



AMRITA

College of Engineering
& Technology

DEPARTMENT OF CIVIL ENGINEERING



“THE CONSTRUCTOR”

NEWSLETTER

Vol. 2 Issue 1

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ABOUT THE COLLEGE

Amrita College of Engineering and Technology (ACET) is a co-educational, self-financing Engineering College (formerly Sun College of Engineering and Technology, established in the year 1999) run by Mata Amritanandamayi Math (MAM), Kollam from the academic year 2018-19. MAM is an International charitable organization aimed at the spiritual and material upliftment of humankind. MAM was founded in 1981 by the spiritual leader and humanitarian Mata Amritanandamayi Devi, with its headquarters in Paryakadavu, Alappad Panchayat, Kollam district, Kerala.

The College has been approved by the All India Council for Technical Education, New Delhi, and is affiliated to the Anna University, Chennai. The College is located inside Amrita Institutions Campus, Nagercoil, in a sprawling area of a 100-acre lush green campus, which is situated about 5 Kilometres north of Nagercoil, the headquarter of Kanyakumari District.

Amrita Institutions is known for its value-based quality education through continuously improving its infrastructure, human resources, and teaching-learning process and we are committed to imparting high-quality skill-based education in Engineering & Technology to the youth in order to meet the challenging requirements of the industries.

ABOUT THE DEPARTMENT

The Department of Civil Engineering at Amrita College of Engineering and Technology was started way back in 2002 and has been continuing its glorious journey ever since. The department offers an undergraduate programme in Civil Engineering with an annual intake of 30 students. The curriculum, as per the Anna University Regulation covers subjects such as Structural Engineering, Transportation Engineering, Geotechnical Engineering, Surveying, Construction materials, Water Resources and Environmental Engineering. This programme aims to provide quality education in Civil Engineering keeping in pace with the current and futuristic demands in this field.

In order to expose the students to recent technological advances, Guest Lectures are arranged inviting eminent Scientists, Technocrats, Industrialist and Professors. Internships, In-plant training and Industrial Visits are also arranged for the students to gain practical knowledge.

The department is also an annual member of the Indian Green Building Council (IGBC). The Department takes great pride in delivering technically competent and ethically responsible engineers to society, and it commits to continuing to do so.

Message from HOD's Desk

The newsletter is the best platform that broadens students' perspectives and encourages students' literary skills and innovations to be recognized. I want to congratulate all the students and faculty members for their wonderful support for the Newsletter publication successfully. This issue explores the hidden talents, commitment, involvement and achievements of the Department students and Faculty. Also, I invite the readers of "THE CONSTRUCTOR" for their contributions and suggestions for further issues.

Message from Editor's Desk

It brings me immense pleasure to introduce the 1st issue (Vol 2) of the department newsletter "THE CONSTRUCTOR". It encourages, illumines, and enables the student and faculty members to focus on their goals and achievements.

The current newsletter highlights our students activities and faculty achievements during the past six months. I am thankful to the Department of Civil Engineering faculty and students for their valuable input.

I hope this Newsletter will motivate many students to come forward and express their talent and creativity. I would like to thank our Principal and HoD for the continuous motivation, and time-to-time feedback for the final draft.

Editorial Board

Chief Editor:

Mr. Suresh S, Assistant Professor & HoD, Civil Engg.

Editor:

Mrs. Akiladevi A R, Assistant Professor, Civil Engg.

Student Members

Mr. Dibin Raj M L, IV Year B. E. Civil Engg.

Ms. Cinalish Anusha P S, III Year B. E. Civil Engg.

Mr. Sujin F, II Year B. E. Civil Engg.

"Creativity is the key to Success."

- Dr. A. P. J. Abdul Kalam

What's Inside?

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“Today a reader, tomorrow a leader “

Margaret Fuller

Vision of the Department

- To become a leading Civil engineering department through creating knowledgeable and professionally competent Civil Engineers of national standards and to provide faculty consultancy, research, and development in various fields of Civil Engineering.

Mission of the Department

1. To provide quality education that will enable the graduates to successfully execute traditional and modern Civil Engineering Projects.
2. To train the students to acquire skills to develop safe, sustainable, economical, and environmentally viable solutions for the overall welfare of the society.
3. To inculcate social responsibility, ethical values, spirit of innovation and Entrepreneurship in the students.

Programme Educational Objectives (PEOs)

1. To prepare students for successful careers in Civil Engineering field that meets the needs of Indian and multinational companies.
2. To develop the confidence and ability among students to synthesize data and technical concepts and thereby apply it in real-world problems.
3. To develop students to use modern techniques, skill, and mathematical engineering tools for solving problems in Civil Engineering.
4. To provide students with a sound foundation in mathematical, scientific, and engineering fundamentals necessary to formulate, solve and analyse engineering problems and to prepare them for graduate studies.
5. To promote students to work collaboratively on multi-disciplinary projects and make them engage in life-long learning processes throughout their professional life.

Programme Specific Outcomes (PSOs)

1. Problem identification, formulation, Planning, Analyzing, Designing, Estimating, and Execution of all kinds of Civil Engineering projects with minimum cost and time with maximum quality with professional competency and ethics for safe and sustainable development of the society.
2. Able to pursue lifelong learning and professional development to face the challenging and emerging needs of our society.

“Dream, Dream, Dream.

Dreams Transform into

Thoughts and Thoughts

Results into an Action.”

- **Dr. A. P. J. Abdul Kalam**

Technical Symposium

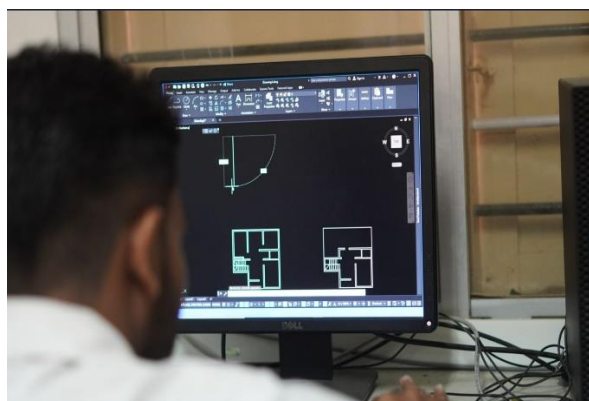
A 2nd national-level technical symposium “HANOVER 2K23” was conducted on 01.04.2023. The technical sessions were inaugurated by Mr. S. Suresh, Head of the Department, Department of Civil Engineering. Various Technical events such as Paper presentation, CAD contest, Quiz and Technical word hunt were conducted.



Inauguration of HANOVER 2K23



Lighting of Kuthuvilaku



CAD Contest event



Winners honoured by Symposium Coordinator

Faculty Development Program/ Conferences/ Workshops- attended by the faculty

Sl. No.	Name of Faculty	Program attended	Organizer	Date
1.	Mrs. S. Anisha	Management Development Program on “Project Management for Organizational Excellence”	School of Civil Engineering and VIT Business School, Chennai.	28.11.2022 to 02.12.2022
2.	Mr. U. Ananth			
3.	Mrs. S. Geetha			
4.	Mrs. A. R. Akiladevi			
5.	Mr. M. Petchikkan			
6.	Mr. M. Petchikkan	Short-Term Training Program on “ GIS for Smart City”	Presidency University, Bengaluru.	12.12.2022 to 16.12.2022
7.	Mrs. S. Geetha	Faculty Development Program on “ Role of smart Materials and sensing Technologies in the Construction sector”	Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology, Chennai.	19.12.2022 to 23.12.2022
8.	Mr. M. Petchikkan	Workshop on “ Emerging trends & Applications in Civil Engineering”	SRM Institute of Science and Technology, Chennai.	02.01.23 to 07.02.23

Sl. No.	Name of Faculty	Program attended	Organizer	Date
9.	Mr. S. Suresh	Faculty Development Program on “Microsoft Power BI Data Analyst Associate”	ICT Academy at Ramco Institute of Technology, Rajapalayam	30.01.2023 to 03.02.2023
10.	Mrs. S. Anisha	Faculty Development Program on “ Emerging Technologies for Education and Research”	Sree Sakthi Engineering College, Coimbatore.	30.01.2023 to 01.02.2023
11.	Mr. U. Ananth			
12.	Mrs. S. Anisha	Faculty Development Program on “Blooms Taxonomy in Teaching and Learning”	San Snow’s Nobel Professional Foundation, Kannanoor	16.02.2023
13.	Mrs. S. Geetha			
14.	Mrs. S. Geetha	Faculty Development Program on “Outcome-Based Education”	PPG Institute of Technology, Coimbatore.	01.02.2023 to 09.02.2023
15.	Mr. U. Ananth			
16.	Mr. M. Petchikkan	Naan Mudhalvan Faculty Development Program on “ Digital Marketing”	St. Xavier's Catholic College of Engineering, Nagercoil	13.02.2023 to 17.02.2023
17.	Mrs. A. R. Akiladevi	Naan Mudhalvan Faculty Development Program on “ Sustainable building design”	Government College of Engineering, Tirunelveli	13.02.2023 to 17.02.2023
18.	Mrs. S. Geetha	Faculty Development Program on “ Sustainable Repair and Rehabilitation of Constructed Facilities”	Vellore Institute of Technology, Chennai	06.03.2023 to 10.03.2023
19.	Mrs. S. Anisha			
20.	Mrs. P. Karthika			
21.	Mr. U. Ananth			
22.	Mrs. A. R. Akiladevi			
23.	Mr. M.Petchikkan			
24.	Mrs. A. R. Akiladevi	Faculty Training Program on “ Green Building and Built Environment”	The Indian Green Building Council	13.03.2023to 24.03.2023
25.	Mrs. P. Karthika			
26.	Mrs. S. Geetha	Webinar on “ Cyber Threats and Disaster Mitigation”	National Institute of Disaster Management, Ministry of Home Affairs, New Delhi	26.04.2023

IGBC Students Chapter

Amrita College of Engineering and Technology has renewed its membership with the Indian Green Building Council (IGBC). As a member, we have access to a wealth of resources that we can utilize and incorporate sustainable practices in all our activities to create a positive impact.



IGBC Membership Certificate

Nature Club Activities

The Department of Civil Engineering and Nature Club in association with Amrita Institution Innovation Council of Amrita College of Engineering and Technology conducted a short film contest titled "Pollution Control and Sustainable Environment" on 16.03.2023. The event was open to all the Engineering Students of the Institution. Students actively participated and exposed their art of video making at the event. Mr. S. Suresh, Assistant Professor & HoD / Civil Engg., Mr. U. Ananth, Assistant Professor / Civil Engg., and Mrs. A. R. Akiladevi, Assistant Professor / Civil Engg. were the members of the jury panel. The selection of the best short film was based on the creativity and originality of the video, technical quality, and message effectiveness of the video. The best two short films were selected and awarded certificates. The event was organized by Mrs. S. Anisha, Assistant Professor / Civil Engg.



Short Film presented by the students



First prize Winners of the event

Placement Training

- Students of II B.E (CE) and III B.E (CE) have attended Aptitude and Soft skills Training from 13.02.2023 to 17.02.2023. Resource person: Trainers from M/s. Innate Talent, Chennai.
- Students of IV B.E (CE) attended Soft skills Training from 27.02.2023 to 28.02.2023. Resource person: Trainers from M/s. Innate Talent, Chennai.

Student's Achievements

Sl. No.	Name of student	Class	Date	Name of the Event	Organizer Name	Prize
1.	Mr. M. L. Dibin Raj	IV Year B.E. Civil Engg.	05.03.2023	State Level Gold Medal Contest 2022 - 23	Civil Engineers' Association of Kanyakumari District (CEAK)	Qualified level 1
2.	Mr. V. Deepak Singh					
3.	Ms. S. Swapna Nagendran					
4.	Mr. M. Sankar					
5.	Mr. K. Naresh					
6.	Mr. R. S. Rabinesh					

Sl. No.	Name of student	Class	Date	Name of the Event	Organizer Name	Prize
7.	Ms. P. S. Cinalish Anushaa	III Year B.E., Civil Engg.	13.03.2023	Pencil Art	Amrita College of Engg. & Tech., Nagercoil	First
8.	Ms. Vaishnavi SureshKumar Sushama	IV Year B.E., Civil Engg.	08.03.2023	English Poetry Competition		First
9.	Mr. R. G. Nagul	IV Year B.E., Civil Engg.	16.03.2023	Short Film Contest on Pollution Control and Sustainable Environment	Amrita College of Engg. & Tech., Nagercoil	First
10.	Mr. N. Netheswaran					
11.	Mr. S. Abhin Karthick	III Year B.E., Civil Engg.				Second
12.	Mr. K. Sharan					

Research grant Received

Sl. No.	Name of the Faculty Members	Date	Type of Grant	Applied/Received	Amount Received	Funding Agency
1.	Mrs. S. Geetha	03.03.2023	Students Project Scheme	Received	7500/-	TNSCST

Performance in NPTEL

Sl. No.	Name of the Faculty	Date	Name of the course	Organizer Name	Prize
1.	Mrs. A. R. Akiladevi	January to April 2023 (12-week course)	NPTEL online certification Examination "Maintenance and Repair of Concrete Structures"	IIT Madras	Elite
2.	Mr. U. Ananth	January to April 2023 (12-week course)	NPTEL online certification Examination "Maintenance and Repair of Concrete Structures"	IIT Madras	Elite

University Results (Pass Percentage: 95%-100% only)

Sl. No.	Faculty Name	Subject Name	Class	Pass Percentage
1	Mrs. S. Geetha	OME754 - Industrial Safety	IV Civil Engineering	100%
2	Mrs. A. R. Akiladevi	EN 8591- Municipal Solid Waste Management	IV Civil Engineering	95.65%

Top Rankers in the Anna University Examinations

The following students are the class toppers in the Anna University Examination Conducted during Nov/Dec – 2022.

III Year B.E. Civil Engineering



Ms. P.S. Cinalish Anushaa

GPA: 7.8

Rank: I



Mr. J. M. Vivek

GPA: 7.48

Rank: II

IV Year B.E. Civil Engineering



Mr. K. P. Abhisekh

GPA: 8.2

Rank: I



Ms. Vaishnavi Sureshkumar Sushama

GPA: 8.1

Rank: II

In-plant training/ Internship undergone by students

- Ms. C. K. Asheka of II B.E (CE) has undergone In-plant training at M/s. J. C. C Constructions, Nagercoil during 16.01.2023 to 28.01.2023.
- Mr. M. A. Sakthi Vignesh and Mr. F. Sujin of II B.E (CE) have undergone In-plant training at M/s. Saptarishi Builders, Nagercoil during 18.01.2023 to 25.01.2023.
- Mr. V. Sanjai and Mr. M. Vishnu of II B.E (CE) have undergone In-plant training at M/s. Ideal Technologies, Nagercoil during 16.01.2023 to 26.01.2023.

- Mr. N. Bavin, Mr. M. S. Sabarish and Mr. E. Senildo of II B.E (CE) have undergone In-plant training under Mr. Rethna kumar Project Consultants, Government Contractors, Nagercoil during 17.01.2023 to 25.01.2023.
- Mr. C. V. Sharmah of II B.E (CE) has undergone In-plant training at M/s. Mathew Engineering company, Nagercoil during 16.01.2023 to 26.01.2023.
- Mr. K. P. Abhishek and Mr. R. D. Pravin Kumar of IV B.E (CE) have undergone an Internship at M/s. Ridh Engineering Services, Chennai during February 2023 to April 2023.

Placement Details

Sl. No.	Student name	Company name
1.	Mr. T. M. B. Cidambaram	M/s. Jasper International Engineering Consultants, Vasudevanallur
2.	Mr. S. Diwahar	
3.	Mr. M. Sankar	
4.	Mr. U. Deepak Singh	
5.	Mr. K. Naresh	
6.	Mr. R. S. Rabinesh	
7.	Mr. N. S. Thivakar	
8.	Mr. M. L. Dibin Raj	
9.	Mr. N. Netheswaran	
10.	Mr. R. C. Gowtham	
11.	Mr. M. L. Dibin Raj	M/s. JSE Engineering Pvt. Ltd., Chennai
12.	Mr. T. M. B. Cidambaram	
13.	Mr. S. Tharan Pragateesh	
14.	Mr. T. M. B. Cidambaram	M/s. Pinnacle Infotech, Madurai