

# VAAGESWARI COLLEGE OF ENGINEERING

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

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

Date: 01/09/2022

To  
The Principal,  
Vaageswari College of Engineering,  
Karimnagar.

**Subject:** Request Proposal to Conduct Five day FDP on "Trends in Transportation Engineering"-Reg.

Respected Sir,

In Accordance to Subject cited above I, Head of the Department of Civil Engineering here with request with this letter to permit us to conduct a Five day Faculty Development Program on "Trends in Transportation Engineering" during 19<sup>th</sup> to 23<sup>rd</sup> September 2022. I also request you to provide all the required facilities.

Thanking You,

Yours Sincerely

  
HOD-Civil Engg.



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)

## CIRCULAR

Date: 08-09-2022

It is hereby informed to **Department of Civil Engineering** that a five-day Faculty Development Program on "Trends in Transportation Engineering" will be held from 19<sup>th</sup> to 23<sup>rd</sup> September 2022. 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.



### Copies to:

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

PRINCIPAL

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527



**COLLEGE OF ENGINEERING**  
COUNSELLING CODE: **VCE**

A Five Day

Faculty Development Program

On

**Trends in Transportation Engineering**

**19-09-2022 To 23-09-2022**

**Convener**

**Mr. K. Rajesh**

**Coordinators**

**Mr. R. Ganesh**

**Mr. V. Mahesh**

**Organized By**

**Department of Civil Engineering**  
**Vaageswari College of Engineering,**  
**Beside LMD Police Station, Ramakrishna**

**Colony, Karimnagar-505527**

**Approved by AICTE, New Delhi Affiliated**  
**to JNTU Hyderabad**

**Organizing Committee**

**Chief Patron**

**Dr. G. Sreenivas Reddy**  
**Secretary & Correspondent**

**Patron**

**Dr. D. Srinivas Reddy**  
**Joint Secretary**

**Organizing Chair**

**Dr. Ch. Srinivas**  
**Principal**

**Convener**

**Mr. K. Rajesh**  
**Head of the Department**

**Coordinators**

**Mr. R. Ganesh, Assistant Professor**  
**Dr. Kante Mallikarjuna Rao,**  
**Associate Professor**

**Faculty Members**

**V. Mahesh**  
**Assistant Professor**

**G. Rupa**  
**Assistant Professor**

**P. Amaraavathi**  
**Assistant Professor**

**T. Harini**  
**Assistant Professor**

**About the Institute**

The society was established by an eminent and educated personalities in the name of Goddess Sarasvathi Devi, Sree Vaageswari Educational Society during the year 2003 under the leadership of General Secretary Dr. G. Sreenivas Reddy Garu, who is a doctor in Ayurveda and a dedicated missionary and crusader in the field of education, is the spirit and force behind this reputed organization. The society was established with a crystal vision to produce professionals having scientific Intellect, innovation and Imagination.

**About the Department**

The Department of Civil Engineering at Vaageswari College of Engineering is producing high quality technical manpower needed to Industry, R&D organizations, and academic institutions since 2013 with an Intake of 60. The Intake has been increased to 120 in the year 2014.

Many of our students are placed in reputed companies like GMR, L&T, Aparna infrastructures, NCC, Navayuga, GVK, Lanco Infrastruct Limited, IVRCI infrastructures & projects Ltd, Indian army, Indian navy and many more. The academic activities of the department emphasize deep understanding of fundamental principles, development of creative ability to handle the challenge of civil engineering and the analytical ability to solve problems which are interdisciplinary in nature.

**Department Vision**

To Impart Knowledge and Excellence in Civil Engineering and Technology with Technical Competencies to meet the Current and Future Challenges.

**Principal**

**Vaageswari College of Engineering**  
**Karimnagar-505527**



### Department Mission

To provide state of the art infrastructure and resources that contributes to a congenial learning environment for students.

To make the department a centre of excellence in the field of Civil Engineering and allied research.

To promote innovative and original thinking in the minds of budding engineers to face the challenges of the future.

To produce Civil Engineers of high caliber, technical skills and ethical values to serve the society and nation.

### About the FDP

Faculty Development program on "Trends in Transportation Engineering" by Eminent Persons from our Institute and develop novel solutions to the challenges happening across the world In various streams of civil and Infrastructural Engineering. This programme helps all the Professionals to tackle the present trends and develop new innovative methodologies to meet the approaching Challenges.

### Resource Persons

#### Day: 1

*Intelligent Transportation Systems and Sustainable Transportation*

**Mr. K. Rajesh, Assistant Professor**

#### Day: 2

*Electric and Sustainable Transportation*

**Mr. K. Rajesh, Assistant Professor**

#### Day: 3

*Urban Air Mobility (UAM)*

**Dr. Kante Mallikarjuna Rao,**

**Associate Professor**

#### Day: 4

*Big Data and Predictive Analytics*

**Mr. R. Ganesh, Assistant Professor**

#### Day: 5

*Augmented Reality (AR) and Virtual Reality (VR) in Transportation Planning*

**Dr. Kante Mallikarjuna Rao,**

**Associate Professor**

**Participants**

All faculty, academicians and researchers in Department of Civil Engineering

### REGISTRATION FORM

Please fill this form and send it to us by email to [vaageswarivil@gmail.com](mailto:vaageswarivil@gmail.com) before 12<sup>th</sup> September 2022.

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  
KARIMNAGAR-505 527.



# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar  
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DEPARTMENT OF CIVIL ENGINEERING  
Five-Day Faculty Development Program  
Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

## SCHEDULE

Date	10.30 AM to 12.30 PM	LUNCH	02.00 PM to 04.30 PM
(19-09-2022)	Registration and Inaugural (10.30AM to 11.30AM) <i>Autonomous Vehicles and Connected Infrastructure</i> Mr.K.Rajesh , Assistant Professor		<i>Smart Cities and Intelligent Transportation Systems (ITS)</i> Mr.R.Ganesh , Assistant Professor
(20-09-2022)	<i>Electric and Sustainable Transportation</i> Mr.K.Rajesh , Assistant Professor		<i>Hyperloop and High-Speed Rail</i> Mr.K.Rajesh , Assistant Professor
(21-09-2022)	<i>Urban Air Mobility (UAM)</i> Mr.R.Ganesh, Assistant Professor		<i>Mobility as a Service (MaaS)</i> Mr.R.Ganesh, Assistant Professor
(22-09-2022)	<i>Big Data and Predictive Analytics</i> Mr.R.Ganesh, Assistant Professor		<i>Blockchain in Transportation</i> Mr.R.Ganesh, Assistant Professor
(23-09-2022)	<i>Resilient and Adaptive Infrastructure</i> Mr.Ch.Shiva Kumar, Assistant Professor		Present uses of Asset Mapping Mr.Ch.Shiva Kumar, Assistant Professor  <b>Valedictory</b> (04.00PM to 04.30PM )

Coordinator

H.O.D.

Principal

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527



Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527





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## DEPARTMENT OF CIVIL ENGINEERING

Five-Day Faculty Development Program

**Trends in Transportation Engineering**

(19-09-2022 To 23-09-2022)

### SPEAKER PROFILES

**Mr.K.Rajesh, Assistant Professor**

**Mr.K.Rajesh** completed his M.Tech from Jawaharlal Nehru Technological University, Hyderabad. Currently he is working as a Assistant Professor and Head of department at Vaageswari College of Engineering. He has published many national and international journals and attended national and international Conferences. His research interests include Design of Reinforced Cement Concrete structures, Hybrid FRC, etc.

**Dr.KanteMallikarjuna Rao, Associate Professor**

**Dr.K.Mallikarjuna Rao** completed his M.Tech from Jawaharlal Nehru Technological University, Hyderabad and completed Ph.D from Sri Satya Sai University of Technology & Medical Sciences, Sehore, Currently he is working as an Associate Professor at Vaageswari College of Engineering. His area of interests includes design of High raised structural and Irrigation Projects

**Mr.R.Ganesh, Assistant Professor**

**Mr.R.Ganesh** completed his M.Tech from Jawaharlal Nehru Technological University, Hyderabad. Currently he is working as a Assistant Professor at Vaageswari College of Engineering. His research interests include Earthquake Resistant Design of Reinforced Concrete Structures.

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



# VAAGESWARI COLLEGE OF ENGINEERING

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

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

Department of Civil Engineering

Five-Day Faculty Development Program

Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

## LIST OF PARTICIPANTS

S.No	Name of the Faculty	Signature
1	Dr.KanteMallikarjuna Rao	
2	K.Rajesh	
3	R.Ganesh	
4	V.Mahesh	
5	G.Rupa	
6	P.Amaravathi	
7	T.Harini	
8	E.Venu	
9	E.Rakesh Reddy	
10	A.Mahesh	
11	Seema Fatima	
12	V.Vidya Sagar	
13	M.Sruthi	
14	P.DivyaHarathi	
15	V.Hari Priya	



Coordinator

HOD

Principal

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.



# VAAGESWARI COLLEGE OF ENGINEERING

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## Department of Civil Engineering

Five-Day Faculty Development Program

## Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

### ATTENDANCE SHEET FOR DAY-1 (19-09-2022)

S.No	Name of the Faculty	Signature	
		FN	AN
1	Dr.Kante Mallikarjuna Rao		
2	K.Rajesh		
3	R.Ganesh		
4	V.Mahesh		
5	G.Rupa		
6	P.Amaravathi		
7	T.Harini		
8	E.Venu		
9	E.Rakesh Reddy		
10	A.Mahesh		
11	Saema Fatima		
12	V.Vidya Sagar		
13	M.Sruthi		
14	P.Divya Harathi		
15	V.Hari Priya		

Coordinator



HOD

Principal

Principal

Vaageswari College of Engineering  
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## Department of Civil Engineering

Five-Day Faculty Development Program

Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

### ATTENDANCE SHEET FOR DAY-2 (20-09-2022)

S.No	Name of the Faculty	Signature	
		FN	AN
1	Dr.Kante Mallikarjuna Rao		
2	K.Rajesh		
3	R.Ganesh		
4	V.Mahesh		
5	G.Rupa		
6	P.Amaravathi		
7	T.Harini		
8	E.Venu		
9	E.Rakesh Reddy		
10	A.Mahesh		
11	Seema Fatima		
12	V.Vidya Sagar		
13	M.Sruthi		
14	P.Divya Harathi		
15	V.Hari Priya		

Coordinator



HOD

Principal

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527



# VAAGESWARI COLLEGE OF ENGINEERING

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

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## Department of Civil Engineering

Five-Day Faculty Development Program

## Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

### ATTENDANCE SHEET FOR DAY-3 (21-09-2022)

S.No	Name of the Faculty	Signature	
		FN	AN
1	Dr.Kante Mallikarjuna Rao		
2	K.Rajesh		
3	R.Ganesh		
4	V.Mahesh		
5	G.Rupa		
6	P.Amaravathi		
7	I.Harini		
8	E.Venu		
9	E.Rakesh Reddy		
10	A.Mahesh		
11	Seerna Fatima		
12	V.Vidya Sagar		
13	M.Sruthi		
14	P.Divya Harathi		
15	V.Hari Priya		

Coordinator



HOD

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527.

Principal  
Vaageswari College of Engineering  
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# VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar  
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## Department of Civil Engineering

Five-Day Faculty Development Program

## Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

### ATTENDANCE SHEET FOR DAY-4 (22-09-2022)

S.No	Name of the Faculty	Signature	
		FN	AN
1	Dr.Kante Mallikarjuna Rao		
2	K.Rajesh		
3	R.Ganesh		
4	V.Mahesh		
5	G.Rapa		
6	P.Amaravathi		
7	T.Harini		
8	E.Venu		
9	E.Rakesh Reddy		
10	A.Mahesh		
11	Seema Fatima		
12	V.Vidya Sagar		
13	M.Sruthi		
14	P.Divya Harathi		
15	V.Hari Priya		

Coordinator



HOD

Principal

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.





# VAAGESWARI COLLEGE OF ENGINEERING

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

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## Department of Civil Engineering

Five-Day Faculty Development Program

## Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

### ATTENDANCE SHEET FOR DAY-5 (23-09-2022)

S.No	Name of the Faculty	Signature	
		FN	AN
1	Dr.Kante Mallikarjuna Rao		
2	K.Rajesh		
3	R.Ganesh		
4	V.Mahesh		
5	G.Rupa		
6	P.Amaravathi		
7	T.Harini		
8	E.Venu		
9	E.Rakesh Reddy		
10	A.Mahesh		
11	Seema Fatima		
12	V.Vidya Sagar		
13	M.Sruthi		
14	P.Divya Harathi		
15	V.Hari Priya		

Coordinator



HOD

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527



# VAAGESWARI COLLEGE OF ENGINEERING

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

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

Department of Civil Engineering

Five-Day Faculty Development Program

Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)

## FEEDBACK

Name of the Participant: P. Amaranathi

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. The speakers presented materials clearly and concisely.

5 4 3 2 1

2. The speakers covered the material sufficiently.

5 4 3 2 1

3. The information presented was relevant to your needs and expectations.

5 4 3 2 1

4. Sufficient opportunity was provided for questions.

5 4 3 2 1

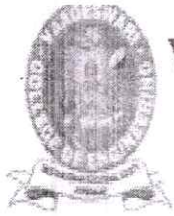
5. You were pleased with the presentations.

5 4 3 2 1

Suggestions:

P. Amaranathi  
Signature

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



# VAAGESWARI COLLEGE OF ENGINEERING

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

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

## Department of Civil Engineering

Five-Day Faculty Development Program

**Trends in Transportation Engineering**

(19-09-2022 To 23-09-2022)

### REPORT

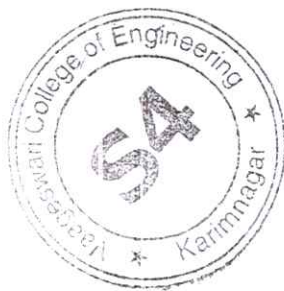
A five Day Faculty Development Program on “**Trends in Transportation Engineering**” was organized by Department of Civil Engineering, for the Faculty of Civil in Vaageswari college of Engineering from **19-09-2022 To 23-09-2022**. Most of the Faculty members of the department have been actively participated and gained useful information from all the sessions.

The program is designed to understand latest technologies which are used in the fields of Civil Engineering. The program had provided an opportunity to acquire knowledge about current technological developments in the field of latest innovations and design. The program mainly focused on **Trends in Transportation Engineering** usage in the civil construction management area, concrete usage etc.

#### **Outcomes of the Faculty Development Program:**

1. Enhanced Knowledge and Skills: Participants gain a deeper understanding of the latest trends, techniques, and innovations in geotechnical and transportation engineering.
2. Updated Curriculum: Educators and professionals may revise their course curricula to incorporate the latest industry trends and technological advancements.

  
Coordinator



  
HOD

  
Principal

  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.





# VAAGESWARI COLLEGE OF ENGINEERING

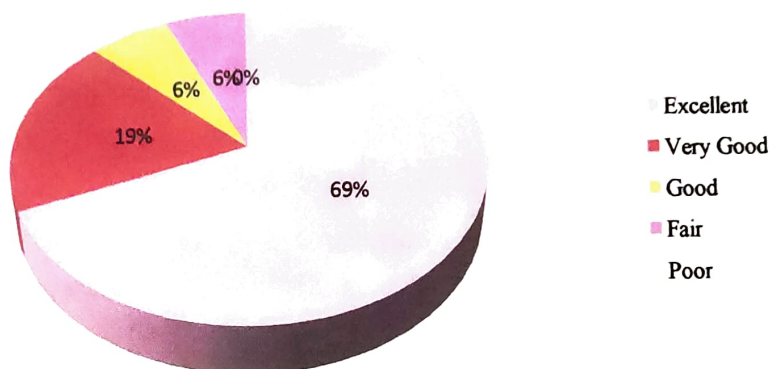
Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar  
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

## Department of Civil Engineering Five Day Faculty Development Program Trends in Transportation Engineering

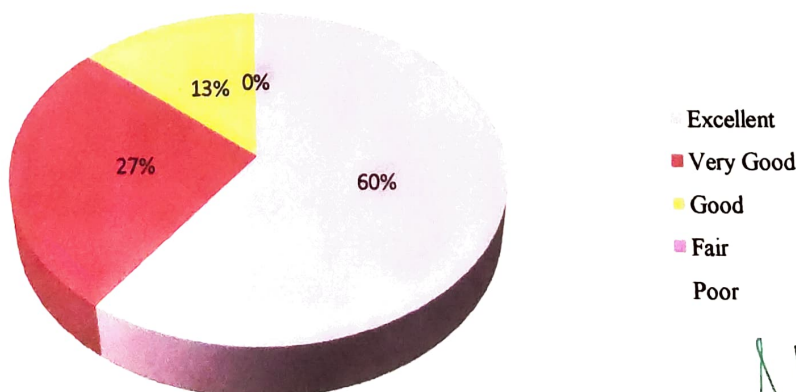
(19-09-2022 To 23-09-2022)

### ANALYSIS

#### The speakers presented materials clearly and Concisely



#### Sufficient opportunity was provided for Questions



Principal

Vaageswari College of Engineering  
KARIMNAGAR - 505 527.

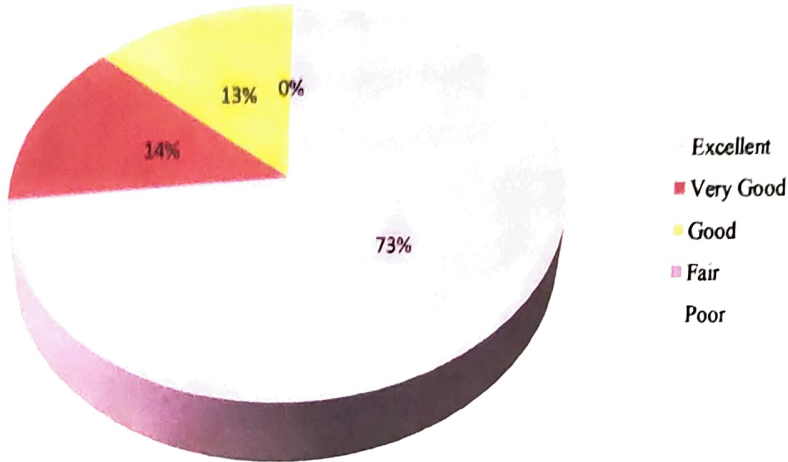


# VAAGESWARI COLLEGE OF ENGINEERING

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

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## You were pleased with the Presentations



### ACTION TAKEN

The organizing committee has taken a decision to conduct the upcoming Faculty Development Programmes in a very effective and efficient manner. The committee also decided to invite speakers from very reputed organizations. It has been decided to make the programmes more of practical oriented by conducting hands-on sessions to the participants by providing Laboratory Visits and also various Design tools pertaining to ITS and IOT Technologies.

**Principal**

Vaageswari College of Engineering  
KARIMNAGAR-505 527.



# VAAGESWARI COLLEGE OF ENGINEERING

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

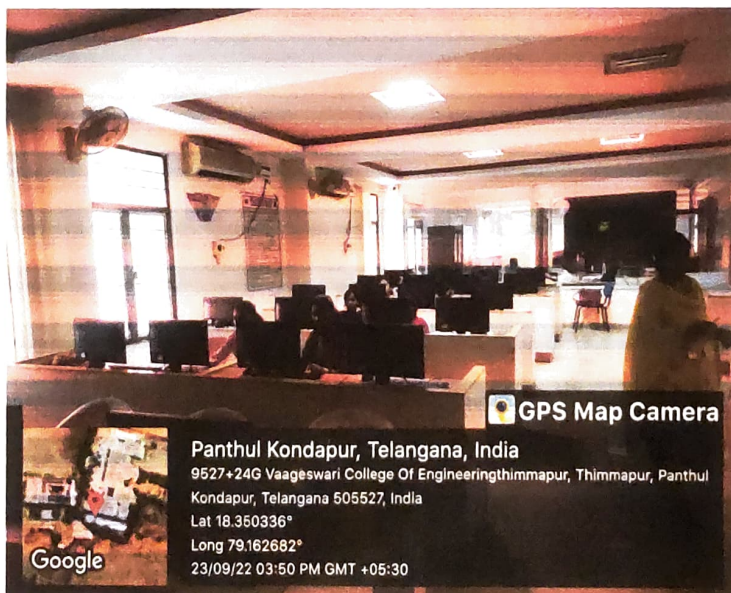
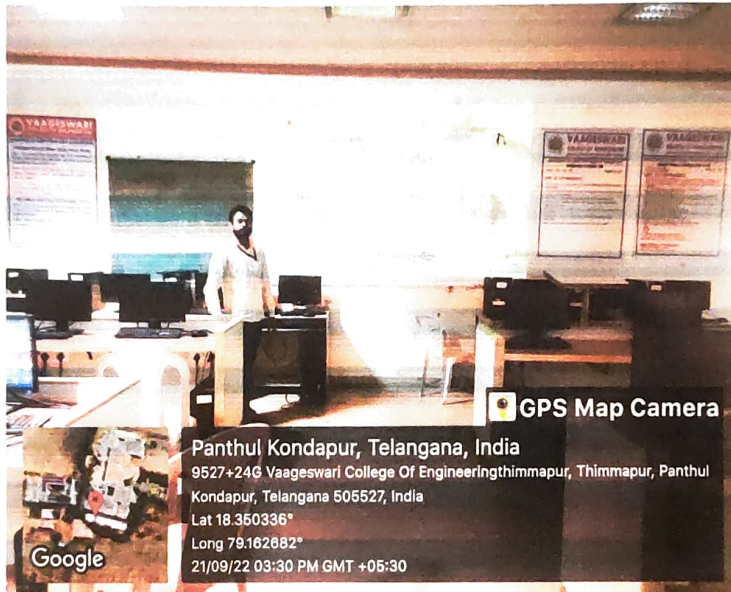
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

Department of Civil Engineering

Five Day Faculty Development Program

Trends in Transportation Engineering

(19-09-2022 To 23-09-2022)



**Principal**

Beside L.M.D. Police Station, Karimnagar - 505 527, Telangana State. Ph : 0878-2004242

E-mail: s4.principal@gmail.com, Website: www.vgsek.ac.in





# VAAGESWARI COLLEGE OF ENGINEERING

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

Date: 20/02/2023

To  
The Principal,  
Vaageswari College of Engineering,  
Karimnagar.

**Subject: Request Proposal to Conduct Five day FDP on "Soft computing techniques in Civil Engineering"-Reg.**

Respected Sir,

In Accordance to Subject cited above I, Head of the Department of Civil Engineering here with request with this letter to permit us to conduct a Five day Faculty Development Program on "Soft computing techniques in Civil Engineering" during **06-03-2023 To 10-03-2023**. I also request you to provide all the required facilities.

Thanking You,

Yours Sincerely

  
HOD-Civil Engg.

  
**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)

## CIRCULAR

Date: 27-02-2023

It is hereby informed to **Department of Civil Engineering** that a five day Faculty Development Program on "Soft computing techniques in Civil Engineering" will be held from **06-03-2023 To 10-03-2023**. 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.

### Copies to:

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

  
PRINCIPAL

Principal

Vaageswari College of Engineering  
KARIMNAGAR-505 527.



  
Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.





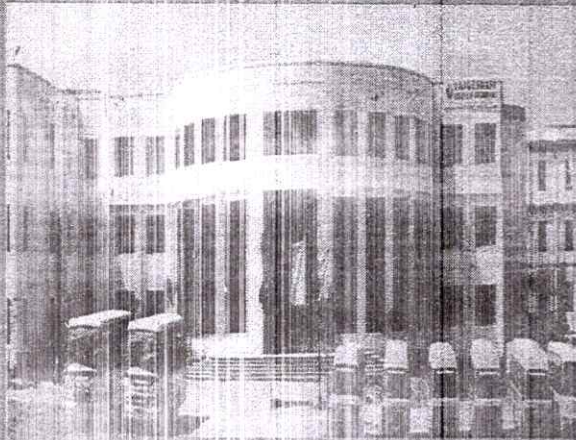
**VAAGESWARI**  
COLLEGE OF ENGINEERING  
COUNSELLING CODE: VGSE

Department of Civil Engineering

A Five Day  
Faculty Development Program  
On

*Soft computing techniques in Civil  
Engineering*

(16-03-2023 To 17-03-2023)



Organized By

Department of Civil Engineering  
VAAGESWARI COLLEGE OF ENGINEERING  
(Approved by AICTE, Affiliated to JNTUE)  
Kamachinnala Colony, Karimnagar  
www.vgsec.ac.in

Address for Communication

MEKKAJESU

Assistant Professor and HOD

Mobile: 91-9-33245889

Email: vaageswari.ce@vga.ac.in

#### ABOUT FDP:

This FDP aims at providing a forum for members of the academic community, to interact on cutting-edge and ground breaking topics in Auto cad objectives:

•The primary aim of the "Soft Computing Techniques in Civil Engineering" Faculty Development Program (FDP) is to empower faculty members with advanced knowledge and skills essential for the effective application of soft computing techniques in the field of civil engineering. Soft computing, encompassing fuzzy logic, neural networks, genetic algorithms, and swarm intelligence, offers innovative approaches to solving complex engineering problems that involve imprecision, uncertainty, and partial truth.

This FDP seeks to introduce participants to the fundamentals of soft computing and its diverse applications in areas such as structural analysis, geotechnical engineering, transportation engineering, and environmental engineering. Through hands-on training, case studies, and best practices, the program aims to equip faculty members with practical insights into implementing soft computing techniques for problem-solving, decision-making, and optimization in civil engineering design.

#### ABOUT THE INSTITUTE:

Vaageswari College of Engineering- The society was established by an eminent and educated personalities in the name of Goddess Saraswathi Devi. Sree Vaageswari Educational Society (SVES) during the year 2003 under the leadership of General Secretary Dr.Gandra Sreenivas Reddy Garu, who is a doctor in Ayurveda and a dedicated missionary and crusader in the field of education, is the spirit and force behind this reputed organization. The society was established with a crystal vision to produce professionals having scientific intellect, innovation and imagination.

To be among the best of the institutions for engineers and technologists with attitudes, skills and knowledge and to become an epicentre of creative solutions. To achieve and impart quality education with an emphasis on practical skills and social relevance.

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



## ABOUT THE DEPARTMENT

The Department Of Civil Engineering at Vaageswari College of Engineering is producing high quality technical manpower needed to industry, R&D organizations and academic institutions since 2013 with an intake of 60. The intake has been increased to 120 in the year 2014.

## DEPARTMENT VISION:

Vision is to become school of excellence that brings out civil engineers with technical competencies and promotes high-end research to meet the current and future challenges. To establish an outstanding centre of regional for providing a quality engineering education to the students from the rural area, excellent research and services to the professional and the community, to produce quality employee principles of continual quality improvement to enhance its programme and faculty.

## DEPARTMENT MISSION:

Provide value based technical education and empower the students to become competent professionals, preparing them for entry level positions in department, life-long learning and societal leadership. Allied with both the school of engineering and the college's mission. The department is dedicated to providing a dynamic learning environment that emphasizes open ended design, problem-solving skills, team work, communication, and leadership skills.

## CHIEF PATRONS:

1. Dr. G. Sreenivas Reddy  
(General Secretary & Correspondent)
2. Dr. D. Srinivas Reddy (Joint Secretary)
3. Dr. G. Shoba Devi (Treasurer)
4. Sri. V. Vinod (Executive Member)
5. Sri. Ch. Prakash Reddy (Executive Member)

## PATRONS:

Dr. Ch. Srinivas, Professor & Principal,  
Vaageswari College of Engineering.

## CONVENOR:

Mr. Mahesh, Assistant Prof.,  
Dept of Civil Engineering, Vaageswari College of Engineering.

## CO-ORDINATOR:

Mr. R. Ganesh, Assistant Professor  
Dept. of Civil Engineering, Vaageswari College of Engineering.

## ORGANIZING COMMITTEE:

Faculty Members of CIVIL Department,  
Vaageswari College of Engineering

## REGISTRATION FORM

Please fill this form and send it to us by email to [vaageswaricivil@gmail.com](mailto:vaageswaricivil@gmail.com) before 2<sup>nd</sup> March 2023

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**

APPLICATION OF  
**SOFT COMPUTING  
TECHNIQUES IN  
CIVIL ENGINEERING**

*[Signature]*  
**Principal**  
Vaageswari College of Engineering  
KARIMNAGAR-585 527





# 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 Civil Engineering

A Five-Day Faculty Development Program

Soft computing techniques in Civil Engineering

(06-03-2023 To 10-03-2023)

### SCHEDULE

Date	10.00 AM to 01.30 PM
06-03-2023	Registration and Inaugural (10.00AM to 11.00AM) <i>Artificial Neural Networks (ANNs)</i> Mr.K.Rajesh, Assistant Professor
07-03-2023	<i>Genetic Algorithms (GAs)</i> Dr.KanteMallikarjuna Rao, Associate Professor
08-03-2023	<i>Ant Colony Optimization (ACO)</i> Mr.R.Ganesh, Assistant Professor
09-03-2023	<i>Machine Learning</i> Mr.R.Ganesh, Assistant Professor
10-03-2023	<i>Hybrid Approaches</i> Mr.K.Rajesh, Assistant Professor Valedictory (01.00PM to 01.30PM)

*Naksh*  
Coordinator



*H.O.D.*

*Principal*



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### SPEAKER PROFILES

**Mr.K.Rajesh, Assistant Professor**


Mr. K. Rajesh completed his M.Tech from Jawaharlal Nehru Technological University, Hyderabad. Currently he is working as an Assistant Professor and Head of department at Vaageswari College of Engineering. He has published many national and international journals and attended national and international Conferences. His research interests include Design of Reinforced Cement Concrete structures, Hybrid FRC, etc.

**Dr.K.Mallikarjuna Rao, Associate Professor.**

Dr.K.Mallikarjuna Rao completed his M.Tech from Jawaharlal Nehru Technological University, Hyderabad and completed Ph.D from Sri Satya Sai University of Technology & Medical Sciences, Sehore. Currently he is working as an Associate Professor at Vaageswari College of Engineering. His area of interests includes design of High raised structural and Transportation Projects.

**Mr.R.Ganesh, Assistant Professor**

Mr.R.Ganesh completed his M.Tech from Jawaharlal Nehru Technological University, Hyderabad. Currently he is working as an Assistant Professor at Vaageswari College of Engineering. His research interests include Earthquake Resistant Design of Reinforced Concrete Structures.

  
**Principal**  
Vaageswari College of Engineering  
Karimnagar - 505 523, Telangana State. Ph : 0878-2004242

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## Department of Civil Engineering

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(06-03-2023 To 10-03-2023)

### LIST OF PARTICIPANTS

S.No	Name of the Faculty	Signature
1	Dr.KanteMallikarjuna Rao	
2	K.Rajesh	
3	R.Ganesh	
4	V.Mahesh	
5	G.Rupa	
6	P.Amaravathi	
7	T.Harini	
8	E.Venu	
9	E.Rakesh Reddy	
10	A.Mahesh	
11	Seema Fatima	
12	V.Vidya Sagar	
13	M.Sruthi	
14	P.DivyaHarathi	
15	V.Hari Priya	

Coordinator



HOD

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527.

Principal

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**Department of Civil Engineering**  
A Five-Day Faculty Development Program  
Soft computing techniques in Civil Engineering  
(06-03-2023 To 10-03-2023)

## ATTENDANCE SHEET

Sno.	Name of the Faculty	06-03-2023	07-03-2023	08-03-2023	09-03-2023	10-03-2023
1	Dr.Kante Mallikarjuna Rao					
2	K.Rajesh					
3	R.Ganesh					
4	V.Mahesh					
5	G.Rupa					
6	P.Amaravathi					
7	T.Harini					
8	E.Venu					
9	E.Rakesh Reddy					
10	A.Mahesh					
11	Seema Fatima					
12	V.Vidya Sagar					
13	M.Sruthi					
14	P.Divya Harathi					
15	V.Hari Priya					

Principal  
Vaageswari College of Engineering  
KARIMNAGAR-505 527



COORDINATOR

HOD

PRINCIPAL





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Department of Civil Engineering  
Five-Day Faculty Development Program  
Soft computing techniques in Civil Engineering

(06-03-2023 To 10-03-2023)

## FEEDBACK

Name of the Participant: Gaddam Pupa

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. The speakers presented materials clearly and concisely.

5 4 3 2 1

2. The speakers covered the material sufficiently.

5 4 3 2 1

3. The information presented was relevant to your needs and expectations.

5 4 3 2 1


4. Sufficient opportunity was provided for questions.

5 4 3 2 1

5. You were pleased with the presentations.

5 4 3 2 1

Suggestions:

  
Principal  
Vaageswari College of Engineering  
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Signature

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## Department of Civil Engineering

### A Five-Day Faculty Development Program

### Soft computing techniques in Civil Engineering

(06-03-2023 To 10-03-2023)

## REPORT

A FiveDay Faculty Development Program on "Soft computing techniques in Civil Engineering " was organized by Department of Civil Engineering, for the Faculty of Civil in Vaageswari college of Engineering from 06-03-2023 To 10-03-2023 .Most of the Faculty members of the Department have actively participated and gained useful information from all the sessions.


The FDP emphasizes the application of advanced data analytics and intelligent transportation systems, empowering professionals to contribute to the development of resilient and efficient transportation networks.

### Outcomes of the Faculty Development Program:

1. Enhanced Knowledge and Computing Skills: Participants gain a deeper understanding of the latest trends, techniques, and innovations in Soft Computing Industry.
2. Updated Curriculum: Educators and professionals may revise their course curricula to incorporate the latest industry trends and technological advancements.

  
Coordinator

  
HOD

  
Principal



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## Department of Civil Engineering

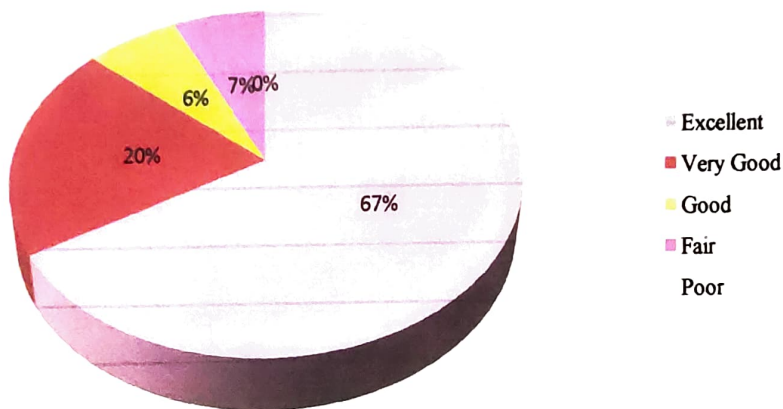
### Five Day Faculty Development Program

### Soft computing techniques in Civil Engineering

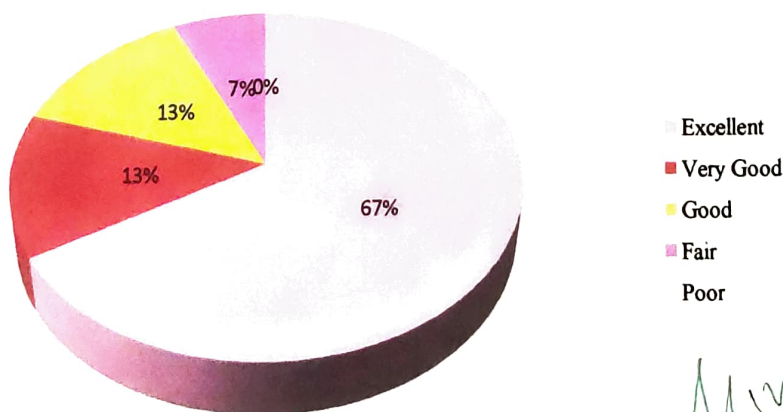
(06-03-2023 To 10-03-2023)

#### ANALYSIS

**The speakers presented materials clearly  
and Concisely**



**The information presented was relevant to  
your needs and Expectations**



  
**Principal**

Vaageswari College of Engineering  
KARIMNAGAR-505 527.

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## Sufficient opportunity was provided for Questions



### ACTION TAKEN

The organizing committee has taken a decision to conduct the upcoming Faculty Development Programmes in a very effective and efficient manner. The committee also decided to invite speakers from very reputed organizations. It has been decided to make the programmes more of practical oriented by conducting hands-on sessions to the participants by providing various Soft Computing tools like ANN, Fuzzy Logic and Genetic Algorithms etc., in a clear perspective.

  
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# VAAGESWARI COLLEGE OF ENGINEERING

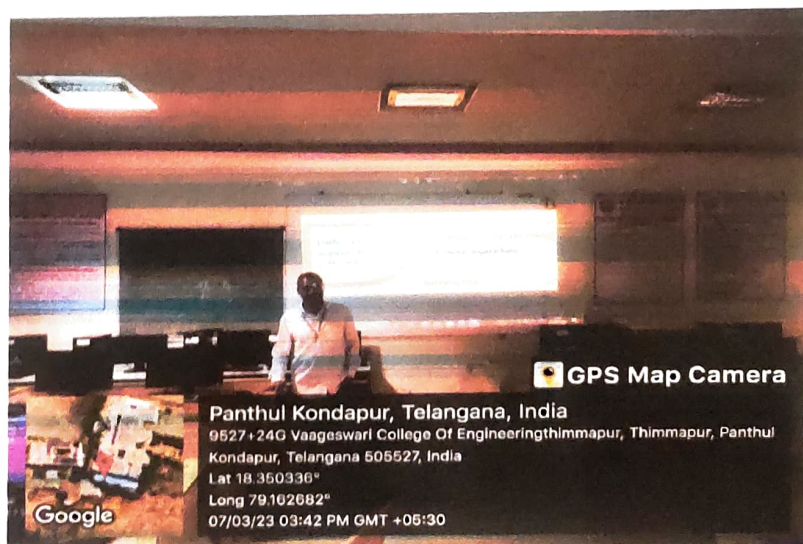
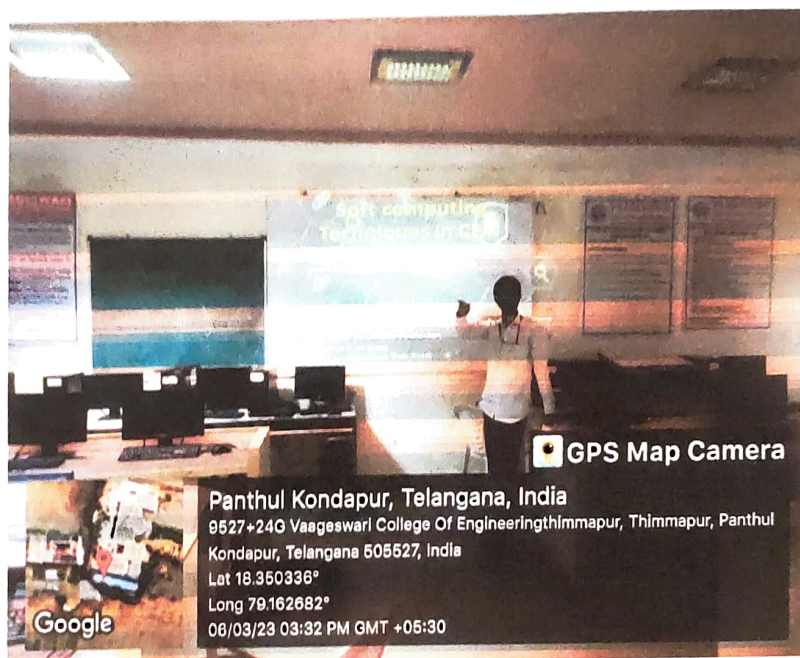
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Department of Civil Engineering

Five Day Faculty Development Program

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(06-03-2023 To 10-03-2023)



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