



GEETHANJALICOLLEGE OF ENGINEERING AND TECHNOLOGY

UGC Autonomous Institution

Accredited by NAAC, NBA, Approved by AICTE and affiliated to JNTUH

Cheeryal (V), Keesara (M), Medchal (Dist.) Pin-501 301

Ph: +91 7306295152, Website: www.gcet.edu.in

Newsletter: Volume 7, Issue 1

PRAGATHI: July - Dec 2022

PRAGATHI

DEPARTMENT OF CIVIL ENGINEERING

What's Inside

Message from Head of the Department
Vision, Mission, PEO's and PSO's of
the Department

- I. Publications by faculty*
- II. Faculty Achievements /Awards*
- III. Student participation & achievements*
- IV. FDP's/Workshops/Conferences/ Webinars participated by faculty*
- V. Expert lectures / Workshops / Field visits organized by the department*
- VI. Placements*



G. R. Ravinder Reddy
Chairman



Dr. UdayKumar Susarla
Principal



Dr. R. Prasanna Kumar
Registrar



V. Abdul Raffi
HOD-CED

Message from Head of the Department

I am very happy to bring out the seventh volume, first issue Department Newsletter "PRAGATHI". My hearty congratulations to the staff who published papers in reputed journals. I congratulate two staff members who were selected for PhD admission in Osmania University. I also congratulate the students who qualified in GATE, GRE and got MS admission in abroad. CE department feel pride to place about 46 Civil Engineering students of 2018-2022 batch secured placements on campus in various multinational companies such as Cognizant, Accenture, DXC Technologies etc.

Many faculty members of the department have participated in various online NPTEL, ATAL courses and webinars organized by reputed institutions.

Vision of the department

The Civil Engineering Department is committed to excellence, quality, and sustained growth while offering our students an outstanding and rigorous education in an environment that supports intellectual growth while meeting 21st century demands.

Mission of the department

1. To provide high-quality educational experience for students in the field of Civil Engineering with strong emphasis on professional ethics, social and environmental responsibilities.
2. To provide infrastructure and facilities to meet the latest technological requirements.
3. To provide research opportunities for faculty and students.
4. To have a continuous interaction with Industry with an emphasis on R and D.
5. To produce engineers capable of critical thinking, devoted to lifelong learning, and highly sought after by employers.

Program Educational Objectives (PEOs)

Program Educational Objectives (PEOs) are broad statements that describe the career and professional accomplishments that the program is preparing the graduates to achieve within three to five years of graduation. The PEOs for Civil Engineering program are:

PEO 1: Graduates will be technically adept in mathematical, scientific, and engineering fundamentals to pursue their chosen profession or pursue advanced studies with a commitment to lifelong learning for professional development.

PEO 2: Graduates will be able to apply problem-solving skills to various engineering problems that involve management of medium-sized projects to large-scale projects using modern equipment or systems, and work on multidisciplinary projects in multicultural environment demonstrating interpersonal skills.

PEO 3: Graduates will exhibit creativity, innovation, and professional ethics with leadership qualities towards societal development.

Program Specific Outcomes (PSOs)

PSO 1: Apply knowledge in core areas of Civil Engineering such as Structural, Geotechnical, Water Resources, Transportation and Environmental Engineering to Civil Engineering practice.

PSO 2: Utilize Civil Engineering principles that are appropriate to produce detailed drawings, design reports, quantity and cost estimates, specifications, contracts and other documents appropriate for the design, construction, operations and maintenance of Civil Engineering projects.

PSO 3: Shall interact and collaborate with stakeholders; execute quality construction works applying Civil Engineering tools namely, Total Station, Global Positioning System (GPS), ArcGIS, AutoCAD, STAAD and other necessary tools.

I. Publications by faculty

S. No.	Faculty Name	Title of Paper	Details
1.	<i>Dr. V. V. Praveen Kumar</i>	<i>A study on validation of moment-curvature relationship of lime sludge-based blended cement concrete on numerical modeling (ATENA)</i>	<i>Name of the journal - Structures - SCI Date of published: 11/10/2022 Volume: 45 Page: 1729-1737</i>
2.	<i>Dr. V. V. Praveen Kumar</i>	<i>Study on strength and durability characteristics of nano-silica based blended concrete</i> <i>Name of the journal - Hybrid advances</i>	<i>Date of published: 31/12/2022 Volume: 2 Page: 1-15</i>
3.	<i>Dr. K. Sri Lakshmi</i>	<i>Establishment of CETP at Chirala textile cluster using RS and GIS: a site suitability study</i>	<i>International conference on education 5.0- role of institution, industry and society,(eriis - 2022) october 14 -15 2022, organized by NIT Warangal.</i>

II. Faculty Achievements/Awards

1. *G. Raju*, Assistant Professor got admission for Ph. D. under category -II in Osmania University, Hyderabad, Telangana.

2. *V. Navaneetha*, Assistant Professor got admission for Ph. D. under category -II in Osmania University, Hyderabad, Telangana.

III. Student participation & Achievements

S. No.	Student Name	Event Name with Date	Place/College	Remarks
1.	Ajmeera Sandeep	QUIZOHOLIC-3.0, November 2022	GCET	Participation
2.	Ajmeera Sandeep	Flipkart GRiD-4.0- Software Development Challenge	Flipkart	Participation
3.	Deeravath Balaram	GATE 2023	GATE 2023	Qualified
4.	Abhishek Vemula	GRE March 2023	GRE	Qualified
5.	Sabiha Tabassum Shaik	GRE Sept 2022	Master's in University of North Texas	MS in NTU
6.	Harita Pasumarthi	IELTS Jul 2022	IELTS	Qualified
7.	Tummeti Sai Kumar Reddy	GRE	Data Science MS Programme in University of New Heaven , West Heaven	MS in UNH
8.	Rakesh Reddy Maggidi	GATE 2023	GATE 2023	Qualified
9.	Ajmeera Sandeep	GATE 2023	GATE 2023	Qualified

IV. FDP's/Workshops/Conferences/Webinars participated by faculty

S. No.	Name of the Faculty	Duration of Workshop	Topic	Organized by
1.	V Navodaya	13-07-2022	Webinar on NEP 2020 Implementation Plan: Equity and Inclusion	JNTUH
2.	K.Keerthi	16-07-2022	New techniques for prevention and mitigation of disasters triggered by earth quake and tsunami	Ultratech cement .Ltd
3.	N Kranthi Kumar	18-07-2022 to 22-07-2022	Concrete Mix Proportioning as per IS 10262 - 2019	NITTTR Kolkatta
4.	V. Abdul Raffi	12 Weeks (July-22 to Oct-22)	Geotechnical Engineering-I	IIT Khargpur NPTEL Course
5.	N Kranthi Kumar	12 Weeks (July-22 to Oct-22)	Design of Reinforced Concrete Structures	IIT Khargpur NPTEL Course
6.	N Kranthi Kumar	12 Weeks (July-22 to Oct-22)	FDP on Design of Reinforced Concrete Structures	IIT Khargpur NPTEL Course
7.	Dr. K. SriLakshmi	12-08-2022	Represented GCET as Innovation ambassador	Srinidhi College of Engineering & Technology
8.	V.Abdul Raffi	14-09-2022	Latest trends in Green Buildings	Jaipee University, Solan, Himachal Pradesh
9.	Dr. K. SriLakshmi	17-09-2022	Innovation ambassador (IA) training (Foundation level)	MoE's Innovation cell and AICTE
10.	Dr. K. SriLakshmi	10-10-2022	Innovation ambassador (IA) training (Advanced level)	MoE's Innovation cell and AICTE
11.	Dr. K. SriLakshmi	15-10-2022	National webinar on women and environment : issues & challenges	Acharya Nagarjuna University
12.	Reena Rana	15-10-2022	National webinar on women and environment : issues & challenges	Acharya Nagarjuna University

13.	<i>Dr. K. SriLakshmi</i>	<i>15-10-2022</i>	<i>Education 5.0- Role of Institution, Industry and Society (ERIIS-2022)</i>	<i>NIT, Warangal</i>
14.	<i>Dr. K. SriLakshmi</i>	<i>24-11-2022</i>	<i>Green talk on Rain Water Harvesting</i>	<i>Jaipee University, Solan, Himachal Pradesh</i>
15.	<i>V.Abdul Raffi</i>	<i>24-11-2022</i>	<i>Green talk on Rain Water Harvesting</i>	<i>Jaipee University, Solan, Himachal Pradesh</i>
16.	<i>K.Keerthi</i>	<i>24-11-2022</i>	<i>Green talk on Rain Water Harvesting</i>	<i>Jaipee University, Solan, Himachal Pradesh</i>
17.	<i>Reena Rana</i>	<i>24-11-2022</i>	<i>Green talk on Rain Water Harvesting</i>	<i>Jaipee University, Solan, Himachal Pradesh</i>
18.	<i>V Navaneetha</i>	<i>24-11-2022 to 29-11-2022</i>	<i>Applications of Artificial Intelligence & Machine Learning in Civil Engineering</i>	<i>IIC & IEI</i>
19.	<i>V.Abdul Raffi</i>	<i>26-11-2022</i>	<i>Reinforced concrete piled wall retention systems for deep excavations in urban areas</i>	<i>ICI Hyderabad centre</i>
20.	<i>Dr. K. SriLakshmi</i>	<i>28-11-2022 to 04-12-2022</i>	<i>Publications, Projects and Patents (PPP-2K22)</i>	<i>CVR college of Engineering</i>
21.	<i>Dr.N.Mahendra</i>	<i>22-12-2022 to 24-12-2022</i>	<i>Petrographic features of Granitic Rocks</i>	<i>Conference</i>
22.	<i>N Kranthi Kumar</i>	<i>26-12-2022 to 30-12-2022</i>	<i>Course on Commentary for Code on Ductility Design and Detailing of RC structures</i>	<i>NITTTR Kolkatta</i>

V. Expert lectures / Workshops / Field visits organized by the department

S. No	Name of the Resource person	Designation and Organization	Date organized	Topic covered	Activity
1	Dr.N R Dakshina Murthy	Associate Professor,CBIT,Hyderabad.	26-08-2022	NDT and Structural Rehabilitation Case studies	Expert Lecture
2	Mr. Gladvin	Trainer, Nilaya Architects,Structural consultant& construction	04.07.2022-14.07.2022	Revit Architecture	Training Program
3	Mr.S.Mani Mohan Trinath	Managing Director, ACE Academy	30.08.2022	How to crack ESE/ GATE/PSUs in First Attempt?	Expert Lecture
4	Er. S. B. Shankar Rao	Retired Sp. Engineer	15.09.2022	Role of a Civil Engineer in the world	Expert Lecture
5	Ch Ravi Kumar	Senior Consultant, National Academy for Construction	21.10.2022	Opportunities for Civil Engineering Students	Student Development Program

6.Quiz Competition on “A National Online Quiz on Entrepreneurial Competence of 75 years of free India,”

Dated: 13/08/2022

The Indian National Flag is a symbol of national pride. To further honor our flag, the department of Civil engineering decided to conduct an online national quiz under Azadi Ka Amrit Mahotsav that has approved the program of ‘Har Ghar Tiranga’. The idea behind the initiative is to invoke the feeling of patriotism in the hearts of the students and promote awareness about our national flag. In this context, the department of civil engineering in collaboration with Institutions Innovation Council (IIC) organized a National Quiz and invited all college students to participate in the quiz.

The Quiz was unique in itself because it was held on virtual platform. The Rules and regulations of the quiz were shared to the students during registration. And on later stage they were also informed to students on whatsapp platform. We had 70 students from 19 different colleges throughout India who have enthusiastically participated in the quiz. It was organized by Dr. K. SriLakshmi and Reena Rana.



Geethanjali College of Engineering and Technology

(UGC Autonomous Institution Accredited by NBA & NAAC,
Permanently Affiliated to JNTUH, ISO 9001:2015 certified)
Cheeryal (V), Keesara (M), Medchal. Dist. 501301

Department of Civil Engineering, in collaboration with Institution's Innovation Council of GCET
Results

An online Quiz Competition on "Entrepreneurial competence of 75 years of free India"

1st : Yellavula Sreeya Reddy, Matrusri engineering college (Hyd)

2nd: Mamilla Rithika, Geethanjali college of engineering and technology (Hyd)

3rd : Nidhi Singh Thakur, Guru nanak dev engineering college (Hyderabad)

Consolation Prizes
Kallem Preetham Reddy, Geethanjali college of engineering and technology (Hyderabad)
Amzadpasha. C, Sir M Vishveshvariya institute of Technology (MVIT), (Hyderabad)
Vaishnavi Agarwal, College of engineering, (Roorkee)
Sania Begum, Geethanjali college of engineering and technology (Hyderabad)
D. Sai Bhavani, Geethanjali college of engineering and technology (Hyderabad)

Quiz Organizers:

Dr. K. SriLakshmi & Reena Rana, Department of Civil Engineering



Few snapshots of Training Programs

7. Industrial visit at “Emergency Steel Staircase-Block 3 -GCET”

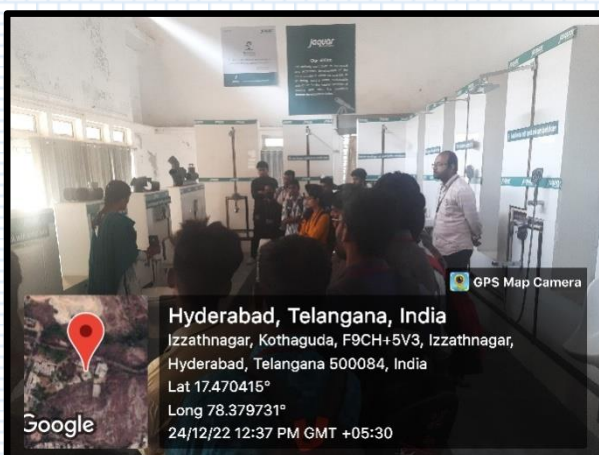
All the B. Tech IV Year students of Civil Engineering were taken to visit the Emergency Steel Staircase at Block-III of GCET on 10th August 2022. Mr.G.Sampath Kumar and Ms.V.Navaneetha ,faculty of Civil Engineering department have accompanied the students for the visit. Students are exposed to understand the importance of rolled steel sections, its connections like welding, bolting and its structural design aspects adopted as per different loading conditions.



A few snap shots during the visit

8. Industrial visit at “National Academy of Construction-Hitech City”

A group of B. Tech II- Year students were taken to National Academy of Construction on 24th December 2022, as part of Curriculum. Students were accompanied by three faculty members. The team of NAC gave a power point presentation on various training programs conducted by the organization. A demonstration on various construction techniques was also given such as Scaffolding, Welding, Plumbing services, prefabricated materials used in industry, Brick masonry, Painting, Electrical wiring, Bar bending schedule etc. Mr. G. Raju, Mr. G. Sampath Kumar and Ms. Reena Rana faculty of Civil Engineering department have accompanied the students for the visit. The visit was highly informative and useful to all the students and the faculty as they got exposed to the practical aspects of construction.



A few snap shots during the visit

VI. Placements (2018-2022 Batch)

S. No.	ROLL NUMBER	NAME OF THE STUDENT	EMPLOYEE NAME	SALARY (LPA)
1	18R11A0102	AKELLA.N S V S L KRISHNAJA	SAVANTIES	3.50LPA
			VERZEO	3.50LPA
			INTELLICARTS INFOSOLUTIONS	2.40LPA
			Smart IMS	4.19LPA
2	18R11A0110	C VENKATA SRI DIKSHITA	RIDH CONSTRUCTIONS	2.00LPA
			MILEKAL STEELS	3.50LPA
3	18R11A0112	CHENNABOINA RAKESH	RIDH CONSTRUCTIONS	2.00LPA
4	18R11A0113	CHILUGURAJU JAY SHREE	WIPRO NLTH	3.60LPA
5	18R11A0114	D G HARIKA	RIDH CONSTRUCTIONS	2.00LPA
6	18R11A0115	DAMALLA UDAYASRI	TCS NINJA	3.36LPA
			RIDH CONSTRUCTIONS	2.00LPA
7	18R11A0118	ENUGULA SAIRAM	COGNIZANT (GEC C)	4.00LPA
8	18R11A0119	GADIPALLY SHRUTHI	COGNIZANT (GEC C)	4.00LPA
			WIPRO NLTH	3.60LPA
			TCS NINJA	3.36LPA
9	18R11A0120	GOKAVARAPU SAI HANISHA	ACUVATE SOFTWARE PVT LTD	3.60LPA
			SAVANTIES	3.50LPA
			RIDH CONSTRUCTIONS	2.00LPA
10	18R11A0121	GUMMADAVELLI SNEHA	SAVANTIES	3.50LPA
11	18R11A0123	KONKATI AJAY KUMAR	INTELLICARTS INFOSOLUTIONS	2.40LPA
			COGENT	2.16LPA
12	18R11A0125	KARLAPALEM SHARMADA	COGNIZANT (GEC C)	4.00LPA
13	18R11A0127	KATAKAM SHIVANI	COGNIZANT (GEC C)	4.00LPA
			Smart IMS	4.19LPA
14	18R11A0128	SATISH KATIKA	COGENT	2.16LPA
15	18R11A0129	PRATHAM KHILLARE	COGENT	2.16LPA
16	18R11A0132	LYAGALA VASANTH	SAVANTIES	3.50LPA
17	18R11A0133	M. NARASIMHARAO	COGENT	2.16LPA
18	18R11A0137	MONABOTI NEELIMA	SAVANTIES	3.50LPA
			RIDH CONSTRUCTIONS	2.00LPA
			Milekal Engineering Pvt Ltd	3.3 to 3.9 LPA
			Smart IMS	4.19LPA
19	18R11A0139	M PAVAN YADAV	COGENT	2.16LPA
20	18R11A0145	RAPOLU KARTHIK REDDY	BYJUS	10.0LPA
21	18R11A0147	RAMIDI SNIGDHA	SAVANTIES	3.50LPA
			RIDH CONSTRUCTIONS	2.00LPA

			<i>INTELLICARTS INFOSOLUTIONS</i>	<i>2.40LPA</i>
22	18R11A0156	<i>U HARSHA</i>	<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
23	18R11A0159	<i>YELLU SRI CHARAN REDDY</i>	<i>INTELLICARTS INFOSOLUTIONS</i>	<i>2.40LPA</i>
24	18R11A0166	<i>BACHA AKHILA</i>	<i>COGNIZANT (GEC C)</i>	<i>4.00LPA</i>
			<i>WIPRO TALENT NEXT</i>	<i>3.60LPA</i>
25	18R11A0172	<i>DOMATHOTI CELINA GRACE HARRISON</i>	<i>INTELLICARTS INFOSOLUTIONS</i>	<i>2.40LPA</i>
26	18R11A0173	<i>DONTHULA NITHIN</i>	<i>COGNIZANT (GEC C)</i>	<i>4.00LPA</i>
			<i>WIPRO NLTH</i>	<i>3.60LPA</i>
27	18R11A0175	<i>GATTU SUMANTH GOUD</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
28	18R11A0179	<i>GUNDEMAINA NAVEEN</i>	<i>COGENT</i>	<i>2.16LPA</i>
29	18R11A0180	<i>HANUMANDLA MANI MOHITH</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
30	18R11A0182	<i>KADARI MAHESH</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
31	18R11A0187	<i>KORMATHA ANISH</i>	<i>TCS NINJA</i>	<i>3.36LPA</i>
32	18R11A0194	<i>MAREDUKONDA SAI KARTHIKA</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
33	18R11A0197	<i>MEKALA VARSHA</i>	<i>COGNIZANT (GEC C)</i>	<i>4.00LPA</i>
			<i>TCS NINJA</i>	<i>3.36LPA</i>
34	18R11A01A6	<i>PARANKUSHAM YESHWANTH</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
35	18R11A01A8	<i>PENDLI CHANDANA</i>	<i>WIPRO NLTH</i>	<i>3.60LPA</i>
36	18R11A01A9	<i>PERUMANDLA VINAY BHARGAV</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
			<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
37	18R11A01B1	<i>S SAI ROOPA</i>	<i>COGNIZANT (GEC C)</i>	<i>4.00LPA</i>
			<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
			<i>WIPRO TALENT NEXT</i>	<i>3.60LPA</i>
38	18R11A01B6	<i>VISIKE REDDY</i>	<i>WIPRO</i>	<i>3.50LPA</i>
39	18R11A01B7	<i>YARANAGULA MAHENDAR</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
40	19R15A0102	<i>AMBATI JAGRUTHI</i>	<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
41	19R15A0104	<i>GOURRAJU SURESH</i>	<i>SAVANTIES</i>	<i>3.50LPA</i>
			<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
			<i>INTELLICARTS INFOSOLUTIONS</i>	<i>2.40LPA</i>
42	19R15A0105	<i>ENTHALA HARSHA VARDHAN REDDY</i>	<i>COGNIZANT (GEC C)</i>	<i>4.00LPA</i>
43	19R15A0107	<i>GOVINDHU SHILPA</i>	<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
			<i>COGNIZANT (GEC C)</i>	<i>4.00LPA</i>
44	19R15A0108	<i>GUDLA VYSHNAVI</i>	<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
45	19R15A0110	<i>BAIRI PRUDVIRAJ</i>	<i>MILEKAL STEELS</i>	<i>3.50LPA</i>
46	19R15A0111	<i>RAMAVATH VINOD KUMAR</i>	<i>RIDH CONSTRUCTIONS</i>	<i>2.00LPA</i>
			<i>INTELLICARTS INFOSOLUTIONS</i>	<i>2.40LPA</i>

