



A T M E

College of Engineering



DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

NIRMAAN



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Department Vision, Mission, PO's, PEO's & PSO's

Vision:

To develop globally competent civil engineers who excel in academics, research and are ethically responsible for the development of the society.

Mission of the Department

1. To provide quality education through faculty and state of art infrastructure.
2. To identify the current problems in society pertaining to Civil Engineering disciplines and to address them effectively and efficiently.
3. To inculcate the habit of research and entrepreneurship in our graduates to address current infrastructure needs of society.

Program Specific Outcomes (PSOs)

PSO 1 – Provide necessary solutions to build infrastructure for all situations through competitive plans, maps and designs with the aid of a thorough Engineering Survey and Quantity Estimation.

PSO 2 – Assess the impact of anthropogenic activities leading to environmental imbalance on land, in water & in air and provide necessary viable solutions revamping water resources and transportation for a sustainable development

Program Educational Objectives (PEOs)

PEO1 - Engaged in professional practices, such as construction, environmental, geotechnical, structural, transportation, water resource engineering by using technical, communication and management skills.

PEO 2 - Engaged in higher studies and research activities in various civil engineering fields and life time commitment to learn ever changing technologies to satisfy increasing demand of sustainable infrastructural facilities.

PEO 3 - Serve in a leadership position in any professional or community organization or local or state engineering board

PEO 4 - Registered as professional engineer or developed a strong ability leading to professional licensure being an entrepreneur.

INDUSTRY OUTREACH PROGRAM

Department of Civil Engineering in association with Association of Consulting Civil Engineers (ACCE (I)), Mysore Chapter and Ramco Cements Limited organized One-day Outreach Program “**Practical Approach to Construction Technology**” on 12th April 2023 at ATMECE premises.



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Engineering Graduates will be able to:

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

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.

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.

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.

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.

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.

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.

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

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

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.

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.

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.

DATUM - 2K23

Department of Civil Engineering organized an Inter-Collegiate One Day Technical Fest DATUM - 2K23 at ATMECE premises on 09th May 2023. Dr. L Basavaraj Principal ATMECE, Dr. Sachidananda Murthy Administrative officer, Dr. Yatisha L, Dean Student Affairs, Mr. Manu Vijay Assoc Prof & Head Dept. of CE inaugurated the event. Over 100+ participants from different institutions had attended the event.



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Academic toppers of the department

4th sem toppers



Syeda Mihreen

8th sem toppers



Varun M

8th sem Toppers



Abhishek K

4th sem Toppers



Manish K M

6th sem toppers



Deeksitha H V

6th sem toppers



Madhushree M

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Industrial Visit to BMRCL & ACT Bengaluru

Department of Civil Engineering had organized an Industrial Visit to Bengaluru Metro Rail Corporation Limited (BMRCL) & Academy of Concrete Technology (ACT), Bengaluru on 5th May 2023 for 8th semester students. A total of 46 students and 3 accompanying staffs Mr. Rudresh A N Asst. Prof, Srivathsa H U Asst. Prof & Puneeth K Asst. Prof took part in the visit.



INDUSTRY VISIT TO KRS DAM

On 20th June 2023, the 6th semester students of Civil Engineering Department, ATMECE were brought out of their routine classes to be taken for an Industrial Visit to Krishna Raja Sagara Dam, Mysore. Krishna Raja Sagara, also popularly known as KRS, is the name of both a lake and the dam that creates it. It is located close to the settlement of Krishnarajasagara. The dam is across Kaveri River, in Mandya District near Mysore in Karnataka state, India. There is an ornamental garden attached to the dam, called Brindavan Gardens. Under the supervision of Mr. Rudresh A N, Mrs. Bharathi B and Mrs. Jyothi D N, 52 students in one bus left for the dam at 9.30 AM from the campus



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Technical Talk: APPLICATION ON PRE-STRESSING IN CONSTRUCTION:

Department of Civil Engineering organized a technical talk on “Application on Pre-stressing in construction” on 07th March 2023 for 8th semester students with an objective of minimising the gap between the academics and industry



Technical Talk

“Future Business opportunities on creating wealth from Bio-waste through Entrepreneurship: Department of Mechanical Engineering in association with Civil Engineering organized a technical talk on “Future Business opportunities on creating wealth from Bio-waste through Entrepreneurship” on 17th January 2023 for 3rd & 5th semester students of Civil & Mechanical Engineering Department with an objective of enriching the knowledge on waste management based on biomass energy and business opportunities in the future career.



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Survey Camp:

The students carried out all the basic survey works in the field in prior to the commencement of any Civil works. The camp played a vital main role in bridging the gap between theoretical and practical exposure which is very essential to the students. Teaching faculties Mr. Rudresh A N, Mrs. Bharathi B & Mr. Srivathsa H U and Non-Teaching faculties Mr. Jayaram B S, Mr. Manjesh & Ms. Priyanka Co-



Awareness Session on Cybersecurity at ATME College of Engineering, Mysuru”

The Department of Electrical and Electronics Engineering, ATME College of Engineering, Mysuru organized a Technical Talk on **Awareness Session on Cybersecurity** for Third Semester students of the institution on 19.01.2023 on campus premises.

Mr. Derick Jose, Co-Founder & Chief Product Officer, Future Decision Sciences & Analytics, Houston Texas Area was the resource person. **Mr.Saravanan Sundaramurthy**, CEO and Founder, Xorbit Shifters, Bengaluru was the guest of honor.



Technical Talk on

“Rapidwall Construction Techn

ology”Department of Civil Engineering organized a technical talk on “**Rapidwall Construction Technology**” on 24th August 2023 for 4th semester students with an objective of creating an awareness on modern techniques and practices in Construction Industry.

