



# VAAGESHWARI COLLEGE OF ENGINEERING

(Sponsored by SREE VAAGESHWARI EDUCATIONAL SOCIETY)

ESTD : 2005

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

Department of Master of Computer Applications

Five-Day Faculty Development Program on

**Cyber Security**

(03/01/2023 to 07/01/2023)

## Schedule

Date	10.00 AM to 11.30 PM		11.45 AM to 12.45 PM		02.00 PM to 03.30 PM		03.45 PM to 04.45 PM
03/01/2023	Vulnerabilities in wired, wireless and adhoc networks (Dr. NCM)	BREAK	Vulnerabilities in wired, wireless and adhoc networks (Dr. GS)	LUNCH	Vulnerability Assessment and Penetration Testing (Dr. NCM)	BREAK	Vulnerability Assessment and Penetration Testing (Dr. GS)
04/01/2023	Network Security Management (Dr. GS)		Risk Analysis and Threat Modeling (Dr. NCM)		Cloud Security Engineering (Dr. GS)		Financial Cryptography (Dr. NCM)
05/01/2023	Wireless Network Security-implementation aspects Web Application Security (Dr. NCM)		Sensors To Cloud: Safe Journey of Data, The Present need for Emerging IoT (Dr. GS)		Multiserver Authentication: A Real Necessity for Remote Access (Dr. NCM)		IoT & Cloud Integration (Dr. GS)
06/01/2023	Design cluster IoT System using MQTT Protocol : A Practical Approach (Dr. GS)		Defence in depth - a practical approach for Data center Security (Dr. NCM)		AI & IoT System Design towards Automation (Dr. GS)		Advanced crypto-systems for enforcing data security in cloud (Dr. NCM)
07/01/2023	Mini project Description (Dr. GS)		Mini project Implementation (Dr. NCM)		Mini project Implementation (Dr. GS)		Valedictory

Dr. NCM – Dr. N. Chandramouli Dr. GS – Dr. Gulab Singh

Coordinator

H.O.D.

Principal  
Vaageshwari College of Engineering  
KARIMNAGAR

**WORKSHOPCONTENT:**

- Vulnerabilities in wired, wireless and adhoc networks
- Network Security Measures-like firewalls Etc
- Vulnerability Assessment and Penetration Testing
- Network Security Management
- Risk Analysis and Threat Modeling
- Cloud Security Engineering
- Financial Cryptography
- Wireless Network Security-implementation aspects
- Web Application Security
- Sensors To Cloud: Safe Journey of Data, The Present need for Emerging IoT
- Multiserver Authentication: A Real Necessity for Remote Access IoT & Cloud Integration
- Security Audit: Risk evaluation and security certification

**ADVISORY COMMITTEE**

**Chief Patron**

Dr.G. Sreenivas Reddy  
General Secretary and Correspondent

**Patrons**

Sri.D. Srinivas Reddy  
Joint Secretary  
Dr. Ch. Srinivas  
Principal

**COORDINATOR**

Dr. V. Bapuji  
Professor

**ORGANIZING COMMITTEE**

Mr. G. Sharan  
Mr. B. Anvesh Kumar  
Mr. P. Sathish

**CONVENOR**

Dr. V. Bapuji  
Associate Professor & Head of Dept. of MCA  
Department of Master of Computer Applications  
Email: s4mcahod@gmail.com  
Phone: +91-9848493616



**FIVE-DAY FACULTY  
DEVELOPMENT PROGRAM  
ON  
Cyber Security**

Organizedby

Department of Master of Computer  
Applications

**VAAGESHWARI COLLEGE OF  
ENGINEERING**

Karimnagar, Telangana- India

**3<sup>rd</sup> to 7<sup>th</sup> January, 2023**

\*\*\*\*\*

**Principal**

Vaageshwari College of Engineering  
KARIMNAGAR

#### ABOUT THE INSTITUTE:

Established in 2003, Vaageswari Educational Society is one of the most prestigious societies providing high quality professional education in Karimnagar district of Telangana. The society is running multiple educational institutions like Vaageswari College of Engineering (2005), Pharmacy (2003), Pharmaceutical Sciences (2007), Management Sciences (2008). The society was established with a great vision to provide quality education on par with global standards to the students from all over India in general and in particular those from local and rural areas. Society is maintaining high standards so as to make them technically competent and ethically strong individuals who shall be able to improve the quality of life and become an asset to the economy of our country. The Society not only celebrates freedom of thought, cultivates vision and encourages growth, but also inculcates human values and concern for the environment and the society. The institution is awarded with Best Chapter of ISTE AP Section.

#### VISION:

"To develop the Sree Vaageswari Educational Society into a center of excellence in imparting professional and technical education, to inculcate knowledge and power to the younger generation by providing high quality professional education on par with global standards and to instill high levels of discipline among student community making them ethically strong citizens capable of contributing to the development of society and mankind".

#### PROGRAMS OFFERED:

The college offers B.Tech programmes in CSE, EEE, ECE, Civil and Mechanical Engineering. The college also offers MCA and M.Tech in Computer Science and Engineering.

#### ABOUT THE DEPARTMENT:

The department of Master of Computer Applications (MCA) was started in 2005 with an intake of 30 and in a short span of time the intake increased to 65.

The department comprises of well experienced and dedicated faculty with vast experience in teaching. The faculty members have been meticulously and judiciously picked up to impart quality education and inculcated all-round development in the Students. The department has well established labs with state of art hardware equipments and advanced software's.

The Department's main objective is not only make the students excel in theory but also in experimental research through academic projects in various fields. The Department regularly organizes several programs such as workshops, guest lectures, seminars etc. to impart state of art knowledge in different technologies to the students as well as faculty members. Department is dedicated to advancing, disseminating and exploiting knowledge in engineering and technology. The department offers a three-year course a Master's degree in Master of Computer Applications (MCA). Department has the most advanced art of advanced equipment in the laboratory. All employees can reach students for any of their problems, whether academic or non-academic. The department aims to technically develop students and make them mentally strong to meet future challenges.

The department also seeks to provide its students with excellent educational and educational opportunities in the field of electronics and communications engineering, thus providing a lasting technical basis in an environment of rapid technical change. In the process, it enables and promotes their professional growth through contact with best professional practices. Consequently, the administration is trying to play the role of resources and technical leadership in development activities at the national level.

#### REGISTRATION FORM:

Please fill this form and send it to us by email to [s4meahod@gmail.com](mailto:s4meahod@gmail.com) before 10th September 2020

Name of the Participant: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

Organization name and Address: \_\_\_\_\_

Mobile Number: \_\_\_\_\_

Email id: \_\_\_\_\_

Signature and Seal of the  
Head /Director of the Institute

**NO REGISTRATION FEE**



**CIRCULAR**

Date: 28-12-2022

It is hereby informed to **Department of Master of Computer Applications** that a five-day Faculty Development Program will be held on “**Cyber Security**” ” from 3<sup>rd</sup> to 7<sup>th</sup> January 2023. All the Teaching and non-teaching members should avail this opportunity to upgrade the technical skills.

Hence, all Teaching and non-teaching members should attend the above FDP program without fail.



**PRINCIPAL**

**Copies to:**

- Circulate among all the staff members
- All the Notice Boards
- All HODs
- Office File

Principal  
Vaageshwari College of Engineering  
**KARIMNAGAR**





ESTD : 2005

**VAAGESWARI COLLEGE OF ENGINEERING**

(Sponsored by SREE VAAGESWARI EDUCATIONAL SOCIETY)

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

**Department of Mater of Computer Applications**

**Five-Day Faculty Development Program on**

**Cyber Security**

**(03/01/2023 to 07/01/2023)**

**List of Participants**

S.No	Name	Signature
1	B. Sharan	Sharan
2	P. Mamatha	Mamatha
3	P. Sathish	Sathish
4	Y. Rajani	Rajani
5	B. Anvesh Kumar	Anvesh
6	G. Bharath	Bharath
7	Mr.K.RAMESH	Ramesh
8	Mr.B.Pranithkumar	Pranith
9	Mr. B.BHARGAVENDRA	Bhargava
10	Mr. T.NAGESHWAR RAO	Nageshwar
11	Mrs. E.JYOTHI	Jyothi
12	Mr. RAM MOHAN BANDA	Ram
13	Mr. B. Ravi Nayak	Ravi
14	Mr. B.THIRUPATHI	Thirupathi

Coordinator

HOD

Principal

**Principal**

**Vaageswari College of Engineering  
KARIMNAGAR**

## Department of Master of Computer Applications

### Five-Day Faculty Development Program on

### Cyber Security

(03/01/2023 to 07/01/2023)

## ATTENDANCE SHEET

S.No	Name	Dept.	03/01/2023	04/01/2023	05/01/2023	06/01/2023	07/01/2023
1	B. Sharan	MCA	Sharan	Sharan	Sharan	Sharan	Sharan
2	P. Mamatha	CSE	AM	AM	AM	AM	AM
3	P. Sathish	MCA	Sathish	Sathish	Sathish	Sathish	Sathish
4	Y. Rajani	CSE	RJ	RJ	RJ	RJ	RJ
5	B. Anvesh Kumar	MCA	Anvesh	Anvesh	Anvesh	Anvesh	Anvesh
6	Dr.K.CHANDRA	EEE	Chandra	Chander	Chander	Chander	Chander
7	Mr.K.RAMESH	EEE	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
8	Mr.B.Pranith kumar	EEE	Pkumar	Pkumar	Pkumar	Pkumar	Pkumar
9	Mr. Ram Gopal.	ECE	Rg	Rg	Rg	Rg	Rg
10	Mr. T.NAGESHWAR	ECE	Nagesh	Nagesh	Nagesh	Nagesh	Nagesh
11	Mrs. E.JYOTHI	ECE	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
12	Mr. RAM MOHAN	ECE	Ram	Ram	Ram	Ram	Ram
13	Mr. B. Ravi Nayak	CSE	BRNayak	BRNayak	BRNayak	BRNayak	BRNayak
14	Mr. B.THIRUPATHI	ECE	Thirupathi	Thirupathi	Thirupathi	Thirupathi	Thirupathi

Coordinator

HOD

Principal

Principal

Vaageshwari College of Engineering  
KARIMNAGAR

**Department of Master of Computer Applications (MCA)**

**Five-Day Faculty Development Program on**

**Cyber Security**

**(03/01/2023 to 07/01/2023)**

**SPEAKER PROFILES**

**Dr Gulab singh** is an associate professor working in the Department of Computer Science and Engineering Vaageswari College of Engineering, Telangana India. He has a passion for learning new things and enjoy natural world. He was head of department in Vaageswari engineering College. Karimnagar. He completed his M.Tech (Computer Science and Engineering) from Osmania University Hyderabad. Then he received Doctorate in Computer Science from Khan University. He has experience of overall 23 years in the field of teaching and research and he is currently working as a PG coordinator in the department of Computer Science and Engineering.

**Dr. N. Chandra mouli** is working in Vaageswari College of Engineering as Associate Professor in the Department of Computer Science & Engineering. He received his Ph.D in Computer Science and Engineering from Sri Satya Sai University of Technology & Medical Sciences, Sehore and M.Tech from JNTUH, Hyderabad. He is have 17 years of teaching and research experience. Currently he is serving as Head of Department, CSE at Vaageswari College of Engineering.

  
**Principal**  
Vaageswari College of Engineering  
KARIMNAGAR





ESTD : 2005

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Recognised by the Govt. of Telangana State

## Department of Master of Computer Applications

### Five-Day Faculty Development Program on

### Cyber Security

(03/01/2023 to 07/01/2023)

### FEEDBACK

Name of the Participant: P. Sathish

Designation: Asst. Prof

Please respond to the following items by using the scale below:

5=Excellent 4=Very Good 3=Good 2=Fair 1=Poor

#### 1.Planning and organization of Lecture .

5 4 3 2 1

#### 2.Sequence of Topics.

5 4 3 2 1

#### 3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.

5 4 3 2 1

#### 4.Quality of Power point presentations.

5 4 3 2 1

#### 5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5 4 3 2 1

Sathish  
Signature

Principal  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.





# VAAGESWARI COLLEGE OF ENGINEERING

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ESTD : 2005

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## Department of Master of Computer Applications

### Five-Day Faculty Development Program on

### Cyber Security

(03/01/2023 to 07/01/2023)

### FEEDBACK

Name of the Participant: B. Anvesh Kumar

Designation: Asst. Prof

Please respond to the following items by using the scale below:

5=Excellent 4=Very Good 3=Good 2=Fair 1=Poor

1.Planning and organization of Lecture .

5 4 3 2 1

2.Sequence of Topics.

5 4 3 2 1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.


5 4 3 2 1

4.Quality of Power point presentations.

5 4 3 2 1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5 4 3 2 1

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

  
Signature



# VAAGESWARI COLLEGE OF ENGINEERING

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## Department of Master of Computer Applications

### Five-Day Faculty Development Program on

### Cyber Security

(03/01/2023 to 07/01/2023)

### FEEDBACK

Name of the Participant: Mrs. E. Jyothi

Designation: Asst. Prof

Please respond to the following items by using the scale below:

5=Excellent 4=Very Good 3=Good 2=Fair 1=Poor

#### 1.Planning and organization of Lecture .

5 4 3 2 1

#### 2.Sequence of Topics.

5 4 3 2 1

#### 3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.

5 4 3 2 1

#### 4.Quality of Power point presentations.

5 4 3 2 1

#### 5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5 4 3 2 1

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527

Jyothi  
Signature



# VAAGESWARI COLLEGE OF ENGINEERING

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

Department of Master of Computer Applications

Five-Day Faculty Development Program on

Cyber Security

(03/01/2023 to 07/01/2023)

## FEEDBACK

Name of the Participant: G. Bharath

Designation: Asst Prof.

Please respond to the following items by using the scale below:

5=Excellent 4=Very Good 3=Good 2=Fair 1=Poor

1.Planning and organization of Lecture .

5 4 3 2 1

2.Sequence of Topics.

5 4 3 2 1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.

5 4 3 2 1

4.Quality of Power point presentations.

5 4 3 2 1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5 4 3 2 1

Bharath  
Signature



# VAAGESWARI COLLEGE OF ENGINEERING

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## Department of Master of Computer Applications

### Five-Day Faculty Development Program on

### Cyber Security

(03/01/2023 to 07/01/2023)

### FEEDBACK

Name of the Participant: Mr. B. Thirupathi

Designation: Asst prof

Please respond to the following items by using the scale below:

5=Excellent 4=Very Good 3=Good 2=Fair 1=Poor

1.Planning and organization of Lecture .

5 4 3 2 1

2.Sequence of Topics.

5 4 3 2 1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.


5 4 3 2 1

4.Quality of Power point presentations.

5 4 3 2 1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5 4 3 2 1

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

Thirupathi  
Signature





**Department of Master of Computer Applications**

**Five-Day Faculty Development Program on**

**Cyber Security**

**(03/01/2023 to 07/01/2023)**

**Report**

A five Day Faculty Development Program on “Cyber Security” was organized by Department of Master of Computer Applications, Vaageswari college of Engineering from 3rd to 7<sup>th</sup> January, 2023 for the faculty of MCA Department. 14 faculty members of the Department actively participated and gained useful information from all the sessions.

Machine learning has become an integral part of many commercial applications and research projects, but this field is not exclusive to large companies with extensive research teams. The program is designed to build machine learning models using python for different scenarios.

**Outcomes of the Faculty Development Program:**

1. The participants understand Vulnerabilities in wired, wireless and adhoc networks
2. The participants also understand Vulnerability Assessment and Penetration Testing
3. The participants understand Cyber security concepts practically through a mini project

  
Coordinator

  
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)


Why do I need to know about Cyber Security?

It is estimated that 10% of security safeguards are technical in nature. Firewalls and Intrusion Detection devices are a few devices that can help prevent approximately 10% of security threats.


The additional 90% of safeguards rely on each of us. By understanding and adhering to these safeguards, we can reduce or eliminate most cyber security threats.

 **GPS Map Camera**

Thimmapur, Telangana, India  
9526+5W5, Thimmapur, Panthul Kondapur, Telangana 505527, India  
Lat 18.350385°  
Long 79.163034°  
03/01/23 03:12 PM GMT +05:30

 Google

FACULTY DEVELOPMENT PROGRAM ON CYBER SECURITY

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



# 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



ESTD : 2005

## Department of Master of Computer Applications

### Five-Day Faculty Development Program on

### Machine Learning using Python

(05/06/2023 to 09/06/2023)

### Schedule

Date	10.00 AM to 11.30 PM		11.45 AM to 12.45 PM		02.00 PM to 03.30 PM		03.45 PM to 04.45 PM
05/06/2023	Machine Learning Introduction Why Python? (Dr. VB)	BREAK	Scikit-learn Essential Libraries and Tools (Dr. PV)	LUNCH	First Application: Classifying Iris Species(Lab) (Dr. VB)	BREAK	Building KNN (Lab) (Dr. PV)
06/06/2023	Classification and Regression (Dr. PV)		Generalization Overfitting and Underfitting (Dr. VB)		Decision Trees (Lab) (Dr. PV)		Ensemble of Decision Trees(Lab) (Dr. VB)
07/06/2023	Unsupervised Learning (Dr. VB)		Dimensionality Reduction (Dr. PV)		Principal Component Analysis (Lab) (Dr. VB)		Linear Discriminant analysis (Lab) (Dr. PV)
08/06/2023	Clustering Methods (Dr. PV)		Representing Data and Engineering Features (Dr. VB)		K-Means Algorithm Implementation (Lab) (Dr. PV)		Implementing DBSCAN (Lab) (Dr. VB)
09/06/2023	Probabilistic Modeling (Dr. VB)		Scaling to Larger Data Sets (Dr. PV)		Model Evaluation and Optimization (Lab) (Dr. VB)		Valedictory

Dr. VB- Dr. V. Bapuji, Dr. PV- Dr. P. Venkateshwarlu

Coordinator

H.O.D.

Principal

**Principal**  
Vaageswari College of Engineering  
KARIMNAGAR



## WORKSHOPCONTENT:

Machine learning has become an integral part of many commercial applications and research projects, but this field is not exclusive to large companies with extensive research teams. If you use Python, even as a beginner, programme provides you practical ways to build your own machine learning solutions. With all the data available today, machine learning applications are limited only by your imagination. The steps necessary to create a successful machine-learning application with Python and the scikit-learn library are introduced.

- Machine Learning Introduction and Application
- How python is used to implement ML algorithms
- Supervised and Unsupervised Algorithms
- Ensemble Learning Techniques
- Probabilistic Modeling
- Model building and Model Evaluation.

Every session is followed by a laboratory session to implement examples.

## ADVISORY COMMITTEE

### Chief Patron

Dr.G. Sreenivas Reddy  
General Secretary and Correspondent

### Patrons

Sri.D. Srinivas Reddy  
Joint Secretary  
Dr. Ch. Srinivas  
Principal

### COORDINATOR

Dr.V.Bapuji  
Professor

## ORGANIZING COMMITTEE

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Mr. B. Anvesh Kumar  
Mr. P. Sathish  
Mr. L. Aravind  
Mr. G. Bharath

### CONVENOR

Dr. V. Bapuji  
Associate Professor & Head of Dept. of MCA  
Department of Master of Computer Applications  
Email: s4mcahod@gmail.com  
Phone: +91-9848493616



## **FIVE-DAY FACULTY DEVELOPMENT PROGRAM ON Machine Learning Using Python**

Organizedby

Department of Master of Computer  
Applications

**VAAGESWARI COLLEGE OF  
ENGINEERING**

**Karimnagar, Telangana- India**

**5<sup>th</sup> to 9<sup>th</sup> June,2023**

\*\*\*\*\*

**Principal**

Vaageswari College of Engineering



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### REGISTRATION FORM:

Please fill this form and send it to us by email to [s4mcahod@gmail.com](mailto:s4mcahod@gmail.com) before 10th September 2020

Name of the Participant: \_\_\_\_\_

Designation: \_\_\_\_\_

Department: \_\_\_\_\_

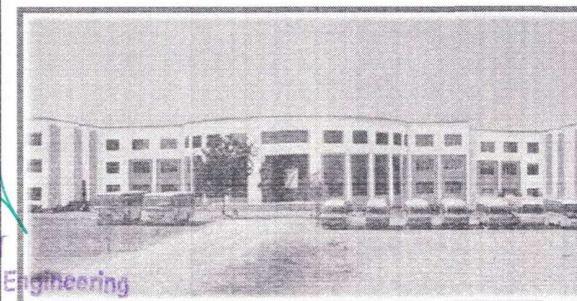
Organization name and Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Mobile Number: \_\_\_\_\_

Email id: \_\_\_\_\_

Signature and Seal of the  
Head /Director of the Institute

**NO REGISTRATION FEE**



Principal  
Vaageswari College of Engineering

## **CIRCULAR**

Date: 01-06-2023


It is hereby informed to **Department of Master of Computer Applications** that a five-day Faculty Development Program will be held on “**Machine Learning using Python**” from 05<sup>th</sup> to 09<sup>th</sup> June 2023. All the Teaching and non-teaching members should avail this opportunity to upgrade the technical skills.

Hence, all Teaching and non-teaching members should attend the above FDP program without fail.

**PRINCIPAL**

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- All the Notice Boards
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Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

**Department of Mater of Computer Applications**

**Five-Day Faculty Development Program on**

**Machine Learning using Python**

**(05/06/2023 to 09/06/2023)**

**List of Participants**

S.No	Name	Signature
1	Dr.M.RAMESH	Ramesh
2	Dr.ChandramouliNarsingoju	Chandramouli
3	Mr. MD. Sirajuddin	Sirajuddin
4	Mr. K. Vasanth Kumar	Vasanth Kumar
5	Mr.Akoju Mahender	Akoju Mahender
6	Dr.K.CHANDRA MOULI	Chandramouli
7	Mr.K.RAMESH	Ramesh
8	Mr.B.Pranithkumar	Pranithkumar
9	Mr. B.BHARGAVENDRA	Bhargava
10	Mr. T.NAGESHWAR RAO	Nageshwar Rao
11	Mrs. E.JYOTHI	Jyothi
12	Mr. RAM MOHAN BANDA	Ram Mohan Banda
13	Mr. B. Ravi Nayak	Ravi Nayak
14	Mr. B.THIRUPATHI	Thirupathi

Coordinator

HOD

Principal

**Principal**

Vaageswari College of Engineering  
KARIMNAGAR



**Department of Master of Computer Applications**

**Five-Day Faculty Development Program on**

**Machine Learning Using Python**

**05/06/2023 to 09/06/2023**

**ATTENDANCE SHEET**

S.N	Name	Dept	05/06/2023	06/06/2023	07/06/2023	08/06/2023	09/06/2023
1	Dr.M.RAMESH	EEE	Ramesh	Ramesh	Ramesh	Ramesh	Ramesh
2	Dr.ChandramouliNarsingoj	CSE	Chandramouli	Chandramouli	Chandramouli	Chandramouli	Chandramouli
3	Mr. MD. Sirajuddin	CSE	\$	\$	\$	\$	\$
4	Mr. K. Vasanth Kumar	CSE	Vasanth	Vasanth	Vasanth	Vasanth	Vasanth
5	Mr.Akoju Mahender	CSE	Mahender	mahender	mahender	mahender	mahender
6	Dr.K.CHANDRA MOULI	EEE	Dr.K.Chandramouli	Dr.K. Chandramouli	Dr.K. Chandramouli	K.Chandramouli	K.Chandramouli
7	Mr.K.RAMESH	EEE	Ram	Ram	Ram	Ram	Ram
8	Mr.B.Pranithkumar	EEE	Pkumar	Pkumar	Pkumar	Pkumar	Pkumar
9	Mr. B.BHARGAVENDRA	ECE	Bhargava	Bhargava	Bhargava	Bhargava	Bhargava
10	Mr. T.NAGESHWAR	ECE	Nageshwar	Nageshwar	Nageshwar	Nageshwar	Nageshwar
11	Mrs. E.JYOTHI	ECE	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
12	Mr. RAM MOHAN	ECE	R	R	R	R	R
13	Mr. B. Ravi Nayak	CSE	Ravinayak	Ravinayak	Ravinayak	Ravinayak	Ravinayak
14	Mr. B.THIRUPATHI	ECE	Thirupathi	Thirupathi	Thirupathi	Thirupathi	Thirupathi

Coordinator

HOD

Principal

Vaageswari College of Engineering  
KARIMNAGAR



**Department of Master of Computer Applications (MCA)**

**Five-Day Faculty Development Program on**

**Machine Learning using Python**

**05/06/2023 to 09/06/2023**

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**SPEAKER PROFILES**

**Dr. V. Bapuji**, completed his Ph.D. in Computer Science at Kakatiya University Warangal. He has 22 years of teaching experience at postgraduate level and research interest includes Cloud Computing, Mobile Ad Hoc Networks Security, Soft Computing, and Design efficient accurate reliable low cost IDS. His work focuses on the security and fault tolerance of routing protocols, with an emphasis on solutions to support Mobile Ad hoc Networking. He has published more than 32 international journal publications in reputed international journals and published 2 book chapters. He is a member of IEEE, ISTE, IAENG, and IAEME.

**Dr. P. Venkateshwarlu**, completed his M.Sc and Ph.D from Kakatiya University, Warangal. Currently he is working as Associate Professor in Dept. of MCA. He has 23 years of teaching experience His research areas include Data Mining, Machine Learning and Deep Learning. He has published several research articles in the filed of machine learning and Deep Learning.

**Department of Master of Computer Applications**

**Five-Day Faculty Development Program on**

**Machine Learning for Computer Vision**

**05/06/2023 to 09/06/2023**

**FEEDBACK**

Name of the Participant: Dr. k. chandramouli

Designation: Assistant professor

Please respond to the following items by using the scale below:

5=Excellent    4=Very Good    3=Good    2=Fair    1=Poor

1.Planning and organization of Lecture .

5 ✓                      4                      3                      2                      1

2.Sequence of Topics.

5                      4 ✓                      3                      2                      1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.

5                      4 ✓                      3                      2                      1

4.Quality of Power point presentations.

5 ✓                      4                      3                      2                      1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5                      4 ✓                      3                      2                      1



Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

  
Signature



**VAAGESWARI COLLEGE OF ENGINEERING**

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**Department of Master of Computer Applications**

**Five-Day Faculty Development Program on**

**Machine Learning for Computer Vision**

**05/06/2023 to 09/06/2023**

**FEEDBACK**

Name of the Participant: Dr. Chandramouli Narsingoji

Designation: Assistant professor

Please respond to the following items by using the scale below:

5=Excellent    4=Very Good    3=Good    2=Fair    1=Poor

1.Planning and organization of Lecture .

5                      4 ✓                      3                      2                      1

2.Sequence of Topics.

5 ✓                      4                      3                      2                      1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.

5                      4 ✓                      3                      2                      1

4.Quality of Power point presentations.

5 ✓                      4                      3                      2                      1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5                      4 ✓                      3                      2                      1

Principal  
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**Department of Master of Computer Applications**

**Five-Day Faculty Development Program on**

**Machine Learning for Computer Vision**

**05/06/2023 to 09/06/2023**

**FEEDBACK**

Name of the Participant: Mr. Akoju Mahender

Designation: Assistant professor

Please respond to the following items by using the scale below:

5=Excellent    4=Very Good    3=Good    2=Fair    1=Poor

1.Planning and organization of Lecture .

5                      4                      3                      2                      1

2.Sequence of Topics.

5                      4                      3                      2                      1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.


5                      4                      3                      2                      1

4.Quality of Power point presentations.

5                      4                      3                      2                      1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5                      4                      3                      2                      1

  
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**Department of Master of Computer Applications**

**Five-Day Faculty Development Program on**

**Machine Learning for Computer Vision**

**05/06/2023 to 09/06/2023**

**FEEDBACK**

Name of the Participant: Mrs. E. Jyothi

Designation: Assistant professor

Please respond to the following items by using the scale below:

5=Excellent    4=Very Good    3=Good    2=Fair    1=Poor

1.Planning and organization of Lecture .

5                      4 ✓                      3                      2                      1

2.Sequence of Topics.

5 ✓                      4                      3                      2                      1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.

5                      4 ✓                      3                      2                      1

4.Quality of Power point presentations.

5 ✓                      4                      3                      2                      1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5 ✓                      4                      3                      2                      1

Principal  
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## Department of Master of Computer Applications

### Five-Day Faculty Development Program on

### Machine Learning for Computer Vision

05/06/2023 to 09/06/2023

### FEEDBACK

Name of the Participant: Mr. B. Shirupalki

Designation: Assistant professor

Please respond to the following items by using the scale below:

5=Excellent 4=Very Good 3=Good 2=Fair 1=Poor

1.Planning and organization of Lecture .

5 ✓ 4 3 2 1

2.Sequence of Topics.

5 4 ✓ 3 2 1

3.Communication (Viz. Delivery, Pronunciation, Modulation and interaction.

5 ✓ 4 3 2 1

4.Quality of Power point presentations.

5 4 ✓ 3 2 1

5.Level of Skill and knowledge and contribution of lecture to your skill and knowledge.

5 ✓ 4 3 2 1

  
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**Department of Master of Computer Applications**

**Five-Day Faculty Development Program on**

**Machine Learning Using Python**

**05/06/2023 to 09/06/2023**

**Report**

A five Day Faculty Development Program on “Machine Learning Using Python” was organized by Department of Master of Computer Applications, Vaageswari college of Engineering from 5<sup>th</sup> to 9<sup>th</sup> June, 2023 for the faculty of MCA Department. 14 faculty members of the Department actively participated and gained useful information from all the sessions.


Machine learning has become an integral part of many commercial applications and research projects, but this field is not exclusive to large companies with extensive research teams. The program is designed to build machine learning models using python for different scenarios.

**Outcomes of the Faculty Development Program:**

1. The participants understand Model Building, Model evaluation and Model Optimization.
2. The participants also understand Classification, Clustering and Ensemble Techniques
3. The participants understand how to code the algorithm using python and various libraries relevant to it.

  
Coordinator

  
HOD

  
Principal  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR



# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar  
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**Think of a spreadsheet**

	A	B	C	D
	Column 1	Column 2	Column 3	
1				
2 Row 1		2.2	2.3	1
3 Row 2		2.3	2.6	0
4 Row 3		2.1	2	1

Column: A column describes data of a single type  
Row: Describes a single entity  
Cell: A cell may be a real value (1.5) an integer or a category (red).

**Statistical perspective**

	A	B	C
	X1	X2	Y
1			
2	2.2	2.3	1
3	2.3	2.6	0
4	2.1	2	1
5			


Output =  $f(\text{Input})$        $Y = f(X)$

**GPS Map Camera**

Thimmapur, Telangana, India  
9526+5W5, Thimmapur, Panthul Kondapur, Telangana 505527, India  
Lat 18.350385°  
Long 79.163034°  
05/06/23 03:14 PM GMT +05:30

Google

FACULTY DEVELOPMENT PROGRAM ON MACHINE LEARNING

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.