

Department of Environmental Engineering

ECO X PRESS !!

2ND EDITION
MAY - AUGUST 2025



A QUARTERLY MAGAZINE



Table of Contents



sl.no	Contents	Pg.no
1	HOD's Desk	3
2	About the Magazine	4
3	Editorial Board's Desk	5
4	Editorial Team	6 - 7
5	About the Department	8 - 9
6	Our Wonderful Faculty	10 - 15
7	Workshop and Achievements	16 - 25
8	Publications	26
9	Memorandum	27
10	Faculty with outside world	28
11	Departmental Activities	29 - 32
12	Interactions outside the world	33 - 52

From the HOD's Desk



Dr. Sadashiva Murthy B.M
Head of the Department

It gives me great pleasure to share a few reflections and updates from the Department of Environmental Engineering as we conclude another productive quarter. Environmental concerns remain at the forefront of global and local conversations. I am proud that our department remains steadfast in its commitment to education, research, and outreach that addresses these critical challenges.

This quarter has seen significant progress in our academic and research endeavours. Our faculty members and students have actively contributed to projects focusing on sustainable waste management, air and water quality monitoring, and innovative treatment technologies. The department's emphasis on interdisciplinary collaboration has led to partnerships with industries and government bodies, reinforcing the practical relevance and impact of our work. We have also prioritized student engagement through workshops, field visits, and technical talks, aiming to provide holistic learning experiences beyond the classroom. It is heartening to witness our students growing interest in environmental policy, climate action, and green innovation.

As we look ahead, our focus remains on fostering a culture of environmental stewardship, nurturing research that supports circular economy models, and equipping our students to become responsible engineers and changemakers. I encourage everyone in our community to continue thinking critically, collaborating openly, and acting sustainably.

Thank you for being a part of our journey. Let us keep moving forward together for a cleaner, greener future.





About the Magazine

The Environmental Engineering Department Magazine captures the essence of our department's academic and co-curricular journey. It showcases the achievements of students and faculty, departmental activities, events, projects, industrial visits and workshops conducted throughout the year. This magazine serves as a platform to highlight the vibrant student participation, innovative learning approaches, and the overall growth of our department. It reflects the collaborative spirit, dedication and enthusiasm that drive both students and staff. Every page is a testament to the continuous efforts made to enhance the learning environment and uphold the values of our department.





From the Editorial Board's Desk



It's a privilege to start the Editorial Board in the Department of Environmental Engineering with a bunch of energetic students as a team. The magazine describes the personal reflections of faculty and staff on teaching and research to in-depth analysis of educational trends or specific topics.

The magazine insights keep us informed about news, achievements, research, teaching practices, and offer a deeper insight into the work of faculty/students. It provides insight into academia, actively soliciting contributions from faculty/students, offering a platform to share their expertise and engage with a broader audience.

It includes reflections on student engagement, faculty academic updates, and the impact of their research. It presents real-world examples of their work, such as teaching strategies, innovative research projects, or impactful collaborations. The academic insights also stand as a platform for educational experts and professionals to pen down their thoughts on various new-gen teaching practices and dynamics of the education domain.

We ensure that Academic Insights will help revolutionize and elevate the education system.



Parinitha T Niranjana
Faculty Coordinator
Editorial Board



Editorial Team

ADVIKA NAYANA ITTIRA
6TH SEM



SIYA P DILEEP
6TH SEM



PREETHAM K
6TH SEM



PUNITH G BHAT
4TH SEM



VAISHNAVI VS
4TH SEM



NISHITHA PARVATHI BM
4TH SEM



About the Department



**ERASE
EARTH'S
EROSION**





About the Department

It started as an offshoot of Civil Engineering; a humble beginning was made in 1987 as Centre for Environmental Science and Technology (CEST) to promote and start a new programme in Environmental Engineering catering to the needs of the developing society. B.E. (Civil and Environmental Engineering) and M.Tech., (Environmental Engineering) with the financial support from CPHEEO, Ministry of Urban Development, Govt. of India, New Delhi were started under the umbrella of CEST. In the year 1993, the Govt. of Karnataka has accorded grant-in-aid status to the department and since then the Department of Environmental Engineering is working as a full-fledged academic and research department. Both Undergraduate and Postgraduate Programmes of Environmental Engineering have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi. The Department had started a cross disciplinary Masters programme in Health Science and Water Engineering during 2009 which was an outcome of an international collaboration with Govt. of France.



Vision

To produce knowledgeable, skilled and committed Environmental Engineers with adequate input from humanities, science, engineering and technology to effectively tackle the challenging environmental problems of the contemporary world and to be the Centre of Excellence in Environmental Engineering Education, Research and Consultancy



Mission

- To provide quality education through dynamic and up-dated curriculum, and
- conducive teaching – learning environment for students to excel in their career
- To impart both soft and hard skills through state of the art infrastructural facilities
- To create a pool of competent members of the faculty with commitment to involve in teaching, applied and inter disciplinary research, and consultancy
- To establish a fair and transparent mechanism of assessment and evaluation to
- develop confidence amongst the stake holders.
- To build industry – institute symbiosis and to establish good rapport with alumni

Our Wonderful Faculty



Dr. Ravishankar D
Ph. D.
Professor of Practice



Dr. D. Istalingamurthy
Ph. D.
Professor

Dr. B. M. Krishna
Ph. D.
Professor



Mr. B. P. Shivakumar
M. Tech., Environmental Engineering
Assistant Professor

Dr. Pushpa Tuppad
Ph. D.
Professor & Dean i/c (Academic)





Dr. Savitha Ulavi
Ph. D.
Assistant Professor

Ms. Thanushree M. S
M.Tech., Environmental Engineering
Assistant Professor



Ms. Sahana M
M.Tech., Environmental Engineering
Assistant Professor

Ms. Parinitha T Nirranjan
M.Tech., Health Science and Water
Engineering
Assistant Professor



Dr. Vishishtta Nagaraj
Ph. D.
Assistant Professor





Mr. Chandrashekar B
M.Tech., Environmental Engineering
Assistant Professor



Mr. Shivaprasad K S
M.Tech., Environmental Engineering
Assistant Professor

Mr. Trishul A M
M.Tech., Environmental Engineering
Assistant Professor



Dr. Yashas R
Ph. D.
Assistant Professor

Non Teaching Faculty



Mr. Narasimha
ITI
Instructor



Mrs. Hemalatha
Prabhushwamy
B.E., M.Sc, M.Tech
Instructor



Mrs. Meenakshi D V
DEC
Instructor



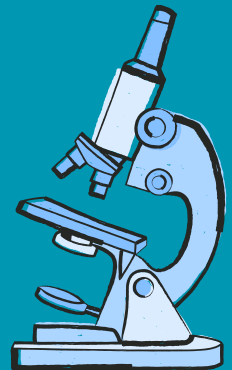
Mr. Vinod Raj R
B.E.
Instructor



Mr. Parameshwarappa
PUC
Lab Helper

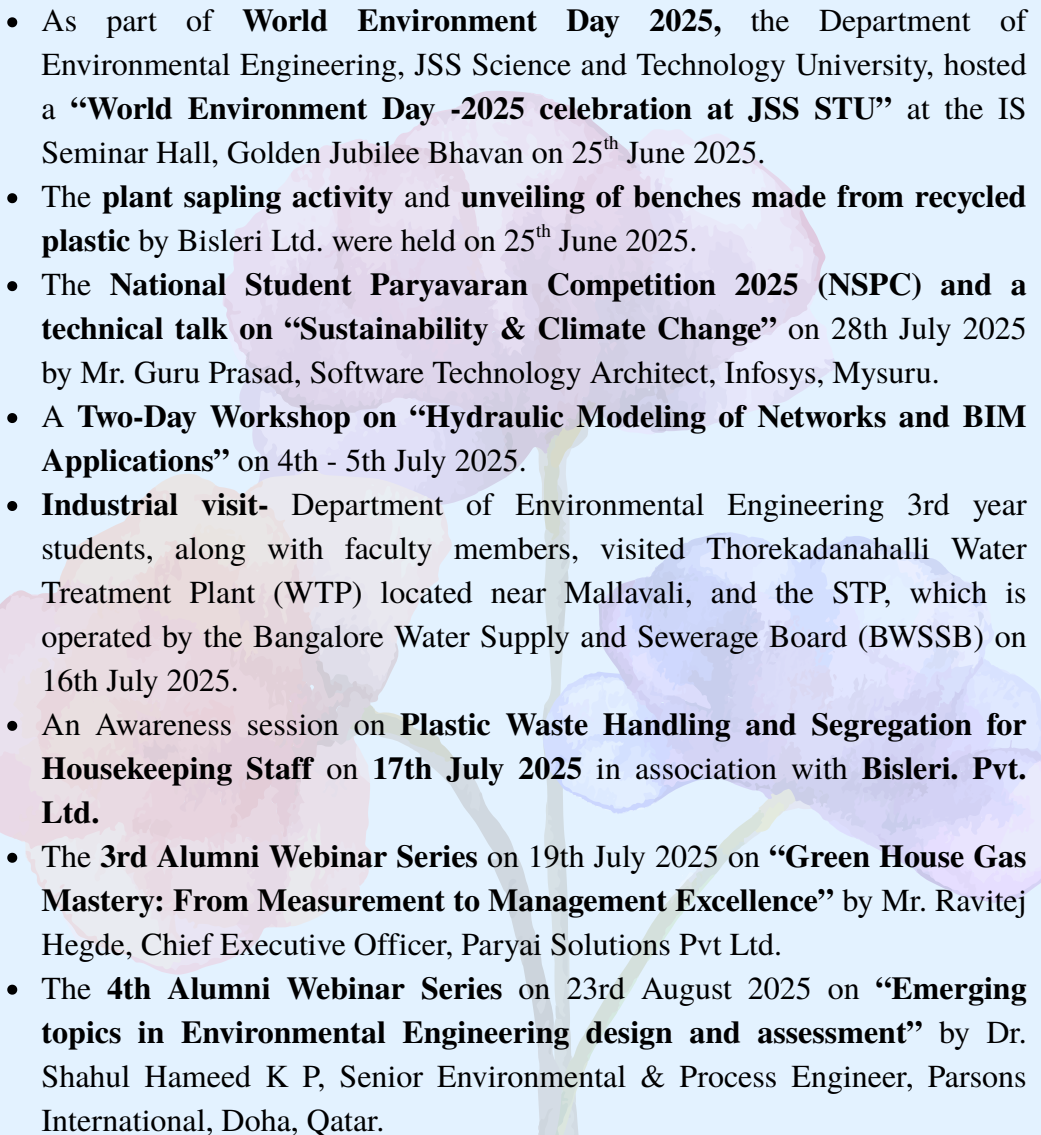


Mr. Nagamallappa S N
ITI
Lab Helper



WORKSHOP / SEMINAR / INVITED TALK/FEST ORGANISED

- As part of **World Environmental Day 2025**, the district administration of Mysuru jointly organized the **Pond and Kalyani clean-up drive and awareness campaign** with Karnataka State Pollution Control Board (Regional Office Mysuru Rural and Urban), Madilu Educational and Rural Development Society, Mysuru, Nagavala Gram Panchayath, **JSS Science and Technology University, Mysuru**, MIT Thandavapura, VVCE Mysuru, and various industries on 21st May 2025, at Bommenahalli.
- The **1st Alumni Webinar Series** on 24th May 2025, on “**Industrial Wastewater Treatment and Management**” by Dr. Shobhan Majumder, Excellence Manager, United Brewery Ltd, Nanjungud.
- As part of **World Environment Day 2025**, the **Department of Environmental Engineering, SJCE, JSSSTU, Mysuru**, jointly organized an awareness rally and sapling plantation under the global theme “**End Plastic Pollution**” along with the District Administration, District Legal Services Authority, Karnataka State Pollution Control Board (KSPCB), Mysuru Regional Offices 1 & 2, Madilu Education and Rural Development Organisation, and other stakeholders on 5th June 2025.
- A **Career guidance Program** from Bulls Eye, Mysuru was organized on 16th June 2025 at 12.30 PM in the Department Seminar Hall (IP003) for 6th sem UG students. Mr. Revanth M. S., Senior Manager Business Operations, Bulls Eye, Mysuru, was the resource person for the program. About 46 students of the pre-final year were the audience for the program.
- The **2nd Alumni Webinar Series** on 21st June 2025 on “**Automation of water and wastewater treatment plant**” by Mr. Arjun R, Managing Director, ParyAL Solutions Pvt Ltd.

- 
- As part of **World Environment Day 2025**, the Department of Environmental Engineering, JSS Science and Technology University, hosted a **“World Environment Day -2025 celebration at JSS STU”** at the IS Seminar Hall, Golden Jubilee Bhavan on 25th June 2025.
 - The **plant sapling activity and unveiling of benches made from recycled plastic** by Bisleri Ltd. were held on 25th June 2025.
 - The **National Student Paryavaran Competition 2025 (NSPC) and a technical talk on “Sustainability & Climate Change”** on 28th July 2025 by Mr. Guru Prasad, Software Technology Architect, Infosys, Mysuru.
 - A **Two-Day Workshop on “Hydraulic Modeling of Networks and BIM Applications”** on 4th - 5th July 2025.
 - **Industrial visit-** Department of Environmental Engineering 3rd year students, along with faculty members, visited Thorekadanahalli Water Treatment Plant (WTP) located near Mallavali, and the STP, which is operated by the Bangalore Water Supply and Sewerage Board (BWSSB) on 16th July 2025.
 - An Awareness session on **Plastic Waste Handling and Segregation for Housekeeping Staff** on **17th July 2025** in association with **Bisleri. Pvt. Ltd.**
 - The **3rd Alumni Webinar Series** on 19th July 2025 on **“Green House Gas Mastery: From Measurement to Management Excellence”** by Mr. Ravitej Hegde, Chief Executive Officer, Paryai Solutions Pvt Ltd.
 - The **4th Alumni Webinar Series** on 23rd August 2025 on **“Emerging topics in Environmental Engineering design and assessment”** by Dr. Shahul Hameed K P, Senior Environmental & Process Engineer, Parsons International, Doha, Qatar.

WORKSHOP /SEMINAR / FDP/ TRAINING ATTENDED

- **Lake clean-up drive-** Dr. Sadashiva Murthy B M, Professor & Head, Mr. B P Shivakumar, Dr. Vishishtta Nagaraj, Mr. Shivaprasad K S, Mr. Trishul AM and Mrs. Hemalatha Prabhuswamy participated in the Lake and Kalyani cleaning drive organized Karnataka State Pollution Control Board (Regional Office Mysuru Rural and Urban), Madilu Educational and Rural Development Society, Mysuru, Nagavala Gram Panchayath, **JSS Science and Technology University, Mysuru**, MIT Thandavapura, VVCE Mysuru, and various industries on 21st May 2025, at Bommenahalli.
- **Dr. Sadashiva Murthy B M, Professor & Head, Mr. B P Shivakumar, Mrs. Thanushree M S, Mrs. Parinitha T Niranjana, Dr. Vishishtta Nagaraj, Mr. Chandrashekar B, Mr. Shivaprasad K S and Mrs. Hemalatha Prabhuswamy** participated in **Two-day training on “Low Carbon Buildings”** organized by IGBC and CII, Mysore on 29th and 30th May 2025 at JSSSTU, Mysuru.
- **Mr. B P Shivakumar, Dr. Vishishtta Nagaraj, Mr. A M Trishul, and Mrs. Hemalatha Prabhuswamy** actively participated and completed a one-week Faculty Development Programme on **"A Practical Approach to Cybersecurity and Digital Forensics"** organised by E&ICT Academy, IIT Guwahati, held from 02nd June to 06th June 2025 in association with JSS Science and Technology University, Mysuru.
- **Mrs. Hemalatha Prabhuswamy and Mr. Vinod Raj**, had attended 4 days training program on **"Laboratory Quality Management System as per ISO/IEC 17025:2017, Internal Audit and Measurement Uncertainty Concepts"** from 24/06/2025 to 27/06/2025 @ Electronics Test and Development Centre (ETDC), Government of India, STQC Directorate, Ministry of Electronics & IT., Peenya, Bengaluru.
- **Mrs. Hemalatha Prabhuswamy, Mr. Narasimha, Mrs. Meenakshi, and Mr. Vinod Raj R** participated in the Professional Development Program on **"Work Effectiveness and Personality Development"** held on 07th July 2025, organized by IQAC, JSS STU, Mysuru.

WORKSHOP /SEMINAR / FDP/ TRAINING ATTENDED

- **Dr. Savita Ulavi, Mrs. Parinitha T Niranjana, Mr. Shiva Prasad K S, Mr. Trishul A M, and Dr. Yashas S R** attended the Brainstorming session on “**Funding opportunities in Research**” held on 02nd August 2025, organized by the Dean Research, JSSSTU, Mysuru.
- **Mr. Trishul A M and Dr. Yashas S R** attended a six-day online international faculty development program (FDP) on “**Next Generation Research on Energy Materials**”, organized by the Department of Physics and Chemistry, Vel Tech Multi Tech-Dr. Rangarajan, Dr. Sakunthala, Engineering College, Avadi, Chennai, from 04/08/2025 to 09/08/2025.
- **Dr. Sadashiva Murthy B M, Dr. Pushpa Tuppad, Dr. Savita Ulavi, Mrs. Parinitha T Niranjana, Mr. Shiva Prasad K S, Mr. Trishul A M, and Dr. Yashas S R** attended the **faculty training program** in association with Intel under “**AI for Future Workforce**” organized by **JSSSTU, Mysuru**, by Virtual mode from 11th to 14th August and 18th to 20th August 2025.
- **Final year M. Tech students** attended **International Youth Day- 2025** on 19th August 2025 in association with DoS in Social Work, UoM, Hanns Seidel Foundation (HSF), **Grassroots Research and Advocacy Movement (GRAAM)** at Vigyana Bhavana, Manasa Gangotri Campus, UoM.
- **Dr. Ravishankar D, Mr. Trishul A M, Dr. Yashas S R, and Mrs. Hemalatha Prabhuswamy** attended a three-day faculty development program (FDP) on “**Introduction to Universal Human Values**” curated by AICTE and hosted by JSS Polytechnic, Mysuru from 21st – 23rd August 2025.

AWARD, RECOGNITION OR ACHIEVEMENT BY THE FACULTY OR THE STUDENTS

- **Dr. Ravishankar** was appointed as a **Professor of Practice** in the Department of Environmental Engineering in May 2025.
- The **Departmental Editorial Board** has been framed with **student coordinators**: Advika Nayana Ittira, Nishitha Parvathi B M, Siya P Dileep, Vaishnavi V S, Punith Bhat, and Preetham K from the 2nd and 3rd year B.E., **Faculty coordinator**: **Parinitha T Niranjana**, chaired by **Dr. Sadashiva Murthy B M, Professor & Head**.
- **Dr. Pushpa Tuppad** was appointed as a **Dean (Academic)** in charge of the university in June 2025.
- The **Department of Environmental Engineering**, JSS Science and Technology University, received an '**Appreciation Certificate**' from the KSPCB Regional Office, Mysuru, for its active participation in year-round activities on World Environmental Day, and the certificate was received by Dr. Vishishtta Nagaraj and Mrs. Hemalatha Prabhuswamy on 13th June 2025, held at JK Tyres, Mysore.
- **Student volunteers** from the Department of Environmental Engineering, JSSSTU, in association with Bisleri International Pvt. Ltd., have performed a play on the dais and created awareness among the public about the importance of the 5Rs in daily life for effective plastic waste management, held in Maharaja Grounds on 21st June 2025.
- **Mrs. Hemalatha Prabhuswamy** participated in the online **World Environmental Day Quiz, 2025**, conducted by CPCB Regional Directorate Bengaluru from 1st to 5th June 2025.
- **Dr. Pushpa Tuppad, Dr. Vishishtta Nagaraj, Mrs. Hemalatha Prabhuswamy, Mr. Chandrashekar B, Mr. Shivaprasad K S, and Mr. Trishul A M** participated in **International Yoga Day** held on 21st June 2025 at Mysuru Palace.
- **Dr. Pushpa Tuppad** was part of a **Subject expert** for the selection of faculty members to the Department of Civil Engineering, SIT, Tumkur in June 2025.
- **Mr. Shivaprasad K S** has been appointed as the department-level **ISO coordinator**.

- **Dr. Sadashiva Murthy B.M., Professor and Head, and an IEI Committee member,** was present during the talk on **“Prevention of Plastic Pollution”** on 30th June 2025, organized by IEI, Mysore. The key speaker was **Mr. Suresh Heblikar, Kannada Film Actor and Environmentalist.**
- **Dr. Sadashiva Murthy B M, Professor & Head,** has been **invited** for participation in the **Swachh Survekshan Awards** Ceremony being organised on 17th July 2025 at Vigyan Bhawan, New Delhi.
- **Dr. Sadashiva Murthy B M, Professor & Head,** had been invited as a **mentor** for the **Y4G Mentor’s Meeting** for the Y4G Fellowship held on 28th July 2025 by GRAAM, Mysuru.
- **Nishitha Parvathi B M,** from the 2nd year, participated and won **2nd place** in the **discus throw** conducted by the Department of Physical Education in the **annual interbranch Athletics** on 17th July 2025.
- **B M Manoj, Koushik, Hithaishini, and Dhanya,** from the **1ST and 2nd year,** participated and won **3rd place** in the **mixed relay** conducted by the Department of Physical Education in the **annual interbranch Athletics** on 17th July 2025.



- **Dr. Sadashiva Murthy B M** appointed as a **new member** to **ISHRAE, Mysore Chapter** during August 2025.
- Dr. Pushpa Tuppad chaired three sessions on the theme **“Environment, Sustainability, and Social Responsibility”** in the ‘International Conference on Digital Innovation and Transformation in South East Asia’, held on 20th and 21st August 2025, organized by JSS Science and Technology University, Mysuru, Karnataka, India.

The **2nd year B.E. students (Nishitha Parvathi B M & Manasa Y)** from the **Department of Environmental Engineering** participated and **won 1st and 2nd place** in the senior and junior category **City level Khelo India- weightlifting** competition organized by the **Department of Physical Education, JSSSTU, Mysuru** on 18th August 2025.



Dr. Ravishankar D, Dr. Vishishtta Nagaraj, Mr. Shivaprasad K S, and Mrs. Hemalatha Prabhuswamy attended a **stakeholders meeting** on 22nd August, 2025 called by Mysuru City Corporation (MCC) Commissioner Shaikh Tanveer Asif, involving civic groups, NGOs, and Associations, among others, at MCC Zone-3 office at Sharadadevinagar.



Mrs. Parinitha T Niranjana, Mrs. Hemalatha Prabhuswamy, and Mr. Narasimha were resource persons, conducted **Microbial analysis of water samples (RO and Tap water)** and demonstrated MTFT and MFT methods to participants of the ICMR-funded **5-day workshop on “Harnessing Bacteriophages and One Health approaches to combat AMR”** organized by the Department of Biotechnology on 21st August 2025.



PUBLICATIONS BY THE FACULTY/ STUDENTS

- **Mahesh Sahana, Krishna Benamanahalli Motaiah, Mahesh Shivaswamy, Vikram Kumar Jain Shanthilal, Pushpa Tuppad, and P. C. Srinivas.** "Electrochemical coagulation of raw dental wastewaters using copper electrodes." *Brazilian Journal of Chemical Engineering* (2025): 1-13. <https://doi.org/10.1007/s43153-025-00556-1>, Q3 quartile, IF 1.5.
- **Mahesh, Sahana, Krishna Benamanahalli Motaiah, Mahesh Shivaswamy, Manasvi Nandigunda Subramani, and Vikram Kumar Jain Shanthilal.** "Dental wastewater treatment using electro-chemical coagulation unit process." *Separation Science and Technology* 60, no. 9-10 (2025): 1171-1188. <https://doi.org/10.1080/01496395.2025.2483761>, Q2 quartile, IF 2.3.
- **Delwin Pullokarar, Ankur Bhardwaj, Diksha Haswani, Ramya Sunder Raman, Deeksha Shukla, Abisheg Dhandapani, Jawed Iqbal, Naresh Kumar R, Sadashiva Murthy BM, and Laxmi Prasad** (2025), Advancing PM2.5 Source Apportionment through Dispersion Normalized PMF: A Comprehensive Study across India, EGU General Assembly 2025 <https://doi.org/10.5194/egusphere-egu25-1087>
- **Tuppad, P., Gowda, S.S., Srivatsa, N., Rakshitha, H.D., Apoorva, M., Rakshitha, N.Y. (2025).** From Trash to Treasure: The Rise of Plastic Construction. In: Suriyanarayanan, S., H. P., S., Pakeerathan, K. (eds) *Combating Plastic Pollution in Terrestrial Environment*. Springer, Singapore. https://doi.org/10.1007/978-981-96-2343-3_13
- **Jean-Philippe Putaud, Fabrizia Cavalli, Karl Espen Yttri, Judith C. Chow, John G. Watson, Sadashiva Murthy et.al.,** "A worldwide aerosol phenomenology: Elemental and organic carbon in PM2.5 and PM10", *Atmospheric Environment* 358 (2025) 121338, <https://doi.org/10.1016/j.atmosenv.2025.121338>

MEMORANDUM OF UNDERSTANDING SIGNED

Department of Environmental Engineering, JSS Science and Technology University had a Memorandum of Understanding (MoU) with Bisleri International Pvt. Ltd. on 13th June 2025.



JSS Science and Technology University had a Memorandum of Understanding (MoU) with Bisleri International Pvt. Ltd.

PROJECT PROPOSALS SUBMITTED TO THE FUNDING AGENCY

Dr. Yashas S R, Assistant Professor (as PI) and Dr. Sadashiva Murthy B M, Professor and Head (as Co-PI) have submitted a research proposal on the topic, 'Evaluation of value-added olive pomace-based biochar for the treatment of olive mill wastewater', towards the recent call for proposals from the Department of Science and Technology, Govt. of India, under the bilateral scientific and technological cooperation between the Republic of Tunisia and the Republic of India.

DEPARTMENTAL ACTIVITY

Pond and Kalyani Swachhatha Campaign

As part of **World Environment Day-2025**, Pond and Kalyani clean-up drive and awareness campaign were jointly organized by the district administration of Mysuru, Karnataka State Pollution Control Board (Regional Office Mysuru Rural and Urban), Madilu Educational and Rural Development Society, Mysuru, Nagavala Gram Panchayath, **JSS Science and Technology University**, Mysuru, MIT Thandavapura, VVCE Mysuru, and various industries on 21st May, 2025 at Bommenahalli. The clean-up drive cum awareness program was formally inaugurated by Sri. S Rajashekar, Senior E.O., KSPCB, addressed the gathering by saying the goal is to create cleaner, healthier environments while raising awareness about the importance of keeping our surroundings clean.



“A CLEAN LAKE, A HEALTHY FUTURE”

DEPARTMENTAL ACTIVITY

OPEN DAY 2025

The **JSS Science and Technology University** had conducted **Open Day 2025** on 31st May 2025, and the **Department of Environmental Engineering** exhibited their department profile, research areas, students' projects, demo of instruments, and working models to the visitors. The department had displayed a **Bisleri unit stall**, where the reuse of plastic bottles was used to make benches. Students from the department executed a **street play on the Ban on single-use Plastic** and raised awareness among the public on minimizing it as much as possible.



Open Day 2025

Street Play on Ban of
Single use Plastic



DEPARTMENTAL ACTIVITY ORGANIZED

WALKATHON AND PLANTATION DRIVE IN VIEW OF WORLD ENVIRONMENT DAY 2025

As part of the World Environment Day 2025 celebration, **Dr. Sadashiva Murthy B.M., Professor & Head**, Mr. Shivaprasad K S, Mr. A M Trishul and Mrs. Hemalatha Prabhuswamy, along with 4th and 6th sem BE students, Department of Environmental Engineering, SJCE, JSSSTU, actively participated in an awareness rally and sapling plantation programme organized on 5th June 2025 under the global theme **“End Plastic Pollution”**. The event witnessed the participation of Justice Amarnath K K, District Legal Services Cell; Prof. Chandrashekar, KSOU; and Environmental Officers Mr. Kumar and Mr. Sunil from KSPCB Region 1 & 2, Mysuru, along with faculty members, students, and community members.

The programme was jointly organised by the District Administration, District Legal Services Authority, Karnataka State Pollution Control Board (KSPCB), Mysuru Regional Offices 1 & 2, Madilu Education and Rural Development Organisation, JSS Science and Technology University (JSSSTU), and other stakeholders, promoting greater environmental awareness and action. The event commenced at the Old DC office and concluded at the Kaveri Auditorium, KSOU, Mysuru. The primary goal of the walkathon was to raise public awareness about **“Ending Global Plastic Pollution”** and to encourage individuals to reject single-use plastics. The event was officially inaugurated by Sri. Amaranath K K, Senior Judge and Member Secretary of the District Law Service Authority, emphasised the significance of environmental stewardship and the urgent need to combat plastic pollution for a sustainable future.



Photographs taken during the event

DEPARTMENTAL ACTIVITY ORGANIZED

CLEAN-UP DRIVE & AWARENESS SESSION

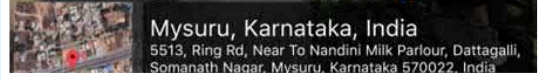
The **Department of Environmental Engineering** organized **World Environment Day -2025**, a clean-up drive & awareness session in association with Confederation of Indian Industries (CII), Mysuru Chapter, and Mysuru City Corporation (MCC) on 14th June 2025 across Mysuru Ring Road. This mega clean-up drive cum awareness session was accompanied by a dedicated team of 150 plus students and faculty members from JSS Science and Technology University, Mysuru, covering a stretch of 1.2 km from Aditya Circle to KEB Junction. This initiative truly showcases the power of community engagement at JSSSTU and the unwavering commitment of our students and faculty towards environmental sustainability.

From the Department of Environmental Engineering, SJCE, JSSSTU Mysuru, **Dr. Sadashiva Murthy B M, Professor and Head**, along with **Dr. Pushpa Tuppad, Mr. Chandrashekar, Dr. Vishishtta Nagaraj, Mr. Shivaprasad K S, Mr. A M Trishul, Mrs. Hemalatha, Mrs. Thanusree M S, Mrs. Parinitha T Nirnanjan**, and **50 no. of students** positively participated in this ring road clean-up drive for a better environment.





Mysuru, Karnataka, India
N^h 275k, Mysuru, Karnataka 570023, India
Lat 12.284087° Long 76.61118°
14/06/2025 08:25 AM GMT +05:30



Mysuru, Karnataka, India
5513, Ring Rd, Near To Nandini Milk Parlour, Dattagalli, Somanath Nagar, Mysuru, Karnataka 570022, India



Mysuru, Karnataka, India
N^h 275k, Mysuru, Karnataka 570023, India
Lat 12.284042° Long 76.61121°
14/06/2025 08:50 AM GMT +05:30



Later, all the volunteers from various industries/organizations were gathered at Maharaja Ground for an awareness session themed **“Namma Mysuru, Swaccha Mysuru,”** which was addressed by Mr. Shaikh Tanveer Asif (IAS), Commissioner of Mysuru City Corporation, who inspired the gathering by highlighting the importance of waste management. The officers from CII Mysuru Chapter, Mysuru City Corporation, and Dr. Haraprasad N, Dean (Quality Assurance and Accreditation), Dr. Sadashiva Murthy B M, Professor & Head, Department of Environmental Engineering, and Dr. Vanishree Arun, Associate Dean (Publications) have witnessed the event on the dais. Student volunteers from the Department of Environmental Engineering, JSSSTU, in association with Bisleri International Pvt. Ltd., have performed a play on the dais and created awareness among the public about the importance of the 5Rs in daily life for effective plastic waste management.

DEPARTMENTAL ACTIVITY ORGANIZED

WORLD ENVIRONMENT DAY 2025- SWACHH BHARAT GREEN PLEDGE

The **Department of Environmental Engineering** actively participated in **World Environment Day 2025** on campus by taking the **Swachh Bharat Green Pledge**, which was signed by all staff and students from the university on 5th June 2025.



Swachh Bharat Green Pledge

DEPARTMENTAL ACTIVITY ORGANIZED

Anjana Kumari, Assistant Director, CPCB, Bengaluru, an alumnus (Batch 2005-2009), visited the department and interacted with staff and students on 03rd June 2025. The oath-taking was held by the CPCB member for all the students and staff.



MOU WITH BISLERI INTERNATIONAL PVT. LTD.- ACTIVITY

New benches thoughtfully crafted from recycled plastic as a symbol of our commitment to sustainability were unveiled on 25th June 2025 during the World Environment Day-2025 celebration, which Bisleri International Pvt. Ltd. presents as part of their recent MoU with our University.



Unveiling of benches made out of recycled plastic from Bisleri Pvt. Ltd.

DEPARTMENTAL ACTIVITY ORGANIZED

TWO-DAY WORKSHOP ON “HYDRAULIC MODELING OF NETWORKS AND BIM APPLICATIONS”

The Department of Environmental Engineering, Sri Jayachamarajendra College of Engineering, JSS Science and Technology University (JSS STU) organized a **Two-day workshop** titled “**Hydraulic Modeling of Networks and BIM Applications**” on **04th and 05th of July, 2025**, at the JSSSTU campus.



Guest speakers with the faculty during the inauguration of the workshop

Mr. Dharmendra C N, Associate Technical Director, Arcadis, Bengaluru, Mr. Naveen J M, Principal Engineer, Arcadis, Bengaluru, Mr. Rajesh Mandava, BIM Manager, Arcadis, Bengaluru, Guest of Honor Dr. Ravishankar D, Professor of Practice, Dr. Sadashiva Murthy B M, Professor & Head, and Workshop convenor Dr. D Istalingamurthy, Workshop coordinators: Mr. B P Shivakumar, Mrs. Parinitha T Niranjana and Mr. Trishul A M were present for the inaugural event.

INDUSTRIAL VISIT TO WTP and STP

As a part of academic learning, the objective was to understand the real-time operation, technologies, and processes involved in the treatment and supply of drinking water to Bangalore city. In this context, on **09 July 2025**, the students of the 6th semester, along with three staff members of the Environmental Engineering department, visited the **Thorekadanahalli Water Treatment Plant (WTP) located near Malavalli**. It is operated by the **Bangalore Water Supply and Sewerage Board (BWSSB)**. **Dr. D. Istalingamurthy, Mr. B P Shivakumar, and Mrs. Meenakshi D** were coordinators for the field visit.



Water Treatment Plant, T.K.Halli



Sewage Treatment Plant , Bengaluru

DEPARTMENTAL ACTIVITY ORGANIZED

AWARENESS SESSION ON PLASTIC WASTE HANDLING AND SEGREGATION FOR HOUSEKEEPING STAFF

As part of our sustainability initiatives and recent MoU between JSS Science and Technology University, Mysuru, and Bisleri International Pvt. Ltd., we conducted a special awareness session for our housekeeping staff on 17th July 2025 at the campus for responsible plastic waste management. The session aimed to educate and empower our frontline team on the importance of plastic waste segregation, responsible disposal, and their vital role in driving eco-friendly practices.



Awareness session for our housekeeping staff

DEPARTMENTAL ACTIVITY ORGANIZED

National Student Paryavaran Competition 2025 (NSPC) and a technical talk on “Sustainability & Climate Change”

The National Student Paryavaran Competition (NSPC) 2025 is a visionary initiative aimed at inspiring youth to actively engage in environmental protection and sustainability. Department of Environmental Engineering organized **National Student Paryavaran Competition 2025 (NSPC) and a technical talk on “Sustainability & Climate Change”** on **28th June 2025** by **Mr. Guru Prasad, Software Technology Architect, Infosys, Mysuru.**



ALUMNI VISIT TO THE DEPARTMENT

Dhanush R, an alumnus of the Department of Environmental Engineering (SJCE, 2013–17 batch), visited the department on 01st August 2025 currently works as the **GIS Lead** at The Shola Trust, an NGO based in Gudalur, Tamil Nadu.



The 1st batch of M. Tech, Environmental Engineering (SJCE, 1987-89 batch), **Mr. Paramesh Haluradhyia, Environmental Consultant, Australia** visited the department on 06.08.2025 and interacted with faculty and 1st year M. Tech students.



The 4th batch of M. Tech, Environmental Engineering (SJCE, 1992 batch), **K T Veerabhadraswamy, Senior Manager, TCE, Bengaluru**, visited the department on 22.08.2025 and interacted with faculty and Final year M. Tech students.



RESEARCH & REFLECTIONS

CLIMATE CHANGE, SUSTAINABLE DEVELOPMENT AND ETHICS

Urbanization is the order of the day as the Engine of Economic growth. Along with facilities & Comfort, it also poses challenges in managing delivery of Urban Services, Governance and maintenance of peace and harmony not only among human being but also with other species and environment. The concept of Sustainable Development (SD) was first proposed in the “Brundtland Report” (1987) which defined it as “Development that meets the needs of the present without compromising the ability of future generations to meet their own needs”. Sustainable Development is a dynamic, balanced and adoptive evolutionary process in the use of natural resources. The natural resources consumption should not be beyond its “Regenerative Capacity” of the environment. In its broadest sense the strategy of SD aims to promote harmony among human beings, other species and nature.

New Education Policy -2020 has focused on harnessing Creative Human Potential for Nation Building and World Peace & Harmony. All India Council for Technical Education (AICTE) has introduced – Environmental Studies and Universal Human Values (UHV) as a Compulsory Subjects to sensitize students on importance of Environmental Protection (External) and Human Behavior (Internal) for long term Sustainability.

The Concept of Vasudaiva Kutumbakam is possible when Environmental Protection and Human Inner Values are balanced. Economic Development is a requirement but not at the cost of Environment Destruction. But, Environmental Protection is possible only when Human inner environment (Ethics) is clear. When Human being can lead Quality Life with innate feelings of Trust, Love, Affection, Truth, Justice etc, spending on material possessions and consumption get moderated and equitable use of resources effectively & efficiently by all the stake holders on the earth is possible.

Dr D Ravishankar Professor of Practice

ಕವನ ರಚನೆ

ನಮ್ಮೂರಿನ ಕಲೆಗಾರ

ಸ್ವರದೇವಿಯ ಧರಣಿಗಳಿಸಿದ ಸುಕುಮಾರ
ಮಾರ್ಚ್ ಹನ್ನೆರಡರ ಪ್ರಸಿದ್ಧಿಯ ಪಾಲುದಾರ
ಅಮೆರಿಕ ಮನಗಳ, ಕದ್ದ ಕನ್ನಡ ಚೋರ
ಗ್ರಾಮಿ ಪ್ರಶಸ್ತಿಯ ಮುಡಿಗೇರಿಸಿದ ಪಾಳೆಗಾರ

ಸೂರ್ಯ ಚಂದ್ರ ಪ್ರಖರತೆಯ ಮೀರುಸುವ 'ವಿಜಯ ಪ್ರಕಾಶ'
ಗಾನ ಮಾಧುರ್ಯದಿಂದ ಮಂತ್ರ ಮುಗ್ಧವಾಗಿದೆ ಭೂಮಿ , ಆಕಾಶ
ನಿಮ್ಮ ಸಂಗೀತದ ರಸಧಾರೆಯಿಂದಲೆ ಭೂವಿಯಲ್ಲಿ ಚೈತ್ರ , ವೈಶಾಖ
ನಿನ್ನ ಭಕ್ತಗಣದಲ್ಲಿ ಸದಾ ನಿನ್ನದೇ ಸುಪ್ರಕಾಶ

-ಉಳವಿ

ಪರಿಸರ

ಜಗದ ಸೃಷ್ಟಿ ಈ ಭೂಮಿ ಭಾನು ನೇಸರ...
ಇವುಗಳೊಂದಿಗೆ ಮಾನವನ ಒಡನಾಟ ಸುಂದರ ಸುಮಧುರ...
ಆದರೆ ಇಂದು ಹೆಚ್ಚುತ್ತಿದೆ ಅವನ ಅನಾಚಾರ...
ಇದರಿಂದ ಪರಿಣಾಮ ಹಾಳುಗಟ್ಟಿದೆ ನಮ್ಮ ಪರಿಸರ...
ಇದಕ್ಕೆಲ್ಲ ಹುಡುಕಬೇಕು ಒಂದು ಶಾಶ್ವತ ಪರಿಹಾರ...
ಅಲ್ಲಿಯವರೆಗೆ ಪ್ರಕೃತಿಯ ಉಳಿವಿಗೆ ಸಾಗಲಿ ನಮ್ಮೆಲ್ಲರ ಪ್ರಯತ್ನ ನಿರಂತರ...

-ಪರಿಣಿತ

NATURE CLICKS





Nishita (4th sem)



Koushik (2nd sem)

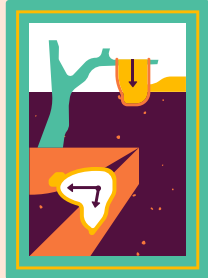


Preetham(6th Sem)



Soujan (6th sem)







Preetham (6th Sem)



Advika (6th Sem)



Moulya (4th Sem)



**Mr. Shivaprasad K S
Assistant Professor**

