm |
| Day 5  | Smart homes and building   | P.SATHISH    | 1:30 to 4:30pm |
| Day 6  | Smart structure            | B.ANVESH     | 2:00 to 5:00pm |
| Day 7  | Analyzing smart system     | B.ANVESH     | 1:30 to 4:30pm |
| Day 8  | Smart Grid based System    | B.ANVESH     | 1:30 to 4:30pm |
| Day 9  | Smart navigation System    | B.ANVESH     | 2:30 to 5:30pm |
| Day 10 | Conclusion of Smart System | B.ANVESH     | 1:30 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)

Add-On/Certification Program on "SMART SYSTEMS"

## FEEDBACK FORM

Name G. Vinay Kumar Branch/Year MCA Ist Please complete the evaluation For Add on course on "SMART SYSTEMS". 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 enjoyed Robust solutions to problems result -

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

heavensd the problems result of the robust solutions

Suggestions: add depth & course content

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

  
Principal  
Vaageswari College of Engineering  
Karimnagar-505 007



# 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 Program on "SMART SYSTEMS"

## FEEDBACK FORM

Name N. ANISH Branch/Year MCA 1st Please complete the evaluation For Add on course on "SMART SYSTEMS". 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 enjoyed successfully plan, Design, simulate, program, test & maintain smart system.

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

heavened the Design & plan of the smart system

Suggestions: continue availability of the course.

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

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 007





# 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 Program on "SMART SYSTEMS"

## FEEDBACK FORM

Name B. Gangadhar Branch/Year mca 1st Please complete the evaluation For Add on course on "SMART SYSTEMS". 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 enjoyed enhance the employability  
competitions of students.

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

learned to use the employability competitions  
of students.

Suggestions: discussion sessions are required.

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

  
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)

Add-On/Certification Program on "SMART SYSTEMS"

## FEEDBACK FORM

Name S. Shrinisha Branch/Year MCA 1<sup>st</sup> Please complete the evaluation For Add on course on "SMART SYSTEMS". 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?

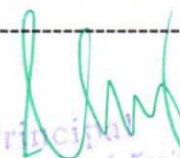
I enjoyed enhance the employability competencies of students.

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

learned the smart system functions of sensing & actuation

Suggestions: It was a beautifully presented workshop.

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

  
Principal  
Vaageswari College of Engineering  
Karimnagar



# 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 Program on "SMART SYSTEMS"

## FEEDBACK FORM

Name K. Vaishnavi Branch/Year MCA II Please complete the evaluation For Add on course on "SMART SYSTEMS". 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 enjoyed plan & design.

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

learned use of Plan & Design

Suggestions: provide problem solving with case studies.

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

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 427





# 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 MCA

Type of Program: Add-on / Certificate Program

Class/Semester: IYear-ISem

Title: SMART SYSTEMS

Duration: 10 days

Dates: 02<sup>nd</sup> March 2021 to 12<sup>th</sup> March 2021

### ATTENDANCE SHEET

| SNO | Hall Ticket Number | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 | DAY 8 | DAY 9 | DAY 10 |
|-----|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1   | 20S41F0001         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 2   | 20S41F0002         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 3   | 20S41F0003         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 4   | 20S41F0004         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 5   | 20S41F0005         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 6   | 20S41F0007         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 7   | 20S41F0010         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 8   | 20S41F0012         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 9   | 20S41F0013         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 10  | 20S41F0015         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 11  | 20S41F0018         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 12  | 20S41F0021         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 13  | 20S41F0022         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 14  | 20S41F0023         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 15  | 20S41F0025         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 16  | 20S41F0028         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 17  | 20S41F0032         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 18  | 20S41F0033         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 19  | 20S41F0035         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 20  | 20S41F0036         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 21  | 20S41F0037         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 22  | 20S41F0038         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 23  | 20S41F0039         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 24  | 20S41F0040         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 25  | 20S41F0045         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 26  | 20S41F0046         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 27  | 20S41F0047         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 28  | 20S41F0048         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 29  | 20S41F0049         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 30  | 20S41F0050         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |

HOD

PRINCIPAL

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 007



# 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:** 13/03/2021

**Academic Year:** 2020-2021

**Class and Semester:** MCA I Year I Sem

**Title:** SMART SYSTEMS

**Course duration:** 31 Hours (3 Hrs per Day) during 02-03-2021 to 12-03-2021.

**Number of students Completed Add-on/Certification Program:** 30

### Summary Report of the Program with Outcome:

This course contains Complete understanding SMART SYSTEMS, System Design Process, the multidisciplinary, team-based approach to engineering problem solving. In the course, student SMART SYSTEM uses active, collaborative and platform-based learning pedagogy.


The student can get Knowledge on:

- Implement a solid SMART SYSTEMS foundation.
- Smart Extraction and Analysis.
- Smart Distribution System.
- Smart Grid based System.
- System Design Process
- Platform-based learning
- Team-based approach

**Signature of faculty**

1.  C.P. Sathish

2.  B. Anuradha

  
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: 13/03/2021

## CERTIFICATE

This is to certify that Mr.POLU SATHISH Assistant professor, department of MCA has designed and developed the curriculum for Add-on/Certificate Program on "**SMART SYSTEMS**" 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: 13/03/2021

## CERTIFICATE

This is to certify that **Mr.B.ANVESH KUMAR** Assistant professor, department of MCA has designed and developed the curriculum for Add-on/Certificate Program on "**SMART SYSTEMS**" during the academic year 2020-21.

  
HOD

  
PRINCIPAL

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527



# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

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

Hall Ticket No. 20241E0023 of M. C. A Ist year I sem has

successfully completed Smart Systems

Organized by the Department of M. C. A

From 02<sup>nd</sup> March - 2022 to 12<sup>th</sup> March - 2022 (Training Duration : 10 Hrs).

Coordinator

Co-coordinator

Head

Principal

Vaageswari College of Engineering  
KARIMNAGAR



# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

This is to certify that Mr. / Ms. B. Ganapachar

Hall Ticket No. 20S41F0010 of M.C.A 1st year I sem has

successfully completed Smart Systems

Organized by the Department of M.C.A

From 02 March 2021 to 12th March - 2021 (Training Duration : 10 Hrs).

  
Coordinator

  
Co-coordinator

  
Head

  
Principal

  
Vaageswari College of Engineering  
Karimnagar-505 527





# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

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

Hall Ticket No. 20541F0047 of M.C.A Ist year I sem has

successfully completed Smart Systems

Organized by the Department of M.C.A

From 02 March-2021 to 12th March-2021 (Training Duration : 3hrs).

  
Coordinator

  
Co-coordinator

  
Principal

  
Principal



# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

This is to certify that Mr. / Ms. Dr. Vinay Kumar

Hall Ticket No. 20541F0018 of M.C.A 1st year I Sem has  
successfully completed Smart Systems

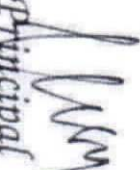
Organized by the Department of M.C.A

From 02<sup>th</sup> March - 2021 to 12<sup>th</sup> March - 2021 (Training Duration : 9hrs.)

  
Coordinator

  
Co-coordinator

  
Head

  
Principal

  
Vaageswari Engineering College  
Karimnagar-505 527





# VAAGESWARI COLLEGE OF ENGINEERING

Beside LMD Police Station, Ramakrishna Colony, Karimnagar-505 527 (T.S.)

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

## Certificate of Participation

This is to certify that Mr. / Ms. N. Anish

Hall Ticket No. 20541F0035 of M.C.A Ist year I sem has

successfully completed Smart Systems

Organized by the Department of M.C.A

From 02 March 2021 to 12<sup>th</sup> March - 2021 (Training Duration : 9hrs).

  
Coordinator

  
Co-coordinator

  
Head

  
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: 13-02-2020

To  
The Principal,  
Vaageswari College of Engineering,  
Karimnagar.

Respected sir,

**Sub:** Requisition to conduct Add-On/Certification program on “Networking & Fundamentals” for I Year I Sem students from 17<sup>th</sup> February 2020 to 27<sup>th</sup> February 2020-reg.

It is our pleasure to inform you that the Department of MCA is planning to conduct Add-On/Certification Program on “Networking & Fundamentals” for I Year II Sem MCA students from 17<sup>th</sup> February 2020 to 27<sup>th</sup> February 2020. This program contains networking standards, concepts, topology, media, terminology including LANs, WANs, the OSI model, Network hardware and various protocols. Hands-on experience on software and technologies involved in Networking & Fundamentals development.

The students can get Knowledge on:

- Networking mathematics, terminology, and models
- The fundamental principles and concepts of the seven-layer OSI model
- Analyze and troubleshoot multiple-layer problems of the seven-layer OSI model
- Construct and test cabling for LANs and WANs

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

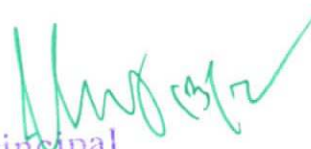
Thanking you sir.

Enclosures:

1. Circular
2. Brochure
3. Day wise schedule

Yours faithfully

  
Coordinator

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR



# **CERTIFICATE PROGRAM**

## **On**

### **Networking and Fundamentals**

**Organized By**

**DEPARTMENT OF MCA**

**17<sup>th</sup> February 2020**

**TO**

**27<sup>th</sup> February 2020**

**FROM 1:30 PM TO 4:30 PM**

**Through OFFLINE Mode**

Registrations are acceptable on or before 17<sup>th</sup> February 2020

### **Networking and fundamentals:**

**N**etworking fundamentals teaches the building blocks of modern network design. Learn different types of networks, concepts, architecture and design. Networking fundamentals teaches computer science students the building blocks of modern network design.

### **PROGRAMME OUTCOME:**

- Demonstrate use of networking mathematics,terminology,and models
- Explain the fundamental principles and concepts of the seven-layer OSI model
- Analyze and troubleshoot multiple-layer problems of the seven-layer OSI model
- Construct and test cabling for LANs and WANs

### **For Further Information Contact:**

**Coordinator**  
**Dr.V.Bapuji**  
**Associate.Prof,Dept.of MCA**

**Co-Coordinator**  
**P.Sathish**  
**Asst.Prof, Dept.of MCA**  
**9177566237**

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

  
**Principal**

**Wageswar 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: 14/02/2020

## CIRCULAR

All the staff and students are hereby informed that the department of MCA is going to organize 10 Days Add-on/Certification Program for I Year I Sem students on “**Networking & Fundamentals**” from 17<sup>th</sup> February 2020 to 27<sup>th</sup> February 2020.

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

**Dr.V.Bapuji**

Associate Professor.Dept. Of MCA

9848493616

  
HOD

  
PRINCIPAL  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR





# 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 MCA

**Type of Program:** Add-on/Certificate Program

**Title:** Networking & Fundamentals


**Duration:** 10 Days

**Dates:** 17<sup>th</sup> February 2020 to 27<sup>th</sup> February 2020

## DAY WISE SCHEDULE

| Days   | Topics Covered  | Faculty Name  | Time            |
|--------|---|---------------|-----------------|
| Day 1  | Fundamentals of data communications and networking                      | Dr. V. Bapuji | 1:30 to 4:30 PM |
| Day 2  | Types of communication, encodings & modulations bandwidth and capacity  | Dr. V. Bapuji | 1:30 to 4:30 PM |
| Day 3  | Guided media(cable ,twisted pair & fibre optics standards & categories) | Dr. V. Bapuji | 2:00 to 5:00 PM |
| Day 4  | Wan technologies  | Dr. V. Bapuji | 2:00 to 5:00 PM |
| Day 5  | Routing Algorithms  | Dr. V. Bapuji | 1:30 to 4:30 PM |
| Day 6  | Transport layer   | P. Sathish    | 1:30 to 5:00 PM |
| Day 7  | Application layer   | P. Sathish    | 1:30 to 4:30 PM |
| Day 8  | Application Protocols, HTTP status codes                                | P. Sathish    | 1:30 to 5:00 PM |
| Day 9  | Network security, DIMM, IP Address and Tables                           | P. Sathish    | 1:30 to 4:30 PM |
| Day 10 | Routers vs Bridges  | P. Sathish    | 2:00 to 5:00 PM |

  
HOD

  
PRINCIPAL  
Vaageswari College of Engineering  
KARIMNAGAR



# 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 MCA

**Type of Program:** Add-On/Certificate program

**Class/Semester:** MCA IYear-II Sem

**Title:** Networking & Fundamentals

**Class/Semester:** M.TECH IYear-II Sem

**Duration:** 10 days

**Dates:** 17<sup>th</sup> February 2020 to 27<sup>th</sup> February 2020

## ATTENDANCE SHEET

| SNO | Hall Ticket Number | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 | DAY 8 | DAY 9 | DAY 10 |
|-----|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1   | 19S41F0001         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 2   | 19S41F0002         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 3   | 19S41F0003         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 4   | 19S41F0004         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 5   | 19S41F0005         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 6   | 19S41F0008         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 7   | 19S41F0009         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 8   | 19S41F0011         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 9   | 19S41F0012         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 10  | 19S41F0013         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 11  | 19S41F0014         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 12  | 19S41F0015         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 13  | 19S41F0016         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 14  | 19S41F0017         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 15  | 19S41F0018         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |

*[Signature]*

*[Signature]*  
Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527.

|    |             |   |   |   |   |   |   |   |   |   |   |
|----|-------------|---|---|---|---|---|---|---|---|---|---|
| 16 | 19S41D5801  | P | P | P | P | P | P | P | P | P | P |
| 17 | 19S41D5802  | P | P | P | P | P | P | P | P | P | P |
| 18 | 19S41D5803  | P | P | P | P | P | P | P | P | P | P |
| 19 | 19S41D5804  | P | P | P | P | P | P | P | P | P | P |
| 20 | 19S41D5805  | P | P | P | P | P | P | P | P | P | P |
| 21 | 19S41D5806  | P | P | P | P | P | P | P | P | P | P |
| 22 | 19S41D5807  | P | P | P | P | P | P | P | P | P | P |
| 23 | 19S41D5808  | P | P | P | P | P | P | P | P | P | P |
| 24 | 19S41D5809  | P | P | P | P | P | P | P | P | P | P |
| 25 | 19S41D58010 | P | P | P | P | P | P | P | P | P | P |
| 26 | 19S41D5811  | P | P | P | P | P | P | P | P | P | P |
| 27 | 19S41D5812  | P | P | P | P | P | P | P | P | P | P |
| 28 | 19S41D5813  | P | P | P | P | P | P | P | P | P | P |
| 29 | 19S41D5814  | P | P | P | P | P | P | P | P | P | P |
| 30 | 19S41D5815  | P | P | P | P | P | P | P | P | P | P |
| 31 | 19S41D5816  | P | P | P | P | P | P | P | P | P | P |
| 32 | 19S41D5817  | P | P | P | P | P | P | P | P | P | P |
| 33 | 19S41D5818  | P | P | P | P | P | P | P | P | P | P |
| 34 | 19S41D5819  | P | P | P | P | P | P | P | P | P | P |
| 35 | 19S41D5820  | P | P | P | P | P | P | P | P | P | P |
| 36 | 19S41D5821  | P | P | P | P | P | P | P | P | P | P |
| 37 | 19S41D5822  | P | P | P | P | P | P | P | P | P | P |
| 38 | 19S41D5823  | P | P | P | P | P | P | P | P | P | P |
| 39 | 19S41D5824  | P | P | P | P | P | P | P | P | P | P |
| 40 | 19S41D5825  | P | P | P | P | P | P | P | P | P | P |
| 41 | 19S41D5826  | P | P | P | P | P | P | P | P | P | P |

  
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PRINCIPAL  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 627.





# 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:** 02/03/2020

**Academic Year:** 2019-2020

**Class and Semester:** MCA I Year I Sem

**Title of Add-on/Certification Program:** Networking & Fundamentals

**Duration:** (3 Hrs per Day) during 17-02-2020 to 27-02-2020.


**Number of students completed the Add-on/Certification Program:** 41

### Summary Report of the Program with Outcome:



The OSI model is a layered mechanism that describes how information from an application on a network device moves from the source to the destination using a physical medium, and then interacts with the software application on that specific network device. Networking standards, concepts, topology, media, terminology including LANs, WANs, the OSI model, network hardware and various protocols.

The student can get Knowledge on:

- Networking mathematics, terminology, and models
- The fundamental principles and concepts of the seven-layer OSI model
- Analyze and troubleshoot multiple-layer problems of the seven-layer OSI model, construct and test cabling for LANs and WANs.
- Perform mathematical tasks to solve IP addressing and subnetting scenarios.

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

**Signature of faculty**

1.  (Dr. V. Bapuji)  
2. P. Sathish 



# VAAGESWARI COLLEGE OF ENGINEERING

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

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

Date: 02/03/2020

## CERTIFICATE

This is to certify that Dr.V.Bapuji Associate Professor department of MCA has designed and developed the curriculum for Add-on/Certificate program on “**Networking and Fundamentals**” during the academic year 2019-20.

  
HOD

  
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**Principal**  
Vaageswari College of Engineering  
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: 02/03/2020

## CERTIFICATE

This is to certify that **Mr.P.SATHISH** Associate Professor department of MCA has designed and developed the curriculum for Add-on/Certificate program on “**Networking and Fundamentals**” during the academic year 2019-20.

  
HOD

  
PRINCIPAL  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR





# 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 Program on "Networking and Fundamentals"

## FEEDBACK FORM

Name A. Anika Branch/Year MCA Please complete the evaluation For Add on course on "Networking and Fundamentals". Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very Good<br>(3) | Good<br>(2) | Average<br>(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 enjoyed demonstrate use of networking mathematics  
terminology and models.

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

learned the networking and fundamentals.

Suggestions: To increase the sessions

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

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



# VAAGESWARI COLLEGE OF ENGINEERING

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

Add-On/Certification Program on “Networking and Fundamentals”

## FEEDBACK FORM

Name B. RAYALI Branch/Year MCA Please complete the evaluation For Add on course on “Networking and Fundamentals”. Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very Good<br>(3) | Good<br>(2) | Average<br>(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 enjoyed fundamental principles

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

learned the use of fundamental principles

Suggestions: This is such informative course

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

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527.



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Add-On/Certification Program on "Networking and Fundamentals"

## FEEDBACK FORM

Name J. Meharkeerthana Branch/Year MCA Please complete the evaluation For Add on course on "Networking and Fundamentals". Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very Good<br>(3) | Good<br>(2) | Average<br>(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 enjoyed multiple-layer problems

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

learned out are the problems are multiple-layer problems

Suggestions: increase more sessions

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

  
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)

Add-On/Certification Program on "Networking and Fundamentals"

## FEEDBACK FORM

Name M. Vidhya Rani Branch/Year MCA Please complete the evaluation For Add on course on "Networking and Fundamentals". Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very Good<br>(3) | Good<br>(2) | Average<br>(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 enjoyed construct and test cabling for  
LANs and WANs

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

I learned use of construct and test cabling  
for LANs and WANs

Suggestions: Provide course of material to the  
students

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

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)

Add-On/Certification Program on "Networking and Fundamentals"

## FEEDBACK FORM

Name R. Saijyathchana Branch/Year MCA Please complete the evaluation For Add on course on "Networking and Fundamentals". Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very Good<br>(3) | Good<br>(2) | Average<br>(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 Enjoyed seven layer OSI Model

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

learned use of seven layer OSI Model

Suggestions: improve more learning resources.

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

  
Principal

Vaageswari College of Engi  
KARIMNAGAR-505 52



# 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. Sai Gyathashana

Hall Ticket No. 19S41E0018 of M.C. 1st year I Sem has

successfully completed Networking & Fundamentals

Organized by the Department of M.C. &

from 17-Jul-2020 to 27-Jul-2020 Mrs.

  
Coordinator

  
Co-coordinator

  
Head

  
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. M. Vidyarani

Hall Ticket No. 19SA1E0016 of M.C.A 1st year II sem has

successfully completed Networking & Fundamentals

Organized by the Department of M.C.A

From 17-July-2020 to 27-July-2020 Mrs.

  
Coordinator

  
Co-coordinator

  
Head

  
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

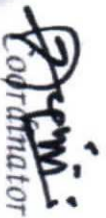
This is to certify that Mr. / Ms. B. Kovali

Hall Ticket No. 19S41E0004 of M. C. A 1st year II Sem has

successfully completed Networking & Fundamentals

Organized by the Department of M. C. A

From 13 - Feb - 2020 to 27 - Feb - 2020 Mts.

  
Coordinator

  
Co-coordinator

  
Head

  
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. St. Anitha

Hall Ticket No. 19S41E0002 of M.C.A 1<sup>st</sup> year II Sem has

successfully completed Networking & Fundamentals


Organized by the Department of M.C.A

From 17-July-2020 to 27-July-2020 Mts.

  
Coordinator

  
Co-coordinator

  
Head

  
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. J. Melakurthana

Hall Ticket No. 19S41E0008 of M.C.A 1st year II Sem has

successfully completed Networking & Fundamentals


Organized by the Department of M.C.A

From 13 - Feb - 2020 to 27 - Feb - 2020 hrs.

  
Board member

  
Co-coordinator

  
Head

  
Principal

  
Principal  
Vaageswari College of Engineering



# VAAGESWARI COLLEGE OF ENGINEERING

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

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

Date: 12-11-2019

To  
The Principal,  
Vaageswari college of Engineering,  
Karimnagar.

Respected sir,

**Sub:** Requisition to conduct Add on/Certification program on **"Green Computing"** for I year I Sem students from 15<sup>th</sup> November 2019 to 26<sup>th</sup> November 2019-reg.

It is our pleasure to inform you that the department of MCA is planning to conduct Add-on/certification program on **"GREEN COMPUTING"** for I Year I Sem MCA students from 15<sup>th</sup> November 2019 to 26<sup>th</sup> November 2019. This course contains responsible and eco-friendly use of computers and their resources. To study and learn the designing of engineering, manufacturing, usage and disposing of computing devices in such that way, it reduces the environmental impact.

The student can learned as:

- Green computing can save energy
- Green computing can save money in the long run
- More sophisticated recycling processes
- Waste reduction
- Reduction of the resource depletion problem

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.

Enclosures:

1. Circular
2. Brochure
3. Day Wise Schedule

Yours faithfully,

  
Coordinator

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



# **CERTIFICATE PROGRAM** **On** **Green Computing**

*Organized By*

## **DEPARTMENT OF MCA**

15<sup>th</sup> November 2019

*TO*

26<sup>th</sup> November 2019

**FROM 1:30 PM TO 4:30 PM**

**Through OFFLINE Mode**

**Registrations are accepted on or before 15<sup>th</sup> November 2019**

### **Green Computing:**

**G**reen computing is the environmentally responsible and eco-friendly use of computers and their resources. In broader terms, it is also defined as the study of designing, engineering, manufacturing, using and disposing of computing devices in a way that reduces their environmental impact.

### **PROGRAM OUTCOME:**

- Green computing can save energy
- Green computing can save money in the long run
- More sophisticated recycling processes
- Waste reduction
- Reduction of the resource depletion problem

### **For Further Information Contact**

*Coordinator*  
**D.Srinivas Reddy**  
*Asst.Prof Dept.of MCA*

*Co-Coordinator*  
**Dr.V.Bapuji**  
*Associate Prof, Dept. of MCA*  
**9177566237**

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

*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: 13/11/2019

## CIRCULAR

All the staff and students are hereby informed that the department of MCA is going to organize 10 Days Add-On/Certification Program for I year I Sem students on "GREEN COMPUTING" from 15<sup>th</sup> November 2019 to 26<sup>th</sup> November 2019.

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

**Dr.V.Bapuji**

Associate Professor Dept.of MCA  
9848493616

  
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Principal  
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KARIMNAGAR



# 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 MCA

**Type of Program:** Add-on/Certificate Program

**Title:** GREEN COMPUTING

**Duration:** 10 Days

**Dates:** 15<sup>th</sup> November 2019 to 26<sup>th</sup> November 2019

## DAY WISE SCHEDULE

| Days   | Topics Covered             | Faculty Name     | Time         |
|--------|----------------------------|------------------|--------------|
| Day 1  | Information Technology     | D.Srinivas Reddy | 1:30 to 4:30 |
| Day 2  | Sustainable Development    | D.Srinivas Reddy | 1:30 to 5:00 |
| Day 3  | Electric Power Utilization | D.Srinivas Reddy | 1:30 to 4:30 |
| Day 4  | Energy Efficiency          | D.Srinivas Reddy | 1:30 to 5:00 |
| Day 5  | Internet of Things         | D.Srinivas Reddy | 1:30 to 4:30 |
| Day 6  | Cloud Computing            | Dr. V.Bapuji     | 1:30 to 4:30 |
| Day 7  | Virtualisation             | Dr. V.Bapuji     | 1:30 to 4:30 |
| Day 8  | Green manufacturing        | Dr. V.Bapuji     | 2:00 to 5:30 |
| Day 9  | Going Digital              | Dr. V.Bapuji     | 1:30 to 4:30 |
| Day 10 | Productivity Ideas         | Dr. V.Bapuji     | 1:30 to 5:00 |

  
HOD

  
PRINCIPAL

Principal

Vaageswari College of Engineering  
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## DEPARTMENT OF MCA

**Type of Program:** Add-on/Certificate Program

**Class/Semester:** IYear-ISem

**Title:** GREEN COMPUTING

**Class/Semester:** MTECH IYear-ISem

**Duration:** 10 days

**Dates:** 15<sup>th</sup> November 2019 to 26<sup>th</sup> November 2019

## ATTENDANCE SHEET

| SNO | Hall Ticket Number | DAY 1 | DAY 2 | DAY 3 | DAY 4 | DAY 5 | DAY 6 | DAY 7 | DAY 8 | DAY 9 | DAY 10 |
|-----|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 1   | 19S41F0001         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 2   | 19S41F0002         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 3   | 19S41F0003         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 4   | 19S41F0004         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 5   | 19S41F0005         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 6   | 19S41F0008         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 7   | 19S41F0009         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 8   | 19S41F0010         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 9   | 19S41F0011         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 10  | 19S41F0012         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 11  | 19S41F0013         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 12  | 19S41F0014         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 13  | 19S41F0015         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 14  | 19S41F0016         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 15  | 19S41F0017         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 16  | 19S41F0018         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 17  | 19S41F0019         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |
| 18  | 19S41F0020         | P     | P     | P     | P     | P     | P     | P     | P     | P     | P      |

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Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 521



|    |             |   |   |   |   |   |   |   |   |   |   |
|----|-------------|---|---|---|---|---|---|---|---|---|---|
| 19 | 19S41D5801  | P | P | P | P | P | P | P | P | P | P |
| 20 | 19S41D5802  | P | P | P | P | P | P | P | P | P | P |
| 21 | 19S41D5803  | P | P | P | P | P | P | P | P | P | P |
| 22 | 19S41D5804  | P | P | P | P | P | P | P | P | P | P |
| 23 | 19S41D5805  | P | P | P | P | P | P | P | P | P | P |
| 24 | 19S41D5806  | P | P | P | P | P | P | P | P | P | P |
| 25 | 19S41D5807  | P | P | P | P | P | P | P | P | P | P |
| 26 | 19S41D5808  | P | P | P | P | P | P | P | P | P | P |
| 27 | 19S41D5809  | P | P | P | P | P | P | P | P | P | P |
| 28 | 19S41D58010 | P | P | P | P | P | P | P | P | P | P |
| 29 | 19S41D5811  | P | P | P | P | P | P | P | P | P | P |
| 30 | 19S41D5812  | P | P | P | P | P | P | P | P | P | P |
| 31 | 19S41D5813  | P | P | P | P | P | P | P | P | P | P |
| 32 | 19S41D5814  | P | P | P | P | P | P | P | P | P | P |
| 33 | 19S41D5815  | P | P | P | P | P | P | P | P | P | P |
| 34 | 19S41D5816  | P | P | P | P | P | P | P | P | P | P |
| 35 | 19S41D5817  | P | P | P | P | P | P | P | P | P | P |
| 36 | 19S41D5818  | P | P | P | P | P | P | P | P | P | P |
| 37 | 19S41D5819  | P | P | P | P | P | P | P | P | P | P |
| 38 | 19S41D5820  | P | P | P | P | P | P | P | P | P | P |
| 39 | 19S41D5821  | P | P | P | P | P | P | P | P | P | P |
| 40 | 19S41D5822  | P | P | P | P | P | P | P | P | P | P |
| 41 | 19S41D5823  | P | P | P | P | P | P | P | P | P | P |
| 42 | 19S41D5824  | P | P | P | P | P | P | P | P | P | P |
| 43 | 19S41D5825  | P | P | P | P | P | P | P | P | P | P |
| 44 | 19S41D5826  | P | P | P | P | P | P | P | P | P | P |

  
HOD

  
PRINCIPAL  
Principal  
Jyoti 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)

## REPORT

**Date:** 28/11/2019

**Academic Year:** 2019-2020

**Class and Semester:** MCA I year I sem

**Title of Add on/Certification Program:** GREEN COMPUTING

**Duration:** 30 Hours (3hrs per day) during 15-11-2019 to 26-11-2019.

**Number of Students completed the Add-on/Certification Program:** 44

### Summary Report of the Program with Outcome:

Students will be able to become aware of the problems like Toxins, Power Consumption, Equipment Disposal, Company's carbon footprint, cost savings and the Global Initiatives taken by the United Nations.

Monitor power usage, avoid data deduplication, perform virtualization, avoid bigger drives, calculate cooling needs, reduce cooling cost, data centre design with decentralized control.

Perform process reengineering with Green in mind, analyzing the global impact of local actions.

The student can get knowledge on:

- Students become familiar with concepts like green supply chain.
- How to improve technology infrastructure, reduce PCs and servers, use shared services, reduce hardware costs.
- How to perform organizational check-ups, and gather data to keep organization green.

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

**Signature of faculty**

1. C.D. Srinivas Reddy
2. (Dr. V. Bapuji)



# VAAGESWARI COLLEGE OF ENGINEERING

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

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

Date: 28/11/2019

## CERTIFICATE

This is to certify that **D.Srinivas Reddy** Assistant Professor department of MCA has designed and developed the curriculum for Add-on certificate course "**GREEN COMPUTING**" during the academic year 2019-20.

  
HOD

  
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Principal  
Vaageswari College of Engineering  
KARIMNAGAR





# VAAGESHWARI COLLEGE OF ENGINEERING

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

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

Date: 28/11/2019

## CERTIFICATE

This is to certify that **Dr.V.Bapuji** Assistant Professor department of MCA has designed and developed the curriculum for Add-on certificate course "**GREEN COMPUTING**" during the academic year 2019-20.

  
HOD

  
PRINCIPAL  
Principal  
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KARIMNAGAR



# VAAGESWARI COLLEGE OF ENGINEERING

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

Add-on/Certification Program on “GREEN COMPUTING”

## FEEDBACK FORM

Name C. Navya Branch/Year Ist /Isem Please complete the evaluation For Add on course on “GREEN COMPUTING”. Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very good<br>(3) | Good<br>(2) | Average<br>(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 enjoyed a lot in green computing.

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

I learned and usage of the green computing

Suggestions: Thank you for sharing detailed honest information!

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



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Add-on/Certification Program on “GREEN COMPUTING”

## FEEDBACK FORM

Name A. Sandhya Branch/Year 1st / Isem Please complete the evaluation For Add on course on “GREEN COMPUTING”. Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very good<br>(3) | Good<br>(2) | Average<br>(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 enjoyed waste reduction.

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

I learned how to reduce the waste.

Suggestions: Discussion sessions are required.

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

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Add-on/Certification Program on "GREEN COMPUTING"

## FEEDBACK FORM

Name B. Akhila Branch/Year IT/1 Please complete the evaluation For Add on course on "GREEN COMPUTING". Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very good<br>(3) | Good<br>(2) | Average<br>(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?

Green computing can save the money long run.

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

It will be used for future

Suggestions: Best class ever.

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

  
Principal

Vaageswari College of Engineering  
KARIMNAGAR 505 527



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Add-on/Certification Program on "GREEN COMPUTING"

## FEEDBACK FORM

Name I Akesh Branch/Year mea/3rd Please complete the evaluation For Add on course on "GREEN COMPUTING". Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very good<br>(3) | Good<br>(2) | Average<br>(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?

It will be more sophisticated processes.

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

It will be used very well in future.

Suggestions: Thanks for training we just enjoyed lot.

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

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Add-on/Certification Program on “GREEN COMPUTING”

## FEEDBACK FORM

Name K. SARIKA Branch/Year-----Please complete the evaluation For Add on course on “GREEN COMPUTING”. Your feedback is valuable for us and is appreciated.

| Criteria                                   | Excellent<br>(4) | Very good<br>(3) | Good<br>(2) | Average<br>(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?


Reduction of the resource depletion problem.

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

It will helps in future.

Suggestions: Excellent course design and helped me.

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

  
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Vaageswari College of Engineering  
KARIMNAGAR-505 527.





# 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. E. Parvika

Hall Ticket No. 1954AF0008 of M.C.A 1st year 1st Sem has

successfully completed Green Computing

Organized by the Department of M.C.A

From 15 - Nov-2019 to 26 - Nov-2019 Hrs. 10

A. Srinivas  
Coordinator

A. Srinivas  
Co-ordinator

A. Srinivas  
Head

M. M. V.  
Principal



# 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. J. Aksho

Hall Ticket No. 19S4AE0009 of M.C.A 1st year Sem has  
successfully completed Green Computing

Organized by the Department of M.C.A

From 15-Nov-2019 to 26-Nov-2019 Mts.

Abhinav  
Coordinator

Deepa  
Co-ordinator

Deepa  
Head

Manu  
Principal

Vaageswari Engineering College  
Karimnagar-505 527.





# VAAGESWARI COLLEGE OF ENGINEERING

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## Certificate of Participation

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

Hall Ticket No. 19S41E0003 of M. S. A 1<sup>st</sup> year Isem has

successfully completed Green Computing

Organized by the Department of M.S.A

From 15-Nov-2019 to 26-Nov-2019 Mrs.

[Signature]  
Coordinator

[Signature]  
Co-coordinator

[Signature]  
Head

[Signature]  
Principal





# 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. St. Sandhya

Hall Ticket No. 19SA1EE0001 of M. A. St 1<sup>st</sup> year I Sem has

successfully completed Green Computing

Organized by the Department of M.C. St

From 15 - Nov - 2019 to 26 - Nov - 2019 Hrs.

Abhinav  
Coordinator

Aravind  
Co-coordinator

Aravind  
Head

Aravind  
Principal



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## Certificate of Participation

This is to certify that Mr. / Ms. L. Narsya

Hall Ticket No. 19S41F0005 of M.Sc. 1st year I sem has  
successfully completed Green Computing

Organized by the Department of M.Sc. IT

From 15-Nov-2019 to 26-Nov-2019 Mts.

[Signature]  
Coordinator

[Signature]  
Co-ordinator

[Signature]  
Head

[Signature]  
Principal