



Newsletter: Volume 9, Issue 2
PRAGATHI: January-June 2025

GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

Accredited by NAAC with A⁺ Grade; B.Tech. CSE, EEE, ECE accredited by NBA
Sy. No: 33 & 34, Cheeryal (V), Keesara (M), Medchal District, Telangana – 501301

PRAGATHI

DEPARTMENT OF CIVIL ENGINEERING

What's inside?

- I. *Vision, Mission, PEO's and PSO's of the Department*
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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

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.

2. Faculty Development Program on “Digital Civil Engineering: AI and Emerging Technologies for Infrastructure Innovation” on 23rd June 2025 to 27th June 2025

The Faculty Development Program on “Digital Civil Engineering: AI and Emerging Technologies for Infrastructure Innovation” aimed to bridge the gap between conventional Civil Engineering practices and emerging digital technologies.

The program provided insights into AI, ML, IoT, BIM, and digital twin applications in infrastructure design, monitoring, and management. Participants gained awareness of how these technologies can improve efficiency, safety, and sustainability in civil engineering projects.

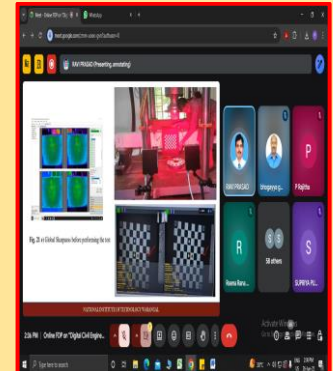
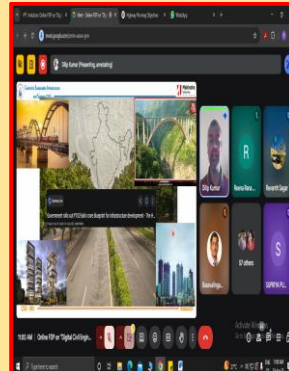
It also encouraged interdisciplinary learning, promoting collaboration between civil engineering and computer science. Faculty members were equipped with the skills to integrate these advancements into teaching, research, and consultancy.

Overall, the FDP enhanced digital competency among faculty and supported the advancement of future-ready Civil Engineering education.

Key Highlights:

- Covered AI, ML, IoT, BIM, and Digital Twin applications in civil engineering
- Expert talks from leading academicians and industry professionals
- Real-time case studies on smart infrastructure and monitoring
- Focus on interdisciplinary learning and research

*120 faculty members have participated from various universities and reputed colleges.



V. Expert lectures organized

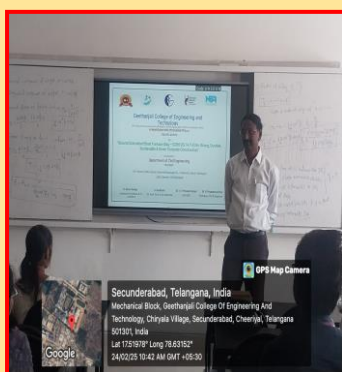
1. An Expert lecture on “*The future of smart transportation*” was organized by the department of Civil Engineering for all B. Tech (CE) II and III year students on February 05, 2025. The resource person was the Dr. Y. Jahnavi, Associate Professor., Mahindra Ecole University. Mr. D. Varun Kumar was the coordinator for this lecture.



2. An Expert lecture on “**Construction Practice in field**” was organized by the department of Civil Engineering for all B. Tech (CE) II and III year students on February 15, 2025. The resource person was the Mr. D. Ramachander, Manager, Sri Ramachandra Developers Pvt. Ltd. Mr. G.Raju was the coordinator for this lecture.



3. An Expert lecture on “**GGBS for strong, durable, sustainable and green concrete construction**” was organized by the department of Civil Engineering for all B. Tech (CE) II and III year students on February 24, 2025. The resource person was the 1. Mr. Soma Venkat and 2. Mr. J. Narendra, Manager, JSW cements. Mr. D. Varun Kumar was the coordinator for this lecture.



4. An Expert lecture on “**Construction materials and their role in sustainability**” was organized by the department of Civil Engineering for all B. Tech (CE) II and III year students on May 05, 2025. The resource person was the Dr. Kannam Praveen, Assistant Professor, REVA University. Mr. D. Varun Kumar was the coordinator for this lecture.



5. An Expert lecture on “**Career Development**” was organized by the department of Civil Engineering for all B. Tech (CE) II and III year students on January 29, 2025. The resource person was the Ms. Rajini Kandapa, Retd Scientist, Bureau of Indian Standards. Mr. D. Varun Kumar was the coordinator for this lecture.

VI. Student participation/ achievements

S. No	Title of the Event	Name(s) of students	Roll Number	Prize won	Date(s) of the event	Name of the event and organized by
1.	Tech Samprathi 2025- Caddathon	P. Sravani	23R15A0110	I	19.02.2025	Nalla Narasimha Reddy Group of Institutions
2.	Tech Samprathi 2025- Caddathon	T. Manasa	23R15A0117	Participated	19.02.2025	Nalla Narasimha Reddy Group of Institutions
3.	Tech Samprathi 2025- Caddathon	MD. Hassain	23R15A0109	Participated	19.02.2025	Nalla Narasimha Reddy Group of Institutions
4.	Tech Samprathi 2025- Caddathon	S. Pradeep	23R15A0105	Participated	19.02.2025	Nalla Narasimha Reddy Group of Institutions
5.	Tech Samprathi 2025- Technical Quiz	S. Sai Charan	23R15A0115	II	20.02.2025	Nalla Narasimha Reddy Group of Institutions
6.		Ankith. M	23R15A0101			
7.		S. Vyshnavi	23R15A0114			
8.	Udbhav 2025- Caddathon	T. Manasa	23R15A0117	I	21.02.2025	Vidya Jyothi Institute of Technology
9.	Udbhav 2025- Caddathon	P. Sravani	23R15A0110	III	21.02.2025	Vidya Jyothi Institute of Technology
10.	Udbhav 2025- Quantity Survey	P. Sravani	23R15A0110	Participated	21.02.2025	Vidya Jyothi Institute of Technology
11.	Sudhee 2025- Cadd	T. Manasa	23R15A0117	I	04.03.2025	CBIT
12.	Sudhee 2025- Quiz	Ankith. M	23R15A0101	Participated	05.03.2025	CBIT
13.		P. Sravani	23R15A0110			
14.		S. Sai Charan	23R15A0115			
15.	Sudhee 2025- Quiz	T. Manasa	23R15A0117	Participated	05.03.2025	CBIT
16.		Azubha	23R15A0104			
17.		S. Pradeep	23R15A0105			
18.	NIRMAAN'25- Quiz	P. Sravani	23R15A0110	Participated	22.03.2025	Osmania University
19.		T. Manasa	23R15A0117			
20.		S. Vyshnavi	23R15A0114			
21.	NIRMAAN'25- Quiz	P. Samatha	23R15A0111	Participated	22.03.2025	Osmania University
22.		Azubha	23R15A0104			
23.		S. Pradeep	23R15A0105			
24.	NIRMAAN'25- Quiz	S. Sai Charan	23R15A0115	Participated	22.03.2025	Osmania University
25.		Ankith. M	23R15A0101			
26.		P. Manasa	23R15A0112			
27.	Surveying	D. Raju	24R15A0102	I	03.04.2025	CMRCET
28.		P. Rajinikar	24R15A0109			
29.	Quiz	P. Rajinikar	24R15A0109	II	03.04.2025	CMRCET
30.		K. Pradeep	24R15A0105			
31.	Udbhav 2025- C- Quiz	T. Giridhar Guptha	24R15A0111	II	21.02.2025	Vidya Jyothi Institute of Technology
32.		P. Navaneeth	24R15A0108			
33.	Udbhav 2025- Cadathon	CH. Ajay Kumar	24R15A0101	Participated	22.02.2025	Vidya Jyothi Institute of Technology

34.	Udbhav 2025- Bridge Mockup	P. Rajinikar	24R15A0109	II	22.02.2025	Vidya Jyothi Institute of Technology
35.		CH. Ajay Kumar	24R15A0101			
36.		P. Navaneeth	24R15A0108			
37.	NIRMAAN'25- Quiz	P. Navaneeth	24R15A0108	Participated	22.03.2025	Osmania University
38.		T. Giridhar Guptha	24R15A0111			
39.	NIRMAAN'25- Word Puzzle	P. Navaneeth	24R15A0108	Participated	22.03.2025	Osmania University
40.		T. Giridhar Guptha	24R15A0111			
41.	Bhaswara2025- Paper presentation	Sai Pradeep	23R15A0105	Participated	15.04.2025	GCET
42.	Bhaswara2025- Poster presentation	P Samatha	24R15A0111	I	15.04.2025	GCET
43.	Bhaswara2025- Poster presentation	P Arthika	23R11A0102	II	15.04.2025	GCET
44.	Bhaswara2025- Poster presentation	A Niharika	23R15A0102	II	15.04.2025	GCET

VII. FDP's/Workshops/Webinars participated by faculty

S. No	Name of the Faculty	Nature of the Programme	Title of the Programme	Duration	Organized by the Institute
1.	Reena Rana	ATAL - One week FDP	Earthwise-Transforming Climate Action & Sustainability for better tomorrow	10-02-2025 to 15-02-2025	NIT, Rourkela
2.	D. Varun Kumar	One week FDP	Structural and Geotechnical Innovations: New Insights and Techniques in World Research	20-01-2025 to 25-01-2025	SRR Engineering College(A) in association with NIT,Warangal
3.	G. Raju	ATAL - One week FDP	Sustainable Civil Engineering Construction Materials In Infrastructure And Industry	06-01-2025 to 11-01-2025	NIT, Raipur
4.	P. Supriya	ATAL - One week FDP	Sustainable Civil Engineering Construction Materials In Infrastructure And Industry	06-01-2025 to 11-01-2025	NIT, Raipur
5.	G. Vimala	ATAL - One week FDP	Sustainable Civil Engineering Construction Materials In Infrastructure And Industry	06-01-2025 to 11-01-2025	NIT, Raipur
6.	P. Supriya	ATAL - One week FDP	Earthwise-Transforming Climate Action & Sustainability for better tomorrow	10/02/2025 to 15/02/2025.	NIT, Rourkela
7.	P. Supriya	2 Weeks FDP	Structural Analysis & Design using STAAD Pro.	17.03.2025 to 31.05.2025	SkillDzire in Collaboration with AICTE
8.	P. Supriya	1 Month FDP	Revit Architecture	01.06.2024 to 01.07.2024	SkillDzire in Collaboration with AICTE
9.	G. Raju	2 Weeks FDP	Data Science	17.03.2025 to 31.05.2025	SkillDzire in Collaboration with AICTE
10.	Dr. V. V. Praveen Kumar	5-Day FDP	Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation	23.06.2025 to 27.06.2025	GCET

11.	<i>Dr. R. Prasanna Kumar</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
12.	<i>Dr. P.V. S. N. Pavan Kumar</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
13.	<i>V. Goutham</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
14.	<i>D. Varun Kumar</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
15.	<i>V. Navaneetha</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
16.	<i>M. Srujan Kumar</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
17.	<i>P. Supriya</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
18.	<i>G. Sampath Kumar</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
19.	<i>G. Raju</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
20.	<i>N. Srikanth</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
21.	<i>J. Shravani</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
22.	<i>Dr. N. Mahendra</i>	<i>5-Day FDP</i>	<i>Digital Civil Engineering: AI and Emerging Technologies For Infrastructure Innovation</i>	<i>23.06.2025 to 27.06.2025</i>	<i>GCET</i>
23.	<i>Dr. V. V. Praveen Kumar</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
24.	<i>Dr. R. Prasanna Kumar</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
25.	<i>Dr. P.V. S. N. Pavan Kumar</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
26.	<i>V. Goutham</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
27.	<i>D. Varun Kumar</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
28.	<i>V. Navaneetha</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
29.	<i>M. Srujan Kumar</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
30.	<i>P. Supriya</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
31.	<i>G. Sampath Kumar</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>
32.	<i>G. Raju</i>	<i>5-Day FDP</i>	<i>Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions</i>	<i>28.04.2025 to 02.05.2025</i>	<i>GCET</i>

33.	N. Srikanth	5-Day FDP	Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions	28.04.2025 to 02.05.2025	GCET
34.	G. Vimala	5-Day FDP	Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions	28.04.2025 to 02.05.2025	GCET
34.	J. Shravani	5-Day FDP	Renewable Energy Integration in Civil Infrastructure: Innovations and Sustainable Solutions	28.04.2025 to 02.05.2025	GCET
35.	Dr. R. Prasanna Kumar	10 Days	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	19.05.2025 to 28.05.2025	Coimbatore Institute of Technology
36.	P. Supriya	10 Days	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	02.06.2025 to 13.06.2025	UGC-MMTTC, University of Kerala
37.	G. Raju	10 Days	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	17.06.2025 to 27.06.2025	UGC-MMTTC, University of Kerala
38.	G. Sampath	10 Days	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	17.06.2025 to 27.06.2025	UGC-MMTTC, University of Kerala
39.	V. Navaneetha	10 Days	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	17.06.2025 to 27.06.2025	UGC-MMTTC, University of Kerala
40.	Dr. N. Mahendra	10 Days	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	17.06.2025 to 27.06.2025	UGC-MMTTC, University of Kerala
41.	V. Goutham	10 Days	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP)	17.06.2025 to 27.06.2025	UGC-MMTTC, University of Kerala

VIII. Field visits

i. Visited to "Sree Ramachandra Constructions & Developers", Shameerpet, Hyderabad on 15.02.2025.

An industrial site visit was arranged for II-II and III-II Civil Engineering students to Sree Ramachandra Constructions and Developers, Shamirpet, where Mr. D. Ramachander, an experienced Engineer and Contractor, guided the session. The visit offered students practical exposure to various construction practices, materials, and technologies used in real-time residential projects. Mr. Ramachander provided a comprehensive overview of the planning, execution, and management involved in villa construction. Students gained insights into different foundation systems like raft and pile foundations, wall construction using high-quality bricks and cement, RCC roofing techniques for structural stability, and detailed finishing works such as plastering, tiling, and flooring. The importance of quality assurance and adherence to safety standards on-site was emphasized throughout the visit. Students also learned about advanced and sustainable construction methods, as well as aspects of project management and architectural and structural design. A total of 36 students participated in this educational visit, accompanied by two teaching faculty members, Mr. G. Sampath Kumar and Ms. J. Shravani, Assistant Professors from the Civil Engineering Department.



ii. Visited to "JSW Cements- RMC Plant", Patancheru, Hyderabad on 24.02.2025.

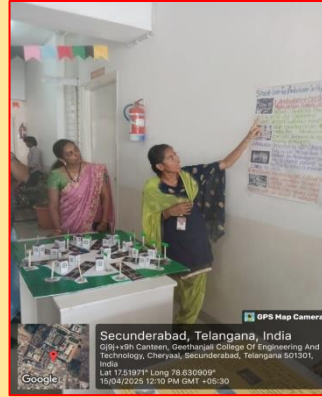
An industrial visit was organized for II-II and III-II Civil Engineering students to JSW CEMENTS (RMC), Patancheruvu, where Mr. N. Narender, RMC Plant Manager, served as the expert speaker. With extensive experience in ready-mix concrete operations, Mr. Narender provided valuable insights into the functioning of the RMC plant. The visit aimed to bridge the gap between theoretical concepts and real-world applications. Students observed the entire cement production process—from raw materials like limestone, clay, and gypsum to the final product—while gaining knowledge of crucial quality control procedures such as fineness and compressive strength tests for cement, and moisture content and grading analysis for aggregates. A key highlight was the demonstration of the batching plant, where students learned how materials are precisely measured and uniformly mixed using advanced automation techniques to ensure consistent concrete quality. The session also emphasized environmental and safety practices adopted by the plant, including waste management, dust control, and energy efficiency. A total of 40 students participated in the visit, accompanied by two faculty members, Mr. G. Sampath Kumar and Ms. V. Navaneetha, both Assistant Professors in the Civil Engineering Department.



IX. Technical Events: --- Bhaswara 2025

The National Level Technical and Management fest was held on 15-04-2025 and 16-04-2025. The department of Civil Engineering has organized six events. The particulars of event are indicted below.

S. No	Name of the event	Student coordinators	Faculty coordinators	Number of participants/Teams
1	<i>Paper presentation</i>	1.P. Samatha 2. T. Vamshi	1.V. Goutham 2.Dr. N. Mahendra	6
2	<i>Poster presentation</i>	1. J. Ashwitha 2. D. Laxmi	1. M. Srujan Kumar 2. Dr. P.V.S.N. Pavan Kumar	6
3	<i>Project - Expo</i>	1. B. Azubha 2. T. Manoj	1. P. Supriya 2. D. Varun Kumar	10
4	<i>Draft - Right</i>	1. P. Manasa 2. Raju	1. G. Vimala 2. N. Srikanth	7
5	<i>The Great Search</i>	1. T. Manasa 2. B. Cheritha	1. V. Navaneetha 2. G. Sampath Kumar	12
6	<i>Brain busters</i>	1. S. Vyshnavi 2. P. Arthika	1. P. Supriya 2. G. Raju	14



X. Placements (2021-2025 Batch)

S. No	Roll number	Name of the student	No. of offers	Name of the Company	Package
1	21R11A0101	Alluri Uttej Vadan	1	1. Thermopads	3.2 LPA
2	21R11A0102	Angadi Praveen	9	1. Inspire Leap 2. Procmart 3. MRF 4. Thermopads 5. Skill Intern 6. Knacktech 7. Teachnook 8. TVS Sundaram 9. Growth Arrow LTD	6 LPA 3.5 LPA 2.5 LPA 3.2 LPA 5.2 LPA 3 LPA 3 LPA 2.4 LPA 5 LPA
3	21R11A0103	B N Sai Santosh	1	MRF	2.5 LPA
4	21R11A0104	Babburi Pranay	1	SLN Buildcon	2.16LPA
5	21R11A0106	Bhukya Rajashekar	1	SLN Buildcon	2.16LPA
6	21R11A0107	Boda Rajesh Nayak	1	Skill Intern	5.2 LPA
7	21R11A0111	Dharavath Venkat	6	1. Procmart 2. FLU Edtech Pvt Ltd 3. Talent Trek E Learning Pvt Ltd 4. Growth Arrow LTD 5. SLN Buildcon 6. MEIL	3.5 LPA 4 LPA 4 LAP 5 LPA 2.16LPA 3LPA
8	21R11A0116	Madde Chandra Shekar	2	1. TVS Sundaram 2. Skill Intern	2.4 LPA 5.2 LPA
9	21R11A0118	N. Komal Nageshwarrao	1	MGH Infra Pvt Ltd	6 LPA
10	22R15A0101	Akkenapally Shreya	1	Shahgaron : Oracle ERP Solution	1.8 LPA
11	22R15A0102	A.Peddolla Mavitha	3	1. Ctrl S - Data Centers India LTD	4.0 LPA

				2. Skill Intern	5.2 LPA
				3. Shahgaron : Oracle ERP Solution	1.8 LPA
12	22R15A0103	B Naveen Kumar	2	1. Shahgaron : Oracle ERP Solution	1.8 LPA
				2. SLN Buildcon	2.16LPA
13	22R15A0105	Bokka Dhana Shekar	1	Skill Intern	5.2 LPA
14	22R15A0106	Dappu Muralidharan	1	MEIL	3LPA
15	22R15A0107	Dastagiri Nithin Kumar	3	1. MGH Infra Pvt Ltd	6 LPA
				2. Shahgaron : Oracle ERP Solution	1.8 LPA
				3. MEIL	3LPA
16	22R15A0108	K. Shiva Kumar	4	1. Growth Arrow LTD	5 LPA
				2. Nglome	2.16 LPA
				3. Thermopads	3.2 LPA
				4. SLN Buildcon	2.16LPA
17	22R15A0109	Kodam Nikhil	3	1. Shahgaron : Oracle ERP Solution	1.8 LPA
				2. MGH Infra Pvt Ltd	6 LPA
				3. Kalpataru	4.5LPA
18	22R15A0110	Koneti Ephraim	1	MEIL	3LPA
19	22R15A0111	Koppula Pavan Kumar	1	KI TECH LTD	5.20 LPA
20	22R15A0112	Kunta Ganesh	1	Kalpataru	4.5LPA
21	22R15A0114	M. Kushalatha	2	1. Launched	5 LPA
				2. Nglome	2.16 LPA
22	22R15A0115	Porika Bhavana	3	1. Nglome	2.16 LPA
				2. Intelipaats Solutions	9 LPA
				3. Launched	5 LPA
23	22R15A0116	Pudari Harikrishna	2	1. SLN Buildcon	2.16LPA
				2. MEIL	3LPA
24	22R15A0117	Ragula Hemanth	1	SLN Buildcon	2.16LPA
25	22R15A0118	R Praveen Kumar	1	Kalpataru	4.5LPA
26	22R15A0120	Viswakarma Dheeraj	2	1. Shahgaron : Oracle ERP Solution	1.8 LPA
				2. MEIL	3.0LPA
27	22R15A0121	Voggu Praveen	1	SLN Buildcon	2.16LPA
28	22R15A0122	Inampudi Nagababu	1	SLN Buildcon	2.16LPA

XI. NSS Activities participated (College level)

S.No	Date of the Activity From	Name of the Activity	Organized by College/University	Number of Students participated	Number of Faculty participated
1.	24-01-2025	Village survey for Vocational Training Programs	Geethanjali College of Engineering and Technology of NSS Unit	6	1
2.	25-01-2025	15th National Voter Day Celebrations 2025 at GHMC, Liberty Cross Roads, Hyderabad	Geethanjali College of Engineering and Technology of NSS Unit	25	2
3.	01-02-2025	Visit to Bhoodan, Pochampally	Geethanjali College of Engineering and Technology of NSS Unit	35	4

Chenab Bridge: An Engineering Marvel in the Himalayas

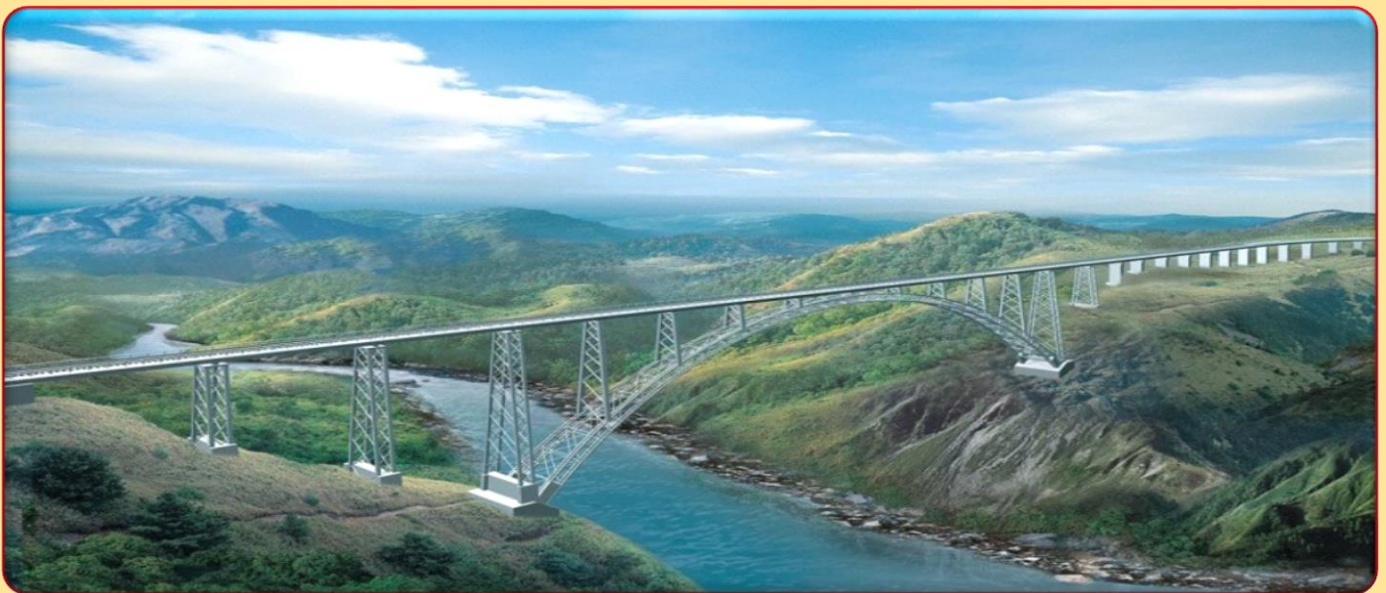
India has set a remarkable benchmark in Civil Engineering with the completion of the **Chenab Bridge**, the world's highest railway arch bridge. Located in the Reasi district of **Jammu and Kashmir**, the bridge spans the **Chenab River**, connecting the remote regions of the valley to the rest of the country through the **Udhampur-Srinagar-Baramulla Rail Link (USBRL)**.

With a **height of 359 meters** above the riverbed, the Chenab Bridge surpasses the height of the Eiffel Tower by about 35 meters, making it the tallest railway bridge on the planet. The total length of the bridge is **1,315 meters**, and its most striking feature is the **arch span of 467 meters**, constructed using high-strength steel. The bridge has been designed to endure extreme conditions, including **earthquakes (Zone V)**, **high-velocity winds up to 266 km/h**, and even **explosive blasts**, ensuring the safety and longevity of the structure for over a century.

The construction began in 2004 and was completed in 2022, with trial runs initiated in 2023. Built by **Afcons Infrastructure**, a subsidiary of the Shapoorji Pallonji Group, the project overcame numerous challenges, including harsh terrain, geological complexities, and unpredictable weather conditions. Innovative technologies, such as the use of cable cranes for arch construction and real-time health monitoring systems, were employed to ensure precision and safety during construction.

Beyond its engineering excellence, the Chenab Bridge holds immense strategic and socio-economic importance. It not only enhances **connectivity and transportation** in the mountainous region but also boosts **tourism, trade, and defense logistics**. The bridge is expected to play a vital role in integrating the Kashmir Valley with the national mainstream, thereby contributing to the region's development and stability.

The Chenab Bridge stands today not just as a feat of structural design, but as a **symbol of India's engineering capabilities and determination** to bridge geographical and developmental gaps.



Periodical Editions

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NIRMAAN (JUN 2016 – NOV 2016) NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING
Message from Head of the Department (HOD)

It has been a great pleasure bringing out our newsletter "NIRMAAN" for the first time since the inception of the department in 2014-15. By virtue of its nature a civil engineering course equips the students with several highly desirable qualities and skills which make them employable. However, in the contemporary highly competitive scenario, specialized training in emerging technologies of the major civil engineering disciplines based on the needs of the industry has become an essential co-curricular activity. Apart from this, students should be equipped with the required soft skills and interpersonal skills. The ultimate goal of the present time is to inculcate an attitude of professionalism in the students and infuse in them a desire to learn further thus encouraging a life-long learning process in their minds.

With this note we bring you our Newsletter NIRMAAN!!!

Editorial Board:
Mr. P. Prasanna Kumar
M. D. Engineering
C.E.D.

Volume 1, Issue 1

Geethanjali College of Engineering and Technology
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NIRMAAN (DEC 2016 – MAY 2017) NEWSLETTER

DEPARTMENT OF CIVIL ENGINEERING
Message from Head of the Department (HOD)

It has been a great pleasure bringing out our newsletter "NIRMAAN" every semester and your feedback is very encouraging and helping us in contributing this tradition. Always academicians have taken the front seat in the semester. By virtue of its nature a civil engineering course equips the students with several highly desirable qualities and skills which make them employable. However, in the contemporary highly competitive scenario, specialized training in emerging technologies of all the major civil engineering disciplines based on the needs of the industry has become an essential co-curricular activity. Apart from this, students should be equipped with the required soft skills and interpersonal skills. The ultimate goal of the present time is to inculcate an attitude of professionalism in the students and infuse in them a desire to learn further thus encouraging a life-long learning process in their minds.

With this note we bring you our Newsletter NIRMAAN!!!

Editorial Board:
Mr. P. Prasanna Kumar
M. D. Engineering
C.E.D.

Volume 1, Issue 2

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DEPARTMENT OF CIVIL ENGINEERING

NEWSLETTER
Volume 1, Issue 1, FEB - DECEMBER 2017

Chairman's Message
I congratulate the Department of Civil Engineering for publishing the newsletter which represents the focus on all activities that are being completed in the first part of Academic Year 2017-18. I shall also appreciate the students and faculty for their active participation and organization of these activities which impart critical skills. I wish the department all the best!

Principal's Message
I am very much pleased to know that Department of Civil Engineering, CEET is emerging with one more edition of newsletter. This serves as a great medium for students and staff to present their contributions and achievements. I hope all the students and staff members are participating with full enthusiasm in this regard. We feel proud to provide quality education by equipping our students with skills, confidence and a positive approach with all-around development. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

HOD's Message
It gives me a great pleasure to know that Department of Civil Engineering is emerging as a ready to publish the newsletter of the Department. This is in itself a commendable feat for the people of entire Department to showcase their skills further and bring laurels to the department by participating and conducting several professional activities. I appreciate the editorial team for the hard work that they have invested in retaining this Newsletter with a good look and great success all the students and faculty.

Editorial Board:
Mr. P. Prasanna Kumar
M. D. Engineering
C.E.D.

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DEPARTMENT OF CIVIL ENGINEERING

PRAGATHI
Volume 2, Issue 2, January – June 2018

Message from Head of the Department
I am very happy to bring out the first issue of Department Newsletter "PRAGATHI" in the year 2018. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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DEPARTMENT OF CIVIL ENGINEERING

PRAGATHI
Volume 3, Issue 1, July – December 2018

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I am very happy to bring out the second issue of Department Newsletter "PRAGATHI" in the year 2018. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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DEPARTMENT OF CIVIL ENGINEERING

PRAGATHI
Volume 4, Issue 1, July, December 2019

Message from Head of the Department
I am very happy to bring out the fourth issue of Department Newsletter "PRAGATHI" in the year 2019. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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PRAGATHI

Message from Head of the Department
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DEPARTMENT OF CIVIL ENGINEERING

PRAGATHI
Volume 5, Issue 1, Jan - June 2021

Message from Head of the Department
I am very happy to bring out the fifth issue of Department Newsletter "PRAGATHI" in the year 2021. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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DEPARTMENT OF CIVIL ENGINEERING

PRAGATHI
Volume 5, Issue 2, July - December 2021

Message from Head of the Department
I am very happy to bring out the fifth issue of Department Newsletter "PRAGATHI" in the year 2021. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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DEPARTMENT OF CIVIL ENGINEERING

PRAGATHI
Volume 6, Issue 1, July - December 2022

Message from Head of the Department
I am very happy to bring out the sixth issue of Department Newsletter "PRAGATHI" in the year 2022. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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DEPARTMENT OF CIVIL ENGINEERING

PRAGATHI
Volume 6, Issue 2, January to June 2022

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I am very happy to bring out the sixth issue of Department Newsletter "PRAGATHI" in the year 2022. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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Message from Head of the Department
I am very happy to bring out the seventh issue of Department Newsletter "PRAGATHI" in the year 2022. I am proud that my colleagues and students are making significant contributions for the growth of department. This newsletter will help us to bring our vision and mission into the spotlight of the college and students for their contribution in their activities. I wish all success and congratulate the DEO, staff and student members who have contributed valuable time and soul to their effort in completing this edition of department newsletter.

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