

MALNAD COLLEGE OF ENGINEERING, HASSAN
DEPARTMENT OF CIVIL ENGINEERING
NEWSLETTER JULY 2025 Volume 7 Issue 2

Editors:

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Dr. Muralidhar M. N.
Prof. Chandini. M. S
Student Editors:
Kushal. C. J. 7th Sem
Abhigna. 5th Sem
Shreyas G R 5th Sem
Akash B 3rd Sem

Head of the Department:

Dr. H S Narashimhan

Patrons:

Sri. Sri. R.T. Dyave Gowda Chairman, MTES Sri. C M Thimmappa Gowda Vice Chairman, MTES
Sri C R Jagadeesh, Secretary, MTES Sri. H.D. Parshwanath, Treasurer, MTES
Sri G.R. Srinivas, Joint Secretary, MTES

Principal, MCE Hassan: Dr. H J Amarendra

CED News is published by the Civil Engineering Department of MCE Hassan to share information among the faculty members, staff, students, alumni and friends of the Department



MALNAD COLLEGE OF ENGINEERING, HASSAN
(An Autonomous Institution Affiliated to VTU, Belgaum)

VISION OF THE INSTITUTION

To be an institute of excellence in engineering education and research, producing socially responsible professionals

MISSION OF THE INSTITUTION

Create conducive environment for learning and research Establish industry and academia collaborations.
Ensure professional and ethical values in all institutional endeavors.

VISION OF THE DEPARTMENT

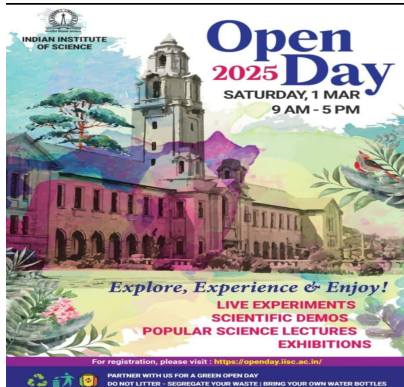
The Department of Civil Engineering will be a centre of excellence in industry-oriented teaching, training, research, professional ethics, social responsibility, and continuing education for practicing engineers through sponsored research and consultancy services

MISSION OF THE DEPARTMENT

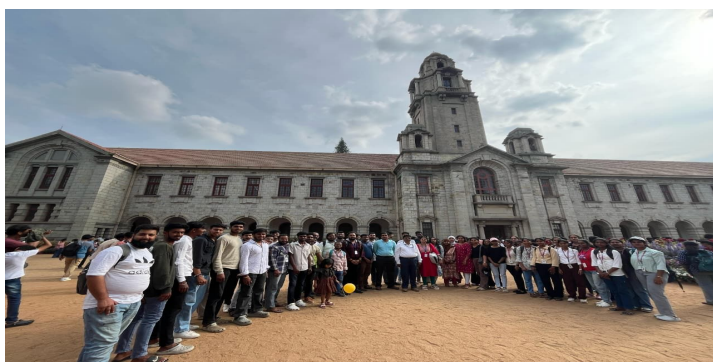
To improvise the curriculum to include contents pertaining to situational experience of variety of sites and develop a sense of social responsibility and to enhance research orientation of students through internship programs.

To enhance sponsored research and consultancy works to achieve effective industry-institute-interaction and conduct Continuing Education Programme for practicing engineers.

To inculcate professional ethics through quality and modern construction practices.
To switch over to modern methods of material testing, Engineering analysis and design.



Faculty members and Students of Civil Engineering Department visited Indian Institute of Science on the Open Day March 1st 2025 at Bengaluru. They witnessed live experiments, Scientific Demos and participated in lectures



Dr. Muralidhar, Assistant Professor, Department of Civil Engineering and Students Nidhish Y, Nandan Patel, Harish D C and Supreeth presented the research paper titled:
“Manufacturing of stabilized mud blocks using jute fibre reinforcement” International Conference on Innovative Discoveries and Emerging Advancements in Applied Sciences.
(IDEAA-2024) 18th -20th April 2024, MAHSA University, Selangor, Malaysia.

3

Department of Civil Engg, MCE Hassan Faculty Research Paper Presentations March 1st 2025

Faculty members of Civil Engineering Department of our institute- Amrutha D S, Brunda B N, Chethan Kumar N T and Dr. Kishor Kumar S, presented their paper titled “Sustainable Eco-Friendly Approaches for the Treatment of Automobile Wash Water using Bio-Coagulant and Bio-Adsorbent” at the International Conference on River Resilience: Environmental Flows to River Health through the Lens of Ecosystem Services (ICRR 2025).

This conference was organised under the project entitled "Development of Guidelines for Environmental Flow in a River Located in the Humid Tropics" funded under SPARC (Scheme for Promotion of Academic and Research Collaboration), Ministry of Education, Government of India, from the 27th of February to the 1st of March 2025 at NIT, Calicut.





The International Women's Day event, "Celebration of Womanhood – Together for Gender Equality, Together for a Better World," organized by the ASCE Student Chapter – Civil Engineering Department, MCE, featured a keynote address by Dr. Sumana Jayaprakash, and was graced by Head of CED Dr. H. S. Narashimhan, ASCE Coordinators Mrs. Rashmi B R and Mrs. Brunda B N, along with esteemed lady faculty members and enthusiastic girls, were present, making the event memorable.

Department of Civil Engg, MCE Hassan PATENTS FILED

5	Madhushree C	Application No.202441103427 A
	Ullas M	Publication Date : 03/01/2025
	Preetham Gowda	Title of the invention : Pervious Concrete Kerbs for Enhanced Runoff Water Management on Highways
	Prapul H M	
	Likith Gowda	
	Krupa L R	
	Neha Prakash	
	Pruthvi N G	
	Dhanushree M	
	Rakshitha K M	

1	Madhushree C	Kushi M	Application No.202441103899 A Publication Date : 03/01/2025 (54) Title of the invention : Smart Street Lighting System with Automated Vehicle Detection and Energy Optimization
	Ajay C C	Bhavana S K	
	Sujan Kumar G K	Subramanya H M	
	Deepa K C	Pratheeksha M D	
	Deekshitha A	Greeshma Rajeshwari T P	
2	Madhushree C	Shivasharan	Application No.202441104126 A Publication Date : 10/01/2025 (54) Title of the invention : Performance of Ternary Blended Fiber-Reinforced Self-Compacting Concrete with Fly Ash, GGBS, and Metakaolin
	Anju	Vikas I R	
	Karthik A S	Manjunath N Kammar	
	Prajwal Gowda V	Adnan Ashraf Hajam	
	Paramesh Gowda B	Balram M K	
3	Madhushree C	Manoj Kumar H K	Application No.202441104107 A Publication Date : 10/01/2025 (54) Title of the invention : Biosorptive Treatment of RO Drain Water Using Banana and Orange Peel-Derived Adsorbents
	Chiranjeevi G R	Harshitha H P	
	Kushal C J	Aishwarya C S	
	Bhuvan Gowda T S	Deepika H V	
	Karunyo Bodh T S	Anusha P	
4	Madhushree C	Jarjo Poyom	Application No.202441103903 A Publication Date : 03/01/2025 Title of the invention : PLC-Based Automated Water Bottle Filling and Capping System Using Conveyor and Sensor Technology
	H A Samarth	Lubuka Koza	
	Hrithik M S	Limaonen Jamir	
	Jayanth C H	Hikupu Y Awomi	
	Likhith A	Rayan Iqbal Khan	

Department of Civil Engg, MCE Hassan ASCE STUDENT MEMBERSHIP DRIVE -2025 23.04.2025

American Society of Civil Engineers (ASCE) Student Chapter conducted membership drive on 23rd of April 2025.



Department of Civil Engg, MCE Hassan 3-day Workshop on "Preparation for GATE in Civil Engineering" from 28th to 30th of April 2025.

Chief Patrons

Sri. R. T. Dyave Gowda
Chairman, MTES(R), Hassan

Sri. Arjun Gurudev
Vice Chairman, MTES(R), Hassan

Sri. C. R. Jagadeesh
Secretary, MTES(R), Hassan

Dr. G. R. Srinivas
Joint Secretary, MTES(R), Hassan

Sri. H. D. Parshwanath
Treasurer, MTES(R), Hassan

Dr. A. J. Krishniah
Principal, MCE, Hassan

Dr. S. Pradeep
Director, MCE, Hassan

Dr. H. S. Narashimhan
Professor & Head, Dept. of Civil Engineering

For Enquiry

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bcm@mcehassan.ac.in

MALNAD COLLEGE OF ENGINEERING, HASSAN
(An Autonomous Institute Affiliated to VTU, Belagavi)
PG No. 21, Solapur Road, Hassan 573 202
Karnataka, India

DEPARTMENT OF CIVIL ENGINEERING

Organizes
Three-days Workshop on
PREPARATION FOR GATE
in
CIVIL ENGINEERING
28th - 30th April 2025

Resource Person

Mr. ARJUN CHHABRA
Faculty at ACE Engineering Academy, 8+ Years Teaching Experience in Acad. in Successful Engineering 5 times GATE Qualified

Organizing Committee

Dr. Manu K. C
Associate Professor

Mrs. Chandini M. S.
Assistant Professor

Mrs. Madhusree C
Assistant Professor

Mrs. Nudi Shree
Assistant Professor



SustaiNest is a student club formed b aimed at promoting sustainability awareness, innovation, and skills among students. With the growing relevance of sustainability in fields like urban planning, environmental consultancy, and corporate strategy, the club serves as a platform for practical exposure and collaborative learning.

SustaiNest, Department of Civil Engineering organized a 3-day Workshop on "Preparation for GATE in Civil Engineering" from 28th to 30th of April 2025. Arjun Chhabra, Faculty at ACE Engineering Academy served as a resource person for this workshop. Along with inhouse participants, students from GEC, Mosalehosalli, AIT, Chikkamagaluru and RIT, Hassan also attended this workshop.



Department of Civil Engg,

MCE Hassan WORLD ENVIRONMENT DAY “Beat Plastic Pollution” 2025 06-06-2025

The Department of Civil Engineering, MCE, Hassan, organized a celebration of World Environment Day on 6th June 2025 to spread awareness on environmental protection and the global campaign to Beat Plastic Pollution.

“Beat Plastic Pollution 2025” is a global initiative aimed at drastically reducing plastic pollution by the year 2025. The program aligns with the United Nations’ vision for a legally binding Global Plastics Treaty, improved waste management systems, reduced single-use plastics, and strengthened international cooperation.



MALNAD COLLEGE OF ENGINEERING, HASSAN
AN AUTONOMOUS INSTITUTION AFFILIATED TO VTU, BELAGAVI

DEPARTMENT OF CIVIL ENGINEERING

ORGANISING
ONE DAY WORKSHOP ON
“BEAT PLASTIC POLLUTION” 2025
IN LIGHT OF WORLD ENVIRONMENTAL DAY

SAVE THE EARTH FOR THE FUTURE

THIS WORKSHOP WILL SPOTLIGHT THE GROWING SCIENTIFIC EVIDENCE ON THE IMPACTS OF PLASTIC POLLUTION AND DRIVE MOMENTUM TO REFUSE, REDUCE, REUSE, RECYCLE, AND RETHINK PLASTICS USE. IT WILL ALSO REINFORCE THE GLOBAL COMMITMENT MADE IN 2025 TO END PLASTIC POLLUTION THROUGH A GLOBAL PLASTIC POLLUTION TREATY.

FACULTY COORDINATORS
DR. KISHOR KUMAR S
MRS. AMRUTHA D S
MRS. LAVANYA H D
MR. KRISHNA SWAROOP C D

MR. KUMARSWAMY D R
RESOURCE PERSON

DR. C. GIGGERED SATYADAS
SEMINAR HALL, CED

FRIDAY, JUNE 6TH 2025

H S NARASHIMHAN
PROFESSOR AND HEAD

DR. S PRADEEP
DIRECTOR

DR. A J KRISHNAIAH
PRINCIPAL

Department of Civil Engg,

MCE Hassan YAGACHI DAM VISIT ASCE STUDENT CHAPTER 13TH JUNE 2025

Technical Visit to Yagachi Dam on 13th June 2025 at 9:00 AM. The visit was conducted under the ASCE Student Chapter, an initiative of the American Society of Civil Engineers.

The session was led by Er. K. M. K. Sharma, Retired Executive Engineer, Kaveri Niravari Nigama, Arsikere, who shared valuable insights on the planning, design, construction, and operation of the Yagachi Dam. He explained the dam’s structural components, spillway mechanisms, irrigation benefits, and maintenance practices that ensure the dam’s sustainable performance and safety.

The visit was coordinated by Mrs. Brunda B. N. and Mrs. Amrutha D. S., Assistant Professors, Department of Civil Engineering, MCE Hassan, with academic guidance from Dr. H. S. Narashimhan, Professor and Head of the Department, and Dr. A. J. Krishnaiah, Principal, MCE Hassan.

This technical visit provided students with practical exposure to dam engineering and enhanced their understanding of hydraulic structures, water resource management, and field practices in large-scale civil projects.

MALNAD COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING

ASCE
STUDENT CHAPTER
Malnad College of Engineering

AN INITIATIVE OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

TECHNICAL VISIT
YAGACHI DAM

DATE: 13/06/2025
Time: 9 AM

Er. K. M. K. Sharma
Rtd. Executive Engineer Kaveri Niravari Nigama Arsikere

Chief Patron
Sri. R. T. Dyave Gowda
Chairman, MTES(R), Hassan
Sri. Arjun Gururaj
Vice Chairman, MTES(R), Hassan
Sri. C. R. Jagadeesh
Secretary, MTES(R), Hassan
Dr. G. R. Srinivas
Joint Secretary, MTES(R), Hassan
Sri. H. D. Pardewanth
Treasurer, MTES(R), Hassan
Dr. S. Pradeep
Director, MCE, Hassan

Mrs. Brunda B. N.
Assistant Professor
(ASCE Faculty Advisor)
MCE, HASSAN

Mrs. Amrutha D. S.
Assistant Professor
(Coordinator)
MCE, HASSAN

Dr. H. S. Narashimhan
Professor and Head
Dept of Civil Engineering
MCE, HASSAN

Dr. A. J. Krishnaiah
PRINCIPAL
MCE, HASSAN

The following students have participated in various professional and cultural events. Congratulations to all the students

S.N.	Name of the student	Name of the Event	Date of Event
1	Keerthana srinivas	48th Series of Student Project Program (SPP), 1-2 August, 2025 at Jawaharlal Nehru New College of Engineering (JNNCE) Shivamogga KSCST state level poster presentation	02.08.2025
2	Sushanth H U		
3	Thejaswini		
4	Harshitha A D		
5	Rumaan Sharief N	World of Concrete, India, Bombay Exhibition Centre, Mumbai	16.10.2024 to 18.10.2024
6	Rumaan Sharief N	One week Workshop on Innovation, Sustainability and Leadership (WISL) , organized by IEEE Region 10 Adhoc Committee on Entrepreneurship Innovation Ambassadors Team, Delhi Section.	14.07.2025 to 18.07.2025
7	Rumaan Sharief N	ASCE-India Section's Annual General Meeting 2024 Goregaon Exhibition Centre, Mumbai	18.10.2024
8	Rumaan Sharief N	TATA Imagination Challenge 2024	Aug 2024
9	Rumaan Sharief N	Re-Imagine Waste, 7th Edition, National Institute of Fashion Technology, Bengaluru	15.03.2025 to 23.03.2025
10	Rumaan Sharief N	Smorphi Imaginary Robotics Hackathon	10.01.2025
11	Kushal C J	VTU 24th State Level Youth Festival "INTERACT 2025" Global Academy of Technology, Bengaluru	24.03.2025 to 27.03.2025
12	Karunyo Bodh		
13	Sujan Kumar G K	Anveshana Building Bridges to Innovation, Regional Level Science and Engineering Fair, Bengaluru	28.02.2025 to 1.03.2025
14	Chiranjeevi G R		
15	Deepika H V		

The following students have presented research papers in conferences. Congratulations to all the students

S.N.	Name of student	Name of the Journal / Conference, etc.
1	Shreya B S	International Conference on Smart Infrastructure & Innovations in Civil Engineering ICSI CE-2025, May 21st 2025, Department of Civil Engineering, J.P College of Engineering, Ayikudi, Tenkasi.
	Jagadeesha K S	
	Rakshitha	
	Nachikethan	
2	Rachana. R	International Conference on Smart Infrastructure & Innovations in Civil Engineering ICSI CE-2025, May 21st 2025, Department of Civil Engineering, J.P College of Engineering, Ayikudi, Tenkasi.
	Manoj Kumar L	
	Surya Gowda	
	Sohan S Nataraj	
3	Sanjana V Kumar	International Conference on Materials, Energy, Environment & Manufacturing Sciences (MEEMS-2024) held at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal on 20th and 21st December 2024.
	Suhas gowda	
	Rhute kenye	
	Tsetan Gyatso	
4	SInchana S	International Conference on Materials, Energy, Environment & Manufacturing Sciences (MEEMS-2024) held at Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal on 20th and 21st December 2024.
	Raviraj	
	Arjun	
	Sanjay M S	
	Prakruthi H S	
	Shashank D H	
	Gowtham Raj S	

5	Prakruthi H S	International Conference on River Resilience: Environmental Flows to River Health through the Lens of Ecosystem Services, 27th February to 1st March, 2025 at NIT Calicut
	Sanju Ganagi	
	Syed Adnan B S	
6	Ranjitha M J	2nd International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA - 2025), SRM Institute of Science and Technology College of Engineering and Technology, Department of Civil Engineering, Tamil Nadu, 20th to 22nd March 2025
	Dhanya R S	
	Akshay M H	
7	Monisha M	International Conference on Smart Infrastructure and Innovation in Civil Engineering held at J.P College of Engineering, Ayikudi, Tenkasi on May 21st, 2025
	Tarun Patel	
	Shashank D H	
	Gowtham Raj S	



Department of Civil Engg, MCE Hassan Faculty and Students Research Paper Presentations

1 Prof. Madhushree C and students Syed Adnan, Ranjitha M J, Dhanya R S, Akshay M H have presented research paper titled “Integrating artificial neural networks and ordinary kriging for improved groundwater level predictions in semi-arid regions” in 2nd International Conference on Civil Engineering Innovative Development in Engineering Advances (ICC IDEA - 2025), SRM Institute of Science and Technology College of Engineering and Technology, Department of Civil Engineering, Tamil Nadu, 20th to 22nd March 2025. Congratulations



2. Prof. Madhushree C, and students Prakruthi H S and Sanju Ganagi have presented research paper titled “Assessing the influence of monitoring Station Density on Groundwater level Variability Analysis” at International Conference on River Resilience: Environmental Flows to River Health through the Lens of Ecosystem Services, 27th February to 1st March, 2025 at NIT Calicut



3. Prof Madhushree presented a research paper “Evaluating Station Density’s impact on Ground Water Level Estimation in a Semi Arid Karnataka Watershed” at ASCE Conference on Challenges and Innovations for Sustainable Smart Cities (CISSC 2025) organized by ASCE India Northern Region and Punjab Engineering College Chandigarh

Department of Civil Engg, MCE Hassan



The students of 3rd semester visited places of heritage as part of “Social Connect and Responsibility





Technical Visit to Yagachi Dam on 13th June 2025 at 9:00 AM.



The session was led by Er. K. M. K. Sharma, Retired Executive Engineer, Kaveri Niravari Nigama, Arsikere,

Department of Civil Engg, MCE Hassan

Faculties conferred PhD degree

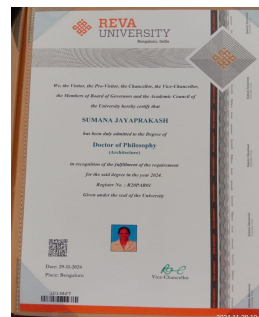
Dr. Sumana Jayaprakash

Degree: Ph.D. in Architecture

Awarded on: 29 November 2024

Thesis Title: DEVELOPING MODEL FOR
DEFINING AND EVALUATING
AREA FOR URBAN REGENERATION - A
CASE OF HASSAN CITY

Register No.:R20PAR01



Dr. Sumana Jayaprakash has been formally admitted to the Doctor of Philosophy degree upon satisfying all academic requirements prescribed by REVA University, Bengaluru.

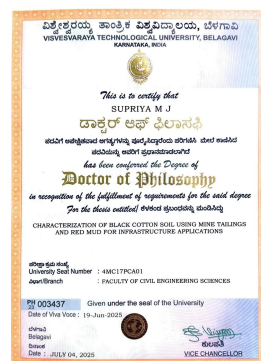
Dr. Supriya M. J

Degree: Ph.D. in Civil Engineering
Sciences

Awarded on: 04 July 2025

Thesis Title: Characterization of Black
Cotton Soil Using Mine Tailings and Red
Mud for Infrastructure Applications

USN: 4MC17PCA01



Dr. Supriya M. J has successfully completed her doctoral research and fulfilled all requirements of Visvesvaraya Technological University.