



ROHINI

COLLEGE OF ENGINEERING & TECHNOLOGY

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Recognized under Section 2(f) of University Grants Commission, UGC ACT 1956

(AUTONOMOUS)

DEPARTMENT OF CIVIL ENGINEERING

NEWSLETTER

CONTRACTOR'25



DEPARTMENT VISION

To be centre for quality education and research in diverse area of civil engineering, and provide service to nation in terms of nurturing Civil Engineers with a strong social commitment.

DEPARTMENT MISSION

M1: To nurture Civil Engineering professionals by providing strong fundamentals and technical skills in civil engineering through effective teaching - learning Methodologies.

M2: To articulate research learning by dissemination of diverse areas of civil engineering in practical applications and undertake professional consultancy services.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PE01: Graduates will demonstrate how to apply fundamental principles of civil engineering to solve engineering problems.

PE02: Graduates will work effectively as individuals and as part of interdisciplinary teams with a sense of social responsibility.

PE03: Graduates shall excel in recent advancements in industry and accomplish professional competence.

PROGRAM OUTCOMES

PO 1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2. Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.

PO 6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO 12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAMME SPECIFIC OUTCOMES(PSOs)

PSO1: Apply and develop basic concepts of civil engineering by inculcating the best practices for solving real time problem through feasible solution and to specialize in various academics

PSO2: Ability to provide interdisciplinary skill to meet the social needs through civil engineering and to develop successful professional career along with strong technical, communication and presentation skill.

PSO3: To apply experimental knowledge, analysis, interpretation of data and information to Civil Engineering problems.

<p>FOUNDER'S MESSAGE Shri.K.NEELA MARTHANDAN CHAIRMAN, RCET</p> <p><i>I am very glad to know that the students of the Department of CIVIL are bringing out a newsletter to throw light on the activities and achievements of their department. Such activities among the students will enhance their communication skills, technical skills, innovative thinking and knowledge as well. I congratulate the students of department of CIVIL for taking up this task and I wish all the students of CIVIL can have a great future which is ahead</i></p>	<p>PRO CHAIRMAN MESSAGE Dr.N.NEELA VISHNU MANAGING DIRECTOR ,RCET</p> <p><i>It is a great pleasure for me that our CIVIL Engineering department is releasing E- Newsletter "CONTRACTOR'25".As the Managing Director of Rohini College of Engineering and Technology, I feel proud about it. We have taken an oath that we will develop RCET to world class standard and provide an overall development to all the students.</i></p>
<p>Dr. V.M.BLESSY GEO.,MSC.,PH.D., MANAGING DIRECTOR, RCET</p> <p><i>It is a great pleasure for me that our CIVIL Engineering department is releasing E-Newsletter "CONTRACTOR'25".As the Managing Director of Rohini College of Engineering and Technology, I feel proud about it. We have taken an oath that we will develop RCET to world class standard and provide an overall development to all the students.</i></p>	<p>PRINCIPAL'S MESSAGE Dr.R.RAJESH, RCET</p> <p><i>It is my pleasure to congratulate the editorial board on this pleasant occasion of releasing the newsletter. It is great to find a considerable number of winners and participants in cocurricular and extracurricular activities which certainly prove that our staff and students are adequately equipped and possess necessary quality skill-sets to bring such laurels to the institution. I wish that this number may grow in the years to come.</i></p>
<p>Head of Department's Message Dr.J.Sahaya Ruben HOD /civil, RCET</p> <p><i>It gives me immense pleasure to note that response to this newsletter of our department has been overwhelming. The wide spectrum of articles in different sections gives me a sense of pride that our students and professors possess creative potential and original thinking in ample measures. Each article is entertaining, interesting and absorbing. I applaud the contributors for their stimulated thoughts and varied hues in articles contributed by them.</i></p>	<p>Editorial Message</p> <p><i>It is an occasion of immense pleasure for the Department of CIVIL Engineering to publish the E-Newsletter"CONTRACTOR'25".This newsletter is a digital way for us to communicate with our students, faculty members, alumni and industrial partners. This newsletter will provide a glimpse of the departmental activities and achievements.</i></p>

CONFERENCE DETAILS

ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY DEPARTMENT OF CIVIL ENGINEERING CONFERENCE DETAILS ACADEMIC YEAR CAY 2024-2025				
SL. No	Author	Title	Conference Name	Date of Conference
1	Dr. J. Sahaya Ruben	Cost Efficiency contrast between modular and traditional methods of construction	International Conference on advanced material science (ICAMS2K25)	09-05-2025
2	Dr. M. Tamil Selvi	Experimental study on composite beam shear resistance	12 th International conference on Engineering trends in Engineering and technology (ICETET'25)	04-04-2025 & 05-04-2025
		Utilizing the fill and draw activated sludge for the treatment of hypo sludge waste water	International conference on sustainable aspects in engineering, technology, management and science (ICASETMS)	22-05-25 & 23-05-2025
3	Dr. V. Jeyanthi Vineetha	Experimental investigation on bricks using coconut coir fibre	International conference on sustainable aspects in engineering, technology, management and science (ICASETMS)	22-05-25 & 23-05-2025
		Experimental Investigation of coarse aggregate partially replace with tile waste	International Conference on advanced material science (ICAMS2K25)	09-05-2025
4	Dr. N. Suthan Kumar	Improve the mechanical properties of self-compacting concrete with GFRP	International conference on sustainable aspects in engineering, technology, management and Science (ICASETMS)	22-05-25 & 23-05-2025
		Performance of concrete using lemon grass oil industry waste as a partial replacement of cement.	International Conference on advanced material science (ICAMS2K25)	09-05-2025

PATENT DETAILS

Name of the Author	Title of the Patent	Application number	Applied/Published (2025)
Dr. J. Sahaya Ruben Dr. M. Tamil Selvi	Device For Mixing Cement with Zeolite	423502-001	Published
Dr. M. Tamil Selvi	Robot For Construction Inspection and Land Mapping	448375-001	Published

FDP DETAILS

S.N	Name of the Faculty	FDP/STTP Topic	Date	Name of the College
01	Dr.J.SAHAYA RUBEN	Advanced Topics in Science and Technology of Concrete	Feb-Mar 2025 (4 weeks)	NPTEL Online Course
		Outcome Based Pedagogic Principles For Effective Teaching	Feb-Mar 2025 (4 weeks)	NPTEL Online Course
		Augmented Reality And Virtual Reality In Engineering Education	06.01.2025 to 11.01.2025	Rohini College Of Engineering And Technology.
		Advanced Technologies For Smart Power Systems	10.02.2025 to 15.02.2025	Noorul Islam Centre For Higher Education
02	Mr.K. AJAN	Sustainable Construction Technology	21.04.2025 to 26.04.2025	St. Xavier's Catholic College of engineering and technology
		Sustainable Infrastructure And Disaster Management : Pathways To A Resilient Future	17.02.2025 to 22.02.2025	Stella Mary's College of Engineering
		Leveraging AI For Efficient Thesis Writing	10.02.2025 To 14.02.2025	Anna University

03	Mrs.R.K. Aswini	Augmented Reality And Virtual Reality In Engineering	06.01.2025 To 11.01.2025	Rohini College Of Engineering And Technology
		Sustainable Infrastructure And Disaster Management : Pathways To A Resilient Future	17.02.2025 To 22.02.2025	Stella Mary's College Of Engineering
04	Mrs. R.Reno Infanto	Artificial intelligence in healthcare and hospitality management	23.10.2025 to 28.10.2025	Rohini college of engineering and technology
		Research methodology	Jan-Mar 2025	NPTEL Online Course
05	Dr.R.Rajiv Gandhi	Geotechnical Investigation And Its Applications	24.03.2025 To 29.03.2025	Builders Engineering College

STUDENT PLACEMENT



REGISTER NUMBER	STUDENT NAME	COMPANY NAME
963322103002	ABINASH T	Besten Engineers & Consultants India Private Limited, Chennai
963322103008	AKASH P	Besten Engineers & Consultants India Private Limited, Chennai
963322103013	ASWINI R	Besten Engineers & Consultants India Private Limited, Chennai
963322103014	ATHI LAKSHMI S	Besten Engineers & Consultants India Private Limited, Chennai
963322103022	GOKILA DEVI T	Besten Engineers & Consultants India Private Limited, Chennai
963322103045	REBIN R	Besten Engineers & Consultants India Private Limited, Chennai
963322103046	SAM PRASATH M	Besten Engineers & Consultants India Private Limited, Chennai
963322103047	SARMING R	Besten Engineers & Consultants India Private Limited, Chennai
963322103055	SURUTHI SAHANA M	Besten Engineers & Consultants India Private Limited, Chennai
963322103057	THANSI S	Besten Engineers & Consultants India Private Limited, Chennai

Besten Engineers & Consultants India Private Limited, Chennai
19.08.2025

STUDENT PLACEMENT



REGISTER NUMBER	STUDENT NAME	DEPARTMENT
963322103006	AKASH E	CIVIL
963322103007	AKASH M	CIVIL
963322103011	ARUN A	CIVIL
963322103016	CHANDRU J	CIVIL
963322103017	DEEPU R	CIVIL
963322103026	JERISH RAJA KIRUBA S	CIVIL
963322103030	MADHAVAN G	CIVIL
963322103031	MAHENDRAN A	CIVIL
963322103034	MD TARIQUE HASSAN	CIVIL
963322103036	NAGA ARJUN S	CIVIL
963322103041	RAJA SURIYA V	CIVIL
963322103044	RATHISH MOON R	CIVIL
963322103048	SATYAJEET MUTUM	CIVIL
963322103049	SELVA KUMAR P	CIVIL
963322103056	TAMIL RAJA P	CIVIL

Prime Meridian Surveys Private Limited, Chennai

22.09.2025

STUDENT ACHIEVEMENT

NPTEL Course

Name of the Student	Title of the course	Credit of the course	Duration of the course	Duration	Status
Kausika M	Advanced Topics in Science and Technology of Concrete	2	4 weeks	Feb – Mar 2025	Completed
Sherin C S Deno	Advanced Topics in Science and Technology of Concrete	2	4 weeks	Feb – Mar 2025	Completed

TECHNICAL EVENTS

NAME	COLLEGE NAME	EVENTS	ACHIEVEMENT
Athi Lakshmi S	VV College of Engineering and Technology	Tech Quiz	1 st Prize
Karthika G	VV College of Engineering and Technology	Tech Quiz, Tech Connections	1 st Prize
Vithya Kumari S H	VV College of Engineering and Technology	Tech Quiz	1 st Prize
Akash E	Sethu Institute of Technology	Tech Quiz, Photography	Participated
Arun A	Sethu Institute of Technology	Tech Quiz, Photography	Participated
Dinesh M	Sethu Institute of Technology	Tech Quiz, Photography	Participated
Madhavan G	Sethu Institute of Technology	Tech Quiz, Photography	Participated
Tamil Raja P	Sethu Institute of Technology	Tech Quiz, Photography	Participated

John Kesavan S	Shivanthi Aathithanar College of Engineering	CAD Modelling	1 st Prize
Ram Kishore B	Shivanthi Aathithanar College of Engineering	CAD Modelling	2 nd Prize
Frehenza B	Shivanthi Aathithanar College of Engineering	Paper Presentation	3 rd Prize
John Kesavan S	PSN Engineering College	Tech Connections	1 st Prize
Ram Kishore B	PSN Engineering College	Tech Quiz	1 st Prize
Frehenza B	PSN Engineering College	Paper Presentation	2 nd Prize
Vibin Kumar N	PSN Engineering College	Photography	2 nd Prize
Vishnu Prathap N	PSN Engineering College	Tech Connections	2 nd Prize
Sherin C S Deno	Shivanthi Aathithanar College of Engineering	Paper Presentation	Participated
Vibin Kumar N	Shivanthi Aathithanar College of Engineering	Paper Presentation, CAD Modelling	Participated
Vishnu Prathap N	Shivanthi Aathithanar College of Engineering	Paper Presentation, CAD Modelling	Participated
Sreekanth K	PSN Engineering College	Paper Presentation	Participated
Abilash S	Sethu Institute of Technology	Paper Presentation	Participated
Abhishek I	Sethu Institute of Technology	Paper Presentation	Participated
Frehenza B	Sethu Institute of Technology	Paper Presentation	Participated
John Kesavan S	Sethu Institute of Technology	Tech Quiz	Participated
Mubetha M	Sethu Institute of Technology	Paper Presentation, Who Am I?	Participated

Sherin C.S Deno	Sethu Institute of Technology	Paper Presentation, Who Am I?	Participated
Frehenza B	Mepco Schlenk Engineering College	Paper Presentation	Participated
John Kesavan S	Mepco Schlenk Engineering College	Paper Presentation	Participated
Ram Kishore B	Mepco Schlenk Engineering College	Paper Presentation	Participated
Sherin C.S Deno	Mepco Schlenk Engineering College	Paper Presentation	Participated
Vibin Kumar N	Mepco Schlenk Engineering College	Paper Presentation	Participated
Vishnu Prathap N	Mepco Schlenk Engineering College	Paper Presentation	Participated