

GOVERNMENT COLLEGE OF TECHNOLOGY COIMBATORE-13

NEWSLETTER 2024-2025

From the Department of
Civil Engineering

EDITORIAL TEAM

FACULTIES

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PROF AND HEAD

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ASSOCIATE PROFESSOR

STUDENT

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AFRA A

BRIJESH B



From the Professor's desk

I am delighted to share that our department newsletter, “The Builder,” proudly unveils its sixth edition for the academic year 2024–2025, reflecting the vibrant spirit and collective achievements of the Department of Civil Engineering, Government College of Technology, Coimbatore. Over the past year, the department has organized a dynamic array of seminars, workshops, and technical events aimed at nurturing innovation, professional excellence, and holistic student development. A remarkable highlight of this period is the signing of a Memorandum of Understanding (MoU) with Man Industries, a collaboration that has opened new pathways for industry interaction, internships, and real-world learning. Through this partnership, our students are gaining invaluable hands-on experience, bridging the gap between academic concepts and practical applications. It fills me with immense pride to see our final-year students actively engaging with industry projects, showcasing the true essence of what “The Builder” stands for — creating strong foundations for knowledge, growth, and future success.



I appreciate the entire team for their continuous effort in bringing out this Newsletter with the faculty and students achievements. It gives me immense pleasure in seeing the cumulative presentation of various events by faculty and students.

I wish the Newsletter should carry many more useful information and faculty and students Should make use of this opportunities to express their views and to update their Knowledge.



Vision and Mission of the Institute

Vision:

To emerge as a centre of excellence and eminence by imparting futuristic technical education in keeping with global standards, making our students technologically competent and ethically strong so that they can readily contribute to the rapid advancement of society and mankind.

Mission:

- To achieve Academic excellence through innovative teaching and learning practices.
- To enhance employability and entrepreneurship.
- To improve the research competence to address societal needs.
- To inculcate a culture that supports and reinforces ethical professional behavior for a harmonious prosperous society.



Vision and Mission of the Department

Vision:

To provide quality education in Civil Engineering to the societal growth in sustainable manner on par with global standards.

Mission:

- To establish the process of teaching and learning to meet the global standards for sustainable built environment.
- To make Civil Engineering department a renowned high-tech consultancy centre.
- To carry out socially relevant and forward looking research for societal needs.
- Integrated with opportunities for teamwork, leadership, values, ethics and social activities.



Student Activities

S.No.	Name	Institute	Event	Event Level	Prize / Participation
1	Afra A 71772211103 Denisha N 71772211123 Mathumitha M 71772211152 Paviksha M 71772211170 ThamaraiSelvi M 71772211209	CIT, Coimbatore	CIVILTHON' 24 National Level Engineering Hackathon	National	Runner Up and Cash Prize of Rs.15,000
2	71772111115 Bhuvanesan S P	CEG Chennai	Reveal the civil	Within State	First place
3	71772111115 Bhuvanesan S P	CEG Chennai	Bridge battle	Within State	First place
4	71772111146 Kumari A	CEG Chennai	Bridge battle	Within State	First place
5	71772111142 Joe AntoBernold A	CEG Chennai	Bridge battle	Within State	First place
6	71772111182 Samyuktha K	Government College Of Technology- Coimbatore	Throw Ball	Within State	First place
7	71772111103 Abinaya A	SNS College Of Technology	Kho-Kho	Within State	First place



Student Activities

S.No.	Name	Institute	Event	Event Level	Prize / Participation
8	71772111117 Devi meena K	SNS College Of Technology	Kho-Kho	Within State	First place
9	71772111162 Nanditha C B	Government College Of Technology-Coimbatore	Throw Ball	Within State	First place
10	71772211123 Denisha N	Government College Of Technology-Coimbatore	Talk tussle	Within State	Second place
11	71772211172 Poorvisha R	Government College of Technology-Coimbatore	Throw ball	Within State	Second
12	71772211179 Preethi A	Government College of Technology-Coimbatore	Throw ball	Within State	Second
13	71772111303 Arun Krishna Bharath S	Government College of Engineering, Tirunelveli.	Crackathon	Within State	Second place
14	71772111303 Arun Krishna Bharath S	Government College of Engineering, Tirunelveli	Reveal the civil	Within State	Second place



Student Activities

S.No.	Name	Institute	Event	Event Level	Prize / Participation
15	71772111303 Arun Krishna Bharath S	Government College of Engineering, Tirunelveli	Word debate	Within State	Second place
16	71772111303 Arun Krishna Bharath S	Government College of Engineering, Tirunelveli	Poster fusion	Within State	Participation
17	71772211112 Ashwin K	CIT, Coimbatore	CIVILTHON' 24 National Level Engineering Hackathon	National	Participation
18	71772211140 Jeeva Shankar S R	CIT, Coimbatore	CIVILTHON' 24 National Level Engineering Hackathon	National	Participation
19	71772211144 Kavya R	CIT, Coimbatore	CIVILTHON' 24 National Level Engineering Hackathon	National	Participation
20	71772211133 Gokulnila M	CIT, Coimbatore	CIVILTHON' 24 National Level Engineering Hackathon	National	Participation
21	71772211135 Guhan Raja I	CIT, Coimbatore	CIVILTHON' 24 National Level Engineering Hackathon	National	Participation



Student Activities

S.No.	Name	Institute	Event	Event Level	Prize / Participa
22	71772211152 Mathumitha M	CIT, Coimbatore	CIVILTHON'24 National Level En	National	Participation
23	71772211156 Monica P	CIT, Coimbatore	CIVILTHON'24 National Level En	National	Participation
24	71772211159 Muniyandi M	CIT, Coimbatore	CIVILTHON'24 National Level En	National	Participation
25	71772211160 Muthumathesh M	CIT, Coimbatore	CIVILTHON'24 National Level En	National	Participation
26	71772211118 BoopeshPrasath V	CIT, Coimbatore	CIVILTHON'24 National Level En	National	Participation
27	717722111L07 MariyaViyakaPandi M	CIT, Coimbatore	CIVILTHON'24 National Level En	National	Participation
28	71772111146 Kumari A	CEG Chennai	Breaker of codes	Within State	Participation



Student Activities

S.No.	Name	Institute	Event	Event Level	Prize / Participation
29	71772111146 Kumari A	CEG Chennai	Costal conundrum	Within State	Participation
30	71772111146 Kumari A	CEG Chennai	Series quiz	Within State	Participation
31	71772111146 Kumari A	CEG Chennai	Primametry	Within State	Participation
32	71772111162 Nanditha C B	Government College Of Technology-Coimbatore	Marathon	Within State	Participation
33	71772211123 Denisha N	Rotaract Club Of GCT	Endow	Within State	Participation
34	71772211179 Preethi A	Aadhavaa Educational & Social Welfare Trust Coimbatore	Saree walkathon	Within State	Participation
35	71772211175 Pradhiksha S	Aadhavaa Educational & Social Welfare Trust Coimbatore	Saree walkathon	Within State	Participation



Student Activities

S.No.	Name	Institute	Event	Event Level	Prize / Participation
36	71772211168 PandiPriya S	Aadhavaa Educational & Social Welfare Trust Coimbatore	Saree walkathon	Within State	Participation
37	71772211212 Vaishnavi R	Aadhavaa Educational & Social Welfare Trust Coimbatore	Saree walkathon	Within State	Participation
38	71772211184 Sangeetha M K	Aadhavaa Educational & Social Welfare Trust Coimbatore	Saree walkathon	Within State	Participation

NPTEL Courses -Faculties



1. Dr. M. Rama – Patent Drafting for Beginners (Jul – Aug 2024, 4 Weeks)
2. Dr. M. Rama – Entrepreneurship and IP Strategy (Jul – Aug 2024, 4 Weeks)
3. Dr. M. Rama – Ethics in Engineering Practice (Aug – Oct 2024, 12 Weeks)
4. Dr. M. Rama – Accreditation and Outcome Based Learning (Aug – Oct 2024, 12 Weeks)
5. Dr. K. Rekha – Affordable Housing Techniques and Practices (Feb 2024, 5 Days)
6. Dr. M. Rama – Sustainable Engineering Concepts and Life Cycle Analysis (Jan – Mar, 8 Weeks)
7. Dr. M. Rama – Introduction to Professional Scientific Communication (Jan – Feb, 4 Weeks)
8. Dr. P. Nirmal – Retrofitting and Rehabilitation of Civil Infrastructure (Jan 2025)
9. Prof. P. Nirmal – Maintenance and Repair of Concrete Structures (Jan 2025)
10. Prof. Sasikala – Modern Construction Material (Jan – Apr 2025, 12 Weeks)

Programmes Organised

- Poster Presentation & Drawing Competition – World Environment Day Celebration, Resource Persons: Dr. R. Thenmozhi, HoD; Dr. M. Rama, Asso. PCE; Prof. S. Makeshkumar, APCE (05.06.2024)
- Workshop – Webinar on Geotechnical Investigations, Resource Person: Dr. S. Sathyapriya, Associate Professor, Government College of Engineering, Dharmapuri (22.08.2024)
- Invited Talks/Workshops – Webinar on Design of EQRD, Resource Person: Dr. R. Chithra, Asso. Professor, Government College of Technology, Coimbatore (29.08.2024)



Programmes Organised

- Hackathon – Internal Hackathon for SIH 2024 (collaboration with Infinustech, Architectural & Structural Construction) (09.09.2024)
- Orientation Programme – Orientation Programme for First Years, Resource Person: Dr. R. Thenmozhi, HoD, Dept of Civil Engineering, Government College of Technology, Coimbatore (12.09.2024)
- Invited Talks/Workshops – Webinar on Ductile Detailing of RCC Structures, Resource Person: Dr. Ramadevi, Professor of Civil Engineering, Kumaraguru College of Technology, Coimbatore (20.09.2024)
- Invited Talks/Workshops – How to Write a Quality Project Report, Resource Person: Dr. R. Thenmozhi, HoD, Dept of Civil Engineering, Government College of Technology, Coimbatore (10.10.2024)
- Invited Talks/Workshops – EQRDS, Resource Person: Dr. Murugan, Sr. Scientist, Indira Gandhi Centre for Atomic Research (IGCAR), Kalpakkam (14.10.2024)
- Invited Talks/Workshops – Software Applications on Analysis and Design Using ETABS, Resource Person: Dr. B. Saravanakumar, Sr. Design Engineer, L&T Ramboll, Chennai (15.10.2024)
- Invited Talks/Workshops – Career Guidance Program by MG CAD, Resource Persons: Saravanesh JK, MS (Structural), Sumesh Joseph, BE (Civil), Muthuraja M, ME (Structural), Tamilarasan M, BE (Civil), Barsith Khan, BE (Civil) (18.10.2024)
- Invited Talks/Workshops – INCEAN'24 Career Guidance Program, Resource Person: Thiru. Sivaguru Prabakaran, I.A.S., Commissioner, Coimbatore City Municipal Corporation (07.11.2024)
- Invited Talks/Workshops – Code of Conduct and Personality Development, Resource Person: Dr. R. Thenmozhi, HoD, Dept of Civil Engineering, Government College of Technology, Coimbatore (05.02.2025)
- Invited Talks/Workshops – Technology and Placement, Resource Person: Dr. R. Thenmozhi, HoD, Dept of Civil Engineering, Government College of Technology, Coimbatore (06.02.2025)

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Journal Publications :

- Andal, N.; Mareeswari, R.; Thenmozhi, R.; Bahurudeen, A. (2024). Strength enhancement of recycled fine aggregate beam through chemical treatment – A waste to wealth approach. Journal of Materials Research and Technology. Selvaraj, A.;
- Jeyanthi, J. (2024). Versatile performance of hydrophilic PVDF/CuO nanocomposite membranes for TDS removal in RO reject. Energy Sources. Shoba, B.; Jeyanthi, J.
- (2024). Separation of oil-water emulsion by cellulose acetate ultrafiltration membranes. Environmental Technology (United Kingdom). Malathi, R.; Jeyanthi, J.
- (2024). Formaldehyde degradation using biofilter loaded with composed vermiculite and activated carbon: Performance and optimization. Global Nest Journal. Sudarmani, G.; Jeyapriya, S. P.; Kumar, S. K. (2024). Analysis of twin-bored tunnel using Plaxis 3D
- for the proposed metro rail at Coimbatore district. Lecture Notes in Civil Engineering. Balasubramanian, N.; Chithra, S. (2024). A review on the factors influencing the performance of sustainable ternary cement composites. Environment, Development
- and Sustainability. Dutta, B.; Mahakavi, P.; Gogoi, R.; Chithra, R.; Surya, S. (2024). Experimental investigation to study the structural viability of recycled aggregates found in India. From Waste to Wealth. Vedhasakthi, K.; Chithra, R. (2024). A
- proposed model and performance study on prefabricated cage-reinforced self-compacting concrete deep beams. Iranian Journal of Science and Technology – Transactions of Civil Engineering. Rama, M.; Sudarsan, J. S.; Sunmathi, N.;
- Nithiyanantham, S. (2024). Behavioural assessment of intrinsically formed smart concrete using steel fibre and carbon black composite. Heliyon. Nirmal, P.; Chinnaraju, K.; Chithra, S. (2024). The hydration behaviour of blended cements
- incorporating sugarcane bagasse ash and limestone. Cement, Wapno, Beton.

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SAWAYAM COURSE DETAILS



- Afreena Fathuma M (71772111105) completed sawayam course detail Sustainable Architecture in Dec 2023
- Ananthaselvan T (71772111109) completed sawayam course detail Sustainable Architecture in Dec 2023
- Bhuvanesan S P (71772111115) completed sawayam course detail Sustainable Architecture in Dec 2023
- Gayathri S (71772111123) completed sawayam course detail Sustainable Architecture in Dec 2023
- Gayathri V (71772111124) completed sawayam course detail Sustainable Architecture in Dec 2023
- Gokulakrishnan T (71772111126) completed sawayam course detail Sustainable Architecture in Dec 2023
- Jersha J M (71772111141) completed sawayam course detail Sustainable Architecture in Dec 2023
- Joe Anto Bernold A (71772111142) completed sawayam course detail Sustainable Architecture in Dec 2023
- Nanditha C B (71772111162) completed sawayam course detail Sustainable Architecture in Dec 2023
- Padma Priya R (71772111165) completed sawayam course detail Sustainable Architecture in Dec 2023
- Periya Pandi M (71772111167) completed sawayam course detail Sustainable Architecture in Dec 2023
- Premalakshmi B (71772111169) completed sawayam course detail Sustainable Architecture in Dec 2023
- Priyadharshini A (71772111172) completed sawayam course detail Sustainable Architecture in Dec 2023
- Rajeshwari K (71772111175) completed sawayam course detail Sustainable Architecture in Dec 2023
- Ravikrishnan N (71772111177) completed sawayam course detail Sustainable Architecture in Dec 2023
- Rithanya M S (71772111178) completed sawayam course detail Sustainable Architecture in Dec 2023

SAWAYAM COURSE DETAILS



- Samyukta K (71772111182) completed sawayam course detail Sustainable Architecture in Dec 2023
- Sasmita V (71772111184) completed sawayam course detail Sustainable Architecture in Dec 2023
- Soundharya K M (71772111190) completed sawayam course detail Sustainable Architecture in Dec 2023
- Srinidhi V (71772111192) completed sawayam course detail Sustainable Architecture in Dec 2023
- Suba V (71772111194) completed sawayam course detail Sustainable Architecture in Dec 2023
- Sundara Peru Vazhuthi N (71772111195) completed sawayam course detail Sustainable Architecture in Dec 2023
- Swathika M (71772111196) completed sawayam course detail Sustainable Architecture in Dec 2023
- Thanu M B (71772111199) completed sawayam course detail Sustainable Architecture in Dec 2023
- Uma Neelavathi M (71772111201) completed sawayam course detail Sustainable Architecture in Dec 2023
- Vahini B (71772111202) completed sawayam course detail Sustainable Architecture in Dec 2023
- Gowtham Raj K (71772111305) completed sawayam course detail Sustainable Architecture in Dec 2023
- Kavinila K (71772111306) completed sawayam course detail Sustainable Architecture in Dec 2023



Placements

CORE



IT SECTOR



ADMINISTRATIVE SERVICES

