

Newsletter

Academic Year June 2024 – June 2025



Civil Engineering Department

Shri Guru Gobind Singhji

Institute of Engineering & Technology, Vishnupuri, Nanded - 431606
(An Autonomous Institute owned by State Govt.)



Institute Vision: “Education of Human Power for Technological Excellence”

Institute Mission:

- Dissemination of knowledge by offering world class education
- Right to information for all stakeholders
- Promotion of sustainable industrialization to development of appropriate technologies
- Continuing education programs for reengineering of regional socio-economic system in the light of dynamic, global technological changes
- Contribution to national wealth through innovation

Department Vision:

- To be a leader in teaching, research, and consultancy services in Civil Engineering

Department Mission:

- To provide quality education to students in a vibrant environment for a successful career in Civil Engineering.
- To attract and encourage students to carry innovative research by providing them with state-of-the-art infrastructure and knowledge base.
- To provide consultancy services to industries and organizations for resolving real life problems to cater to societal needs.
- Integrate sustainable practices into all aspects of departmental planning and operations, focusing both on the current and future implications.

About Department:

The Department of Civil Water Management Engineering was established in the year 1984 with an intake of 30. Subsequently, the intake increased to 40 in 2002 and then again increased to 60 in 2015. Change of nomenclature of Civil-Water Management (UG) to Civil Engineering (UG) effected from 2015. The Department has a good academic culture and a conducive working environment. The equipment in the laboratories of different subject areas has been procured from the funding of State Government and AICTE funded projects under the category of MODROB and R&D. The infrastructure is sufficient to achieve academic excellence. In addition to the strong placement, students are getting good ranks in GATE examination.

The Department runs two PG courses, namely Water Management since 1991 with an intake of 18 and Structural Engineering since 2015 with an intake of 18. The Department is a recognized Research Centre of Swami Ramanand Teerth Marathwada University. The AICTE under QIP has sanctioned two scholarships for full-time research work leading to a Ph. D. degree. The M. Tech. and Ph. D. students publish high quality research papers in National and International journals. The department is having close association with the academic institutes like IIT Mumbai, VNIT Nagpur, NIT Warangal and BITS Pilani, Hyderabad campus etc.

Director Report



Dr. Manesh B. Kokare
Professor and Director,
SGGSIE&T, VISHNUPURI, Nanded

Civil Engineering Department, **S**hri Guru Gobind Singhji

Institute of Engineering and Technology (SGGSIET), Nanded has a remarkable journey of achievements and growth in the last academic year 2024-25. I am very and honored to write director's message for the newsletter of I congratulate the faculty and students of the Civil

Engineering department for their proactive step in starting the newsletter.

Despite being in a rural and backward part, this institute plays a pivotal in engineering education in the state of Maharashtra. After being selected for TEQIP-I in 2003, it came in the national limelight. The institute also got selected in TEQIP-II and then with a center of excellence in Digital and Signal Processing. The success story continued Institute is also selected to participate in TEQIP-III. Thus, having attained a good level of teaching-learning process and infrastructure development, we aspire to move into a higher orbit of PG/ Doctoral and creation of center of excellence in various thrust areas with an aim to gain international visibility.

The Department of Civil Engineering has always been on the forefront in building this institution. It is indeed a praiseworthy initiative of the newsletter taken up in this department. I think this is a good platform to understand and exchange the views of each other and use the same for career building of students as well as for building world class institutes. I suggest having a major theme for the newsletter and thereafter subthemes can be evolved for subsequent versions. As education is the cornerstone of nation building and it can only pave the way for economic growth and prosperity the theme of the newsletter can be focusing on creating ability to Learn, Think, and Innovate. Thinking out of the box should be encouraged amongst the students, learners and researchers. I also suggest the coordinators to have articles related to automation in Civil Industry, usage and training on software used in Civil Engineering, publish motivational articles about mega structures and engineering marvels.

I hope that the interactions between individuals and groups through this activity will be effective and fruitful from the point of view of bringing the desired changes and improvements.

I hope that the publication of the newsletter all success and hope that it will be enjoyable to stakeholders.

With regards,

Dr. Manesh B. Kokare

HoD's Report



Dr. Chandrashekhar
D. Bhagat

Dr. C. D. Bhagat
Assistant Professor and Head,
Civil Engineering Department,
SGGSIE&T, Nanded

Civil Engineering Department, **S**hri Guru Gobind

Singhji Institute of Engineering and Technology
(SGGSJET), Nanded has a remarkable journey of
achievements and growth in the last academic year 2024-

25. Our **students** and **faculty** have **excelled**, with a **significant percentage** of graduation rates that have increased significantly compared to last year. Numerous **students secured top positions** in university **exams**, and several research articles were published. Significant **investments** were made in **infrastructure**, as Departmental **new building construction** (ongoing) has been started in March-2024.

Over the AY 2024-25, short term training programs and **seminars** was **organized** in the department. Our **students excelled in national competitions**, and many secured internships and placements in leading companies. Our faculty have published research articles, chapters and patents in the national and international publishing houses. Department also did the consultancy of significant amount over the years for the Govt. and private projects. We have implemented the National Education Policy (NEP-2020) for Second Year Civil engineering students starting from this year.

The Department of Civil Engineering continues to thrive in its mission to provide quality education and foster an environment of innovation and research. The achievements of this year are a testament to the hard work and dedication of our faculty, students, and staff, and we look forward to building on this success in the coming years.

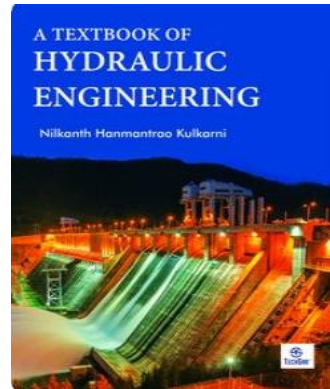
Faculties Outreach Awards and Recognitions

1. **Dr. Atul S Shinde**, has actively participated in the **ISTE-approved Faculty Development Program** conducted **online** from 23rd to 28th September 2024 on the topic "**State-of-the-Art Practices in Civil Engineering.**" The FDP was organized by the Department of Civil Engineering, Bajaj Institute of Technology, Wardha.
2. **Dr. Atul Shinde** delivered an online session for second-year mechanical engineering students at SSGMCE, Shegaon, on the topic "Impact of Jet" under the course of Fluid Mechanics. During the three-day interaction (21-23 October 2024), he focused on the following key aspects:
 1. **Deriving the Expression for Force of Impact by a Jet:** He explained the theoretical derivation of how a jet impacts a surface and the forces involved.
 2. **Solving Numerical Problems on Impact of Jet:** He guided students on solving practical numerical problems related to the topic, enhancing their problem-solving skills.
 3. **Understanding the Theory of Hydraulic Machines:** He provided insights into the working principles and applications of hydraulic machines, which are closely related to the concept of jet impact.
 4. This session aimed to deepen students' understanding of fluid mechanics and its practical applications.

Faculties Outreach Awards and Recognitions

1. **Dr. Atul Shinde** successfully completed the AICTE-ATAL Faculty Development Program on "Real-time Applications of Artificial Intelligence (AI) and Machine Learning (ML) in Disaster Management and Resilient Infrastructure," organized by Bajaj Institute of Technology from February 17–22, 2025. The program enhanced his expertise in applying AI and ML techniques to address challenges in disaster resilience and infrastructure development.
2. **Dr. Mahesh Gadekar** chaired two sessions at the International Conference on Environmental Science and Technology (ICEST), held in Surat from December 19–21, 2024, organized by SVNIT Surat and the Gujarat Pollution Control Board. He co-chaired sessions on Air Pollution and Wastewater alongside experts from IIT Delhi and Newcastle University (UK), and presented research on "Colour Removal Using a Modified Parthenium Hysterophorous Biosorbent."

3. **Dr. Gadekar** has recently been appointed to the Technical Committee H-5 (Rural Roads) of the Indian Road Congress for 2025–2027, reflecting his active contribution to environmental science and national policy development.
4. **Mrs Prajakta Premsing Jadhav**, Assistant Professor at Shri Guru Gobind Singhji Institute of Engineering and Technology, successfully completed the AICTE-ATAL Faculty Development Program on “Sustainability Innovation Trends in Civil Engineering” held at LORDS Institute of Engineering and Technology from 10th to 15th March 2025.
5. **Mrs Prajakta Premsing Jadhav**, Assistant Professor at Shri Guru Gobind Singhji Institute of Engineering and Technology, successfully completed the AICTE ATAL Faculty Development Program on "Real-time Applications of AI & ML in Disaster Management & Resilient Infrastructure." The program was held at Bajaj Institute of Technology from 17th to 22nd February 2025.
6. A **Textbook of Hydraulic Engineering**, authored by **Dr. N.H. Kulkarni**, Associate Professor in the Department of Civil Engineering, has been published on March 30, 2025 by Techsar Publications Pvt. Ltd., New Delhi.



HRDG Sponsored One-week Workshop on “Hydrological Modelling in Climate Change Scenario” during March 18-22, 2025

The Department of Civil Engineering organized a one-week workshop titled “Hydrological Modelling in Climate Change Scenario” from March 18 to 22, 2025. The event was sponsored by the Council of Scientific & Industrial Research (CSIR) – Human Resource Development Group (HRDG). The primary objective of the workshop was to familiarize participants with the fundamentals of hydrological modelling, the environmental impacts of climate change, and the application of engineering optimization techniques along with soft computing tools. The program included both theoretical lectures and hands-on sessions, providing practical experience with various tools used in hydrological modelling.



Training Program on AutoCAD software

Inauguration of AutoCAD Course through CESA in the Civil Department

Date: 20/08/2024

Time: 5:00 pm

Venue: CE1 classroom, Civil Engineering Department,
SGGSIE&T, Vishnupuri, Nanded, 431 - 606

Introduction

The Civil Engineering Department at SGGSIE&T proudly inaugurated the AutoCAD course through the Civil Engineering Students Association (CESA) on 20/08/2024. This initiative aims to equip students with essential skills in computer-aided design, which is crucial for modern engineering practices.

Key Highlights of the Inauguration:

Opening Ceremony:

The ceremony began with a welcome address by Dr. M. B. Kokare, Prof. S. B. Dethe and Dr. P. B. Ullagadi, the Director of the Institute, Dean Students Affairs and the Head of Department of civil Engineering respectively, who emphasized the importance of proficiency in AutoCAD for civil engineering students.

Dr. A.S Shinde, the CESA faculty coordinator, highlighted the association's commitment to enhancing students' learning experiences through skill development programs.



Course Overview:

- The AutoCAD course will cover fundamental to advanced techniques, including drafting, 3D modelling, and creating detailed engineering drawings.

- The course is designed for students at all levels, ensuring that beginners receive foundational knowledge while advanced learners can refine their skills.

Participation and Enrolment:

- The course received overwhelming interest, with 25 students enrolling in the first batch.
- Participants will engage in hands-on training sessions, workshops, and project work, fostering practical experience alongside theoretical knowledge.



Future Prospects:

- The Civil Department plans to offer more specialized courses and workshops in the future, aiming to keep students updated with the latest industry trends and software advancements.

Conclusion

- The inauguration of the AutoCAD course marks a significant step toward bridging the gap between academic knowledge and practical skills in civil engineering. The department and CESA are committed to providing students with opportunities to excel in their careers and contribute effectively to the engineering field.
- This initiative promises to enhance students' employability and prepare them for the challenges of the industry.

Surveying Workshop

Date: 21 February 2025.

Venue: SGGS Ground.

This was conducted by **Civil Guruji** (a training institute for civil engineers) under PRAGYAA-2025, in this, the students learn the difference between theoretical and practical knowledge of the course.



Resume Building Workshop

Date: 22 February 2025.

Venue: CE1 Hall, Civil Engineering Department.

This was conducted by Civil Guruji under PRAGYAA-2025, in this students learn to create an impactful resume.

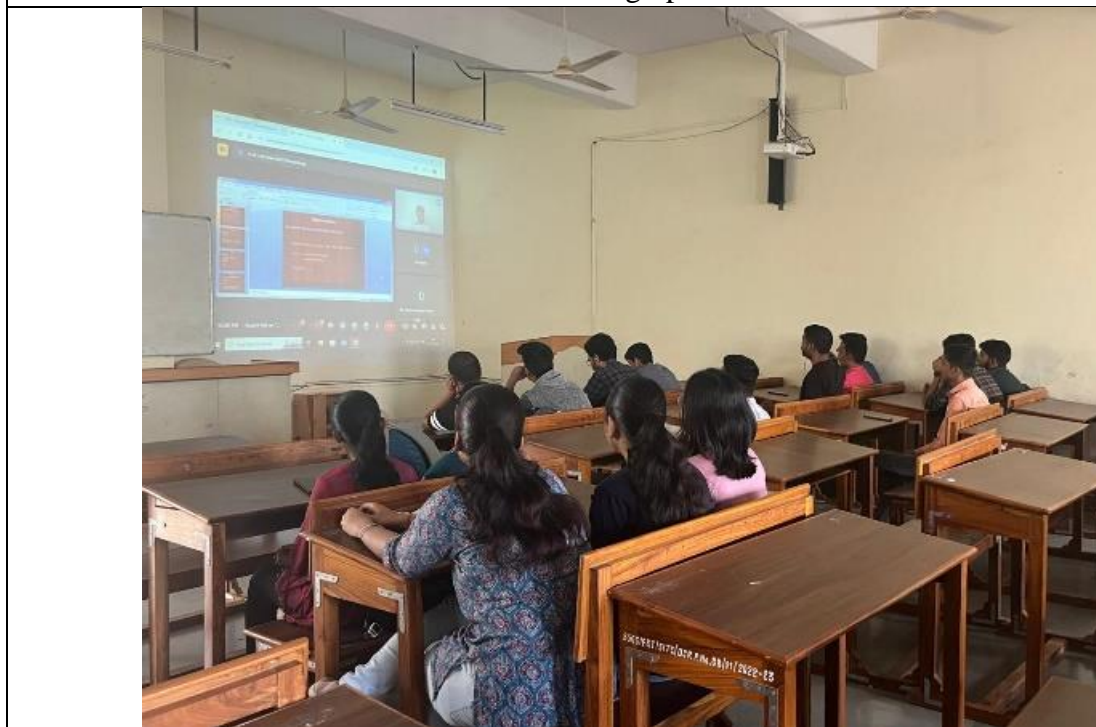


EXPERT TALK/LECTURE

An expert Talk/Lecture by Prof. J. N. Patel on “Opportunities in Civil Engineering” for the students of Civil Engineering Department was delivered on July 27, 2024.

Expert Talk Report

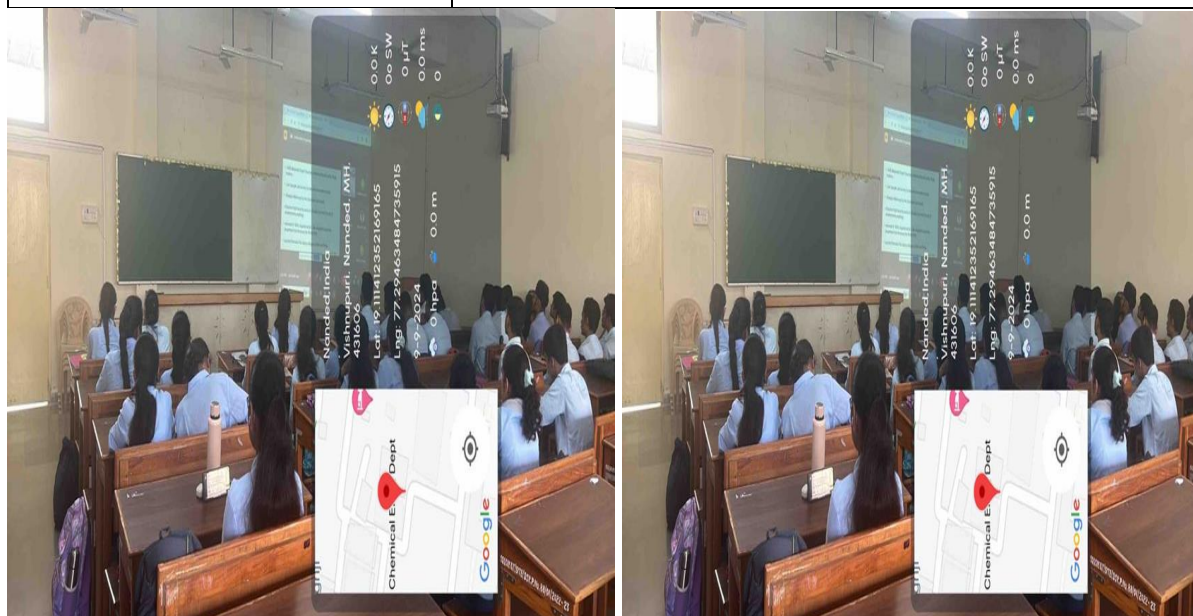
Title	"Opportunities in Civil Engineering"
Day & Date	Saturday, 27/07/2024
Name of Expert	Prof. J. N. Patel
Designation, Organization & Address	Professor (HAG), Civil Engineering Department, S.V. National Institute of Technology, Surat
Objectives	1. To know the opportunities for civil engineer 2. To know the various expertise areas for civil engineer 3. To know the various sectors to serve for society
PO	PO6, PO8, PO11, PO12
PSO	PSO1, PSO3
Mission	M1
Beneficiary	SY, TY and B. Tech Final Year Civil Engineering students
Number of Participants	Offline mode-18, Online mode-35
Faculty Co-Ordinator	Dr. P. N. Balve

Photograph

An expert Talk/Lecture Mr. Sopan Aghav on “Innovation and the Startup Ecosystem for Early-Stage Entrepreneurs” for the students of Second year Civil Engineering Department was delivered on September 09, 2024. Coordinated by Professor Prajakta Jadhav.

Expert Talk Report

Title	" Innovation and the Startup Ecosystem for Early-Stage Entrepreneurs"
Day & Date	Monday, 9th September 2024
Name of Expert	Mr. Sopan Aghav
Designation, Organization & Address	Founder, Paripoorn Foods LLP, Pune
Objectives	1. To give idea about process/useful steps for getting investments and funding 2. To give an idea regarding business startups in Civil Engineering. 3. To know the various sectors to serve for society
PO	PO8, PO9, PO10
PSO	PSO2, PSO3
Beneficiary	Second year Civil Engineering students
Number of Participants	43
Faculty Co-Ordinator	Prajakta P. Jadhav
Venue	Online (Google Meet) and CE1 Hall



An expert Talk/Lecture by Prof. Gautam Lahiri Executive Director at TIDE on “Sustainable Development and Sustainable Development Goals (SDGs)” for the students of Third year, B.Tech and M.Tech Civil Engineering Department was delivered on September 19, 2024. Coordinated by Team CESA.

Topic: Sustainable Development and Sustainable Development Goals (SDGs)

Date: 19 September 2024

Location: CE1 Hall (Civil Engineering Department)

Organized by: Team CESA

Introduction

Sustainable development is a global strategy for achieving long-term prosperity by balancing economic growth, social inclusion, and environmental protection. It ensures that the present needs are met without compromising the ability of future generations to meet their own. This approach emerged as a response to growing concerns about environmental degradation, resource depletion, and socio-economic inequality. The United Nations (UN) formalized these principles into the Sustainable Development Goals (SDGs) in 2015, offering a blueprint for tackling global challenges by 2030.



An expert Talk/Lecture by Prof. Pranab Mohapatra on “Flood Modelling for Third year, B-Tech and M-Tech.” for the students of Third year, B.Tech and M.Tech Civil Engineering Department was delivered on October 14, 2024. Coordinated by Dr. C.D. Bhagat (Head of Department) with Team CESA.

Topic: Flood Modelling for Third year, B-Tech and M-Tech.

Date: 14 October 2024.

Location: CE1 Hall (Civil Engineering Department).

Organized by: Dr. C.D. Bhagat (Head Of Department) with Team CESA.

Introduction

An expert lecture on "Flood Modelling" was conducted on 14 Oct 2024, aiming to shed light on the methodologies, tools, and importance of modelling in flood management. The lecture was delivered by Prof. Pranab Mohapatra, a renowned specialist in hydrology and environmental engineering, who provided in-depth insights into predictive flood models, their application, and future trends. The session was attended by students from Third year, B-tech, M-tech and Professionals from related fields.



An expert Talk/Lecture by Dr. K. T. Patil. on “Application of Engineering Geology in Civil Engineering” for the students of Third Year Civil Engineering Department was delivered on October 17, 2024. Coordinated by Professor Prajakta Jadhav.

Expert Talk Report

Title	"Application of Engineering Geology in Civil Engineering"
Day & Date	Saturday, 17/10/2024
Name of Expert	Dr. K. T. Patil.
Designation, Organization & Address	Assistant Professor. Department of Civil Engineering. MVPS's Karmaveer Adv Baburao Ganpatrao Thakare College of Engineering Nashik-13
Objectives	1. To know application of Engineering Geology in Civil Engineering 2. Practical applications of maps in real field 3. Hands on training for students
PO	PO1, PO4
PSO	PSO1, PSO3
Mission	M1
Beneficiary	Third year Civil Engineering students
Number of Participants	38
Faculty Co-Ordinator	Prajakta P. Jadhav



An expert Talk/Lecture by Mr. Sumeet Dey on “Workshop for placement training” for the students of Third Year Civil Engineering Department was delivered & Coordinated by Professor Prajakta Jadhav

Expert Talk Report

Title	“Workshop for placement training”
Date	31/1/2025 to 2/2/2025
Name of Expert	Mr. Sumeet Dey
Designation, Organization & Address	Chief executive officer Edufunda Solutions Lodha Belmondo Gahunje, Ravet Pune 412101
Objectives	<ol style="list-style-type: none"> 1. Improve communication, interpersonal, and soft skills. 2. Develop aptitude in quantitative, logical reasoning, and verbal ability. 3. Strengthen technical knowledge relevant to the student's field of study.
PO	PO1, PO4
PSO	PSO1, PSO3
Mission	M1
Beneficiary	Third year Civil Engineering students
Number of Participants	52
Faculty Co-ordinator	Prajakta P. Jadhav

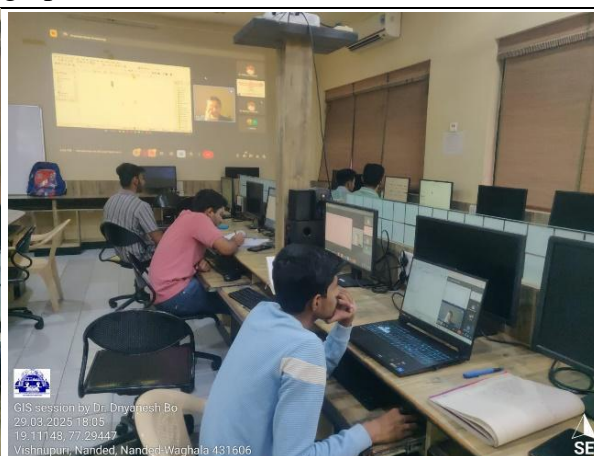


An expert Talk/Lecture by Dr. Dnyanesh Borse. on “Introduction to GIS and Hands on training on QGIS” for the students of Second Year, Third Year, Btech Civil Engineering Department was delivered on March 29, 2025 & Coordinated by Professor Prajakta Jadhav

Expert Talk Report

Title	"Introduction to GIS and Hands on training on QGIS"
Day & Date	Saturday, March 29, 2025
Name of Expert	Dr. Dnyanesh Borse
Designation, Organization & Address	Post-doctoral Fellow, University of Central Florida, Florida and PMRF Fellow
Objectives	1. To introduce GIS 2. To understand and work with QGIS platform
PO	PO1, PO2, PO4, PO5, PO7, PO11, PO12
PSO	PSO1, PSO2, PSO3
Mission	M1, M2
Beneficiary	SY, TY and Final Year Civil Engineering interested students
Number of Participants	Offline mode-6, Online mode-5

Photograph



Meet link (if available):

<https://meet.google.com/mhg-ugdb-mbi>

Field Visit

- A site visit for the students of Second Year Civil Engineering for the subject Concrete Technology was arranged at Bhosi near Khrbe village on May 04, 2024.



- A site visit for the students of Second Year Civil Engineering for the subject Concrete Technology was arranged at New departmental construction building site, SGGSIE&T, Nanded on September 27, 2024.

Site Visit Report

Day & Date	Friday, 27/09/2024
Address	New departmental construction building site, SGGSIE&T, Nanded
Objectives	1.To know the various prior site investigations 2. To know the design approach at the construction site. 3. To know the various challenges at the construction site.
PO	PO3, PO5, PO9
PSO	PSO4
Beneficiary	Second year Civil Engineering students
Number of Participants	48
Faculty Co-ordinator	Prajakta Jadhav, Tejas Bhatkar, Veena Suryawanshi, Aslam Khan

Photograph



- **Report on Site Visit to District High Court, Kautha, Nanded**

Date of Visit: 09/10/2024

Location: District High Court Site, Kautha, Nanded

Organized by: Civil Engineering Students' Association (CESA)

Introduction:

On 09/10/2024, a group of Civil Engineering B. Tech (T.Y) & M. Tech (F.Y) students from SGGSIE&T, Vishnupuri, Nanded visited the construction site of the High Court located in Kautha, Nanded. The visit was aimed at gaining firsthand experience and insights into the construction process and the various stages involved in building a judicial complex and also aimed to provide students with a comprehensive understanding of real-world construction practices, application of theoretical concepts learned in our coursework, project management, and the role of civil engineers in large-scale infrastructure projects. Additionally, the students engaged with project engineers and site manager, who shared insights into the challenges faced during construction, innovative solution implement, quality control measures, and the importance of adhering to timeline and budgets.

As the site is currently at its finishing level, the students were able to observe the final touches being applied to the structure, and witness firsthand the various finishing processes, including interior work, façade completion, and landscaping efforts, which are critical in finalizing such large-scale project.

Pictures of Visit





EVENTS

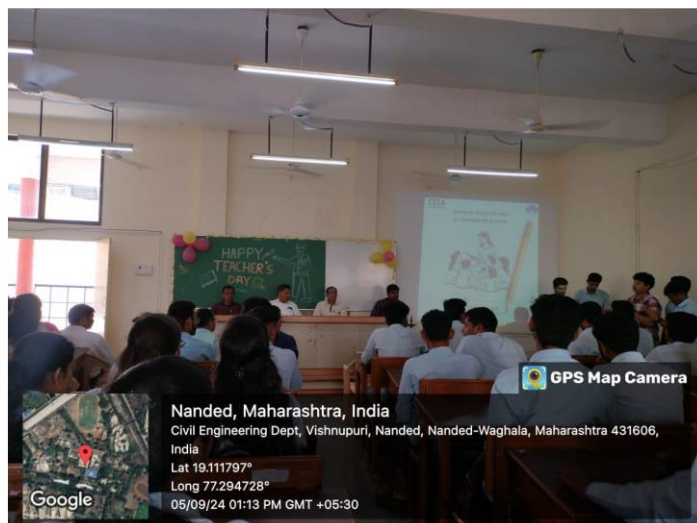
CELEBRATION OF NATIONAL EVENTS

Teacher's Day

Date: 5 September 2024.

Venue: CE1 Hall, Civil Engineering Department.

To honoring the significant contribution of educators in shaping minds and fostering a love for learning. Students and all the faculty member express their gratitude and appreciation.



SPORT EVENT 'CESA CUP 2024'

Date: 20-22 September 2024.

Venue: SGGS Ground.

Duration: 3 Days.

CESA CUP 2024 organised by TEAM CESA in academic year 2024-25, was held on 20th -22nd Sept 2024. The event served as a platform to promote sportsmanship, teamwork, and physical fitness among students of various departments of SGGS.



POSTER PRESENTATION

Date: 26 Jan 2025

Venue: Civil Engineering Department

On 26 January 2025, the Civil Engineering Students' Association (CESA) Dr. Atul S. Shinde (CESA Faculty Coordinator) of Shri Guru Gobind Singhji Institute of Engineering and Technology (SGGSIE&T) organized an engaging poster presentation on the theme "Sustainability of Building." The event aimed to foster awareness and innovation among students regarding sustainable practices in the construction industry. The presentation was attended by esteemed faculty members from the Civil Engineering department along with HOD Dr. C. D. Bhagat, as well as Dean of student affairs S. B. Dethe and the Director of SGGSIE&T, Dr. Manesh Kokare.

After thorough deliberation, the judges announced the winners of the poster presentation:

1. **Anuradha Jethe and Team:** - The winning poster showcased an innovative approach.
2. **Abhijit Pardeshi and Shubham Mahore:** - This poster presented a comprehensive analysis.
3. **Diksha Vadade:** - The third-place showcased the great elaboration skills.

The poster presentation on "Sustainability of Building" was a resounding success, providing a platform for students to express their ideas and engage with faculty and peers. The event not only highlighted the importance of sustainable practices in civil engineering but also encouraged students to think critically about their future contributions to the field.



TECHNICAL EVENTS ORGANISED UNDER 'CENFEST' (PRAGYAA-2025)

1. Bridge Building Competition

Date: 21 February 2025.

Venue: CE1 & CE2 Hall, Civil Engineering Department.

An educational event organized by our club, where participants have to design and build a bridge using limited sources, such as ice cream sticks, glue.



2. CAD War Competition

Date: 22 February 2025.

Venue: UG Computer Lab, Civil Engineering Department.

An educational event organized by our club, where participants shows their skills in Computer-aided Designs software.



3. Town Planning Competition

Date: 22 February 2025.

Venue: CE1 Hall, Civil Engineering Department.

An educational event organized by our club, in which participants had to design a functional, effective and sustainable town or city layout.

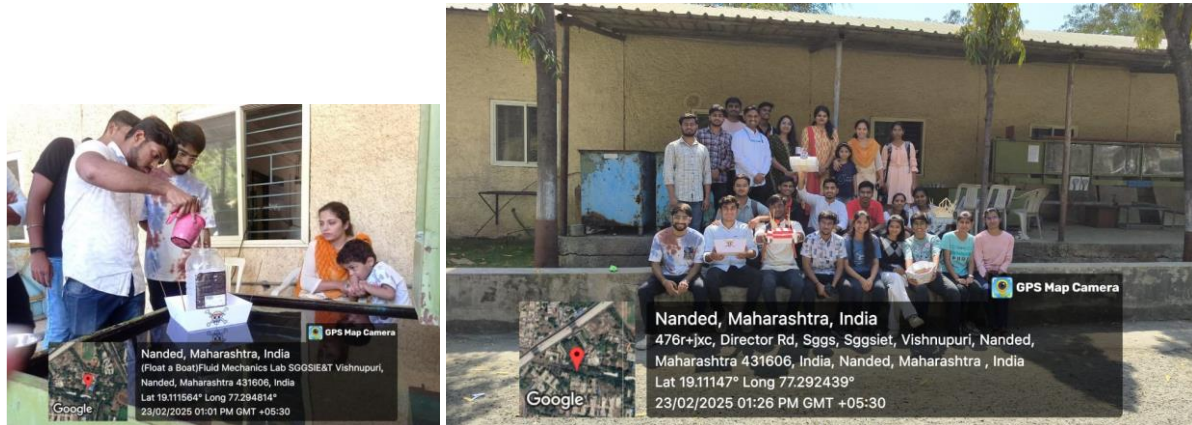


4. Float A Boat Competition

Date: 23 February 2025.

Venue: Civil Engineering Laboratory.

An educational event organized by our club, in which participants had to build a boat using any kind of material and that should be float in water and carry weight without sinking.



*Participation in inter-institute events by students of the program of study***Academic Year 2024-25**

Sr. No.	Name of student	Name of event	Participation/ Rank	Date	Name of Institute
1	Shaikh Munnazza	Bridge Innovators Competition	First rank	11 April 2025	Gramin Technical & Management Campus Vishnupuri, Nanded-431606
2	Shaikh Ayyan Salim	Bridge Innovators Competition	First rank	11 April 2025	Gramin Technical & Management Campus Vishnupuri, Nanded-431606
3	Harsh Bhaskar	Bridge Innovators Competition	First rank	11 April 2025	Gramin Technical & Management Campus Vishnupuri, Nanded-431606
4	Ritesh Gonde	Bridge Innovators Competition	First rank	11 April 2025	Gramin Technical & Management Campus Vishnupuri, Nanded-431606
5	Diksha Vhadade	CAD WAR	Runner up	24-25 April, 2025	MGM's College of Engineering, Nanded
6	Sardar Singh Thakur	Traversing Event	Winner	24-25 April, 2025	MGM's College of Engineering, Nanded
7	Ayyan Shaikh	Traversing Event	Winner	24-25 April, 2025	MGM's College of Engineering, Nanded
8	Ritesh Gonde	Traversing Event	Winner	24-25 April, 2025	MGM's College of Engineering, Nanded

9	Satyajeet Chandrakantrao Damekar	Entreprethion 2025	1 st position	27/03/2025	School of Commerce & Management Sciences, SRTMU, Nanded
10	Harshada Vidhate	National Entrepreneurship Challenge (NEC-2024)	Participation	6 Month long competition, 2024	IIT BOMBAY
11	Sakshi Dinesh Kulkarni	International Workshop on Adaptive Traffic Control Systems for Urban Traffic Mobility	Participation	25 January, 2025	IIT Bombay
12	Sakshi Dinesh Kulkarni	Workshop on Artificial Intelligence- by Techgyan	Participation	22 March 2025	IIT Bombay
13	Isha Telang	Workshop on Data Science	Participation	17-19 December 2024	IIT Bombay
14	Shubham Santosh Mahore	Float a boat	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
15	Shubham Santosh Mahore	Surveying workshop	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
16	Shubham Santosh Mahore	Resume building workshop	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
17	Shubham Santosh Mahore	Bridge building	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology

18	Ritesh Dilip Gonde	Bridge Building & Float a Boat	Bridge Building-1 st Float a Boat-2 nd	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
19	Tanvi Venkat Suryawanshi	Wire wispring	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
20	Anuradha Subhash Jethe	Float A boat, Town planning, CAD WAR	Float a Boat-1 st Town planning-3 rd	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
21	Aryan Dnyaneshwar Padalwar	Bridge Building	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
22	Aryan Dnyaneshwar Padalwar	Surveying workshop	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
23	Prithvi Anandrao Maghade	Resume building workshop	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
24	Jayesh Vinod Umale	Float A Boat	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
25	Jayesh Vinod Umale	Cad War	Second Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering

					and Technology
26	Jayesh Vinod Umale	Town Planning	1 st position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
27	Diksha Vhadade	CAD War	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
28	Vaishnavi Hivare	Bridge Building	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
29	Durga Khude	Bridge Building	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
30	Ankita Bachate	Bridge Building	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
31	Diksha Vhadade	Bridge Building	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
32	Ayyan Shaikh	Float (a) Boat	2 nd Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
33	Ritesh Gonde	Float (a) Boat	2 nd Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of

					Engineering and Technology
34	Harshwardhan Ahire	Float (a) Boat	2 nd Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
35	Krushna Nagapure	Float (a) Boat	2 nd Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
36	Durga Khude	Town Planning	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
37	Diksha Vhadade	Town Planning	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
38	Ayyan Shaikh	Town Planning	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
39	Ritesh Gonde	Town Planning	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
40	Harshwardhan Ahire	Bridge Building	1 st Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology

41	Ayyan Salim Shaikh	Bridge Building	1 st Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
42	Krushna Nagapure	Bridge Building	1 st Position	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
43	Vaishnavi Hivare	Resume Building Workshop	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
44	Ankita Bachate	Resume Building Workshop	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology
45	Ankita Bachate	CAD war	Participation	21-23 February, 2025	Shri Guru Gobind Singhji Institute of Engineering and Technology


Internship Details

Academic Year 2024-25

Sr. No.	Name of the Students	Registration No.	Name of the Company
1	Vaishnavi Bhaskar Gite	2022BCE509	<i>ABH Developers</i>
2	Gajanan Shivdas Lahane	2021BCE003	<i>Fortress Infracon Limited Thane</i>
3	Intihaj Rafu Shaikh	2021BCE051	
4	Adil Baig Anis Baig Mirza	2021BCE019	
5	Ghaar Singh	2021BCE006	
6	Harshvardhan Amol Bhatkar	2021BCE044	
7	Rakesh Banwarilal Jangid	2021BCE152	
8	Rakesh Banwarilal Jangid	2021 BCE 152	
9	Shubham Balasaheb Makhane	2021 BCE 153	
10	Sakshi Dinesh Kulkarni	2022BCE501	
11	Nachiket Dattatray Kulkarni	2020BCE151	
12	Shraddha Deshmukh	2021BCE002	<i>Malkhare builders and developers P. LTD</i>
13	Sakshi Mahesh Kulkarni	2021BCE038	
14	Devyanee Anil Choudhary	2021BCE020	<i>Man infra construction Limited Mumbai</i>
15	Vaishnavi Ramesh Dorle	2021BCE053	<i>Sharda Construction & Corporation , Nanded</i>
16	Ruchita Avinash Atkore	2021BCE025	<i>Sharda construction pvt.ltd</i>
17	Om Pravin Tiwari	2021BCE035	<i>Silver enterprise engineers and contractors, Pune</i>
18	Pritam Prakash Naitam	2021BCE043	
19	Devendra Prasad Muley	2021bce028	
20	Sarthak Sanjay Deore	2021BCE023	
21	Tanmay Tanaji Deshmukh	2021BCE036	
22	Shivam Devidas Rathod	2021BCE015	
23	Rudrani Ambadas Walekar	2022BCE508	<i>Technology informatic design endeavour</i>

Students Achievement**GATE Qualified Students**

Following are some of the students who have **qualified GATE2025** exam from civil engineering department.



Sr. No	Reg. No	Name	Marks out of 100	GATE Score	AIR Rank	
1	2020BCE069	Pawan Jalba More	36.85	434	5371	
3	2022BCE041	Sanket Kamalkar Deshmukh	32.76	7403	389	
3	2022BCE045	Adhiraj Sanjeev Patil	31.58	374	8430	
4	2022BCE509	Vaishnavi Bhaskar Gite	28.97	347	10330	
5	2022BCE013	Vedant Nagnath Popalwar	28.62	344	10649	
6	2023BCE502	Jayesh Vinod Umale	28.28	340	11003	

7	2021BCE505	Shubham Dilip Bhagwat	26.2	317	13167	
8	2021BCE037	Yash Shankar Tummod	25.86	-	13590	
9	2021BCE151	Kartik Nagnath Popalwar	24.67	327	11583	
10	2022BCE055	Shubham Sanjay Lokade	22.75	279	18090	 SHUBHAM SANJAY LOKADE DATE 13.05.2022
11	2022BCE048	Sanchit Subhash Wankhede	20.47	254	22341	

Details of Student Placement**Placement Details of Academic Year 2024-25 (UG Students)**

		
Gauri Vikas Patil, Security Boat	Vinay Pradip Sharma , German Project Management India	Adil Baig Anis Baig Mirza Fortress Pvt. Ltd.
		
Vaishnavi Dorle Sai Life Science Ltd.	Sakshi Dinesh Kulkarni Reliance Industries Ltd.	Gajanan Shivdas Lahane EMERGY Enviro Pvt. Ltd. SINE-IIT Bombay
		
Vaishnavi Gite Toyo Engineering	Rudrani Anbadas Walekar EMERGY Enviro Pvt. Ltd. SINE- IIT Bombay	Namrata Balkrushna Dutonde Adani

Placement Details of Academic Year 2024-25 (PG- Structural Engg. Students)

	
Sonal Satyanarayan Kapse TATA CONSULTING ENGINEERS (TCE), Mumbai	Supriya Pandit Chavan TATA CONSULTING ENGINEERS (TCE), Mumbai

Memorandum of Understanding [MOU]

Sr. No.	Name of the Institute	Date of Signature	Duration
01	Aqua [Aqua informatics Pvt. Ltd.]	Nov-2024	3 Years
02	Tide [Technology Informatics Design Endeavour]	Nov-2023	3 Years
03	Ecoson Services Foundation	1 October 2024	5 Years
04	Hitesh Lahoti & Associates	15 April 2023	2 Years

Consultancy Details:

Department has generated significant revenue through Consultancy and Research during **AY 2024-2025**.

Undergraduate –Civil Engineering:**Program Education Objectives (PEOs)**

The Graduates will be able to:

PEO1	Pursue a successful career in the diversified sectors of the engineering industry and/or higher studies by acquiring knowledge in mathematical, scientific and engineering fundamentals.
PEO2	Analyze and design Civil Engineering systems with social awareness and responsibility.
PEO3	Exhibit professionalism and ethical approach through leadership, team work, good communication skills, and adapt to modern trends by engaging in lifelong learning.

Program Outcomes (POs)

On successful completion, graduates will be able to:

PO1	Apply knowledge of mathematics, science and engineering to Civil Engineering problems.
PO2	Identify, formulate and solve Civil Engineering problems.

PO3	Design various structures or particular system that meets desired specifications and requirements.
PO4	Design and conduct experiments, interpret and analyze data, synthesize the information to derive conclusions.
PO5	Select and use appropriate engineering techniques and software tools to analyze Civil Engineering problems with understanding of their applicability and limitations.
PO6	Assess local and global impact of societal issues on Civil Engineering profession.
PO7	Able to understand the impact of engineering solutions on society and demonstrate the knowledge for sustainable development.
PO8	Demonstrate their professional and ethical responsibilities.
PO9	Able to function as a member or a leader on engineering and science teams in various areas of Civil Engineering.
PO10	Communicate effectively in both verbal and written forms.
PO11	Understand and practice engineering and management principles.
PO12	Adapt transformations in industry through independent and lifelong learning.

Program Specific Outcomes

PSO1	Establish a Civil Engineering career in industry, government or academic field and achieve professional expertise as appropriate.
PSO2	Execute innovation and excellence in Civil engineering problem solving and design in global and societal contexts.
PSO3	Commit to lifelong learning and professional development in the Civil Engineering field to stay updated in technology, research topics and contemporary issues.
PSO4	Understand the fundamentals of Civil Engineering in commercial contexts and in expediting construction projects.

Postgraduate – M.Tech. Water Management:

Program Education Objectives (PEOs)

The Post-Graduates will be able to:

PEO 1	Apply water management knowledge in all phases of water resources planning and management.
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PEO 2	Develop an ability to analyse and design integrated natural and engineered water management systems to develop economically, socially and environmentally sustainable infrastructure.
PEO 3	Think critically and to envisage the technical and social consequences of their actions.
PEO 4	Inculcate team spirit, interpersonal, and mass communication skills so as to coordinate and lead multidisciplinary engineering teams in addressing water management issues.
PEO 5	Imbibe spirit of inquiry in order to promote keen interest in pursuing higher studies, research and innovations.

Program Outcomes (POs)

On successful completion, graduates will be able to:

PO 1	Capability to apply in-depth engineering knowledge and use of modern technology in developing water management systems and facilities.
PO 2	Plan and conduct necessary experiments for use in analysis and design of water management systems.
PO 3	Recommend economically sustainable solutions and alternatives for water management problems by including considerations of risk, uncertainty, sustainability, life-cycle principles, and environmental impacts.
PO 4	Use modern/advanced techniques, tools, and skills for water management practice and research.
PO 5	Communicate effectively, to function with and lead/direct multidisciplinary teams and communities to achieve the goals.
PO 6	Understand concepts of professional practice, project management, and the roles and responsibilities of public institutions and private organizations pertaining to water management and regulations.
PO 7	Understand ethical and societal responsibilities as water management engineer.
PO 8	Recognize the need for, and an ability to engage in independent and reflective life-long learning.

Program Specific Outcomes

PSO 1	Excel in the research, innovation, design and problem solving in Water Management domain
PSO 2	Interact with stakeholders effectively and execute quality work within the stipulated resources.

Postgraduate – M.Tech. Structure

Program Education Objectives (PEOs)

The Post-Graduates will be able to:

PEO1	Impart concepts of Structural Engineering through the use of analytical techniques, experiments, computer simulation methods, and other modern engineering tools in the analysis and effective design of variety of civil engineering structures.
PEO2	Imbibe critical thinking in analyzing a complex problem in Structural Engineering field.
PEO3	Develop skills of communicating structural design effectively and undertake research in upcoming areas.

Program Outcomes (POs)

On successful completion, graduates will be able to:

PO1	Acquire and be able to evaluate, analyze and synthesize current body of knowledge in Structural Engineering.
PO2	Be able to identify, formulate and solve complex Structural Engineering problems with independent judgment.
PO3	Be able to conceptualize and design Civil Engineering structures with appropriate consideration for public health and safety, environmental, cultural and societal considerations.
PO4	Be able to explore and extract information of complex problems including design of experiments and tools, analyze and interpret data for development of technical knowledge in Structural Engineering.
PO5	Be able to apply appropriate resources, techniques & tools to various problems in Structural Engineering.
PO6	Be able to function effectively as an individual as well as a member or leader of a multi-disciplinary team.
PO7	Be able to understand critical issues for professional practice such as detailing work and the interaction with various agencies during project life cycle.
PO8	Be able to communicate effectively on complex engineering problems by written oral and visual means to the stake holders.
PO9	Be able to recognize the need and have an ability to engage lifelong learning process.

PO10	Be able to understand and commit to professional ethics and responsibilities while carrying out research and design activities.
PO11	Be able to critically analyze, scrutinize and rectify one's decisions and actions and apply self- corrective measures
PO12	Be able to communicate effectively on complex engineering problems by written oral and visual means to the stake holders.

Program Specific Outcomes

PSO1	Excel in the research, innovation, design and problem solving in Structural Engineering domain.
PSO2	Interact with stakeholders effectively and execute quality work within the stipulated resources.

Book

1. **Dr. N H Kulkarni** published a Textbook titled “**Hydraulic Engineering**” on March 30, 2025 in Techsar Publications Pvt. Ltd.

Journal Paper/Conference/Book Chapter/Patent Published

1. Modi, A., Bhagat, C., & Mohapatra, P. K. (2024). Bio-geo-chemical trade-offs of Ganga River system: An overview on its current challenges and potential management practices. *River Basin Ecohydrology in the Indian Sub-Continent*, 3-21.
2. Bhagat, C., Srivastava, V., & Kumar, M. (2024). Expounding heavy metal pollution and associated risks in the River Ganga, India: A meta-analysis approach. In *River Basin Ecohydrology in the Indian Sub-Continent* (pp. 225-240). Elsevier.
3. Ghadbale V., Gajbhiye K. and Balve P. Assessment of Water Distribution System for SGGSIET, Nanded Campus using EPANET 2.0, 29th International Conference on Hydraulics, Water Resources, River and Coastal Engineering (HYDRO 2024) at CWPRS, Pune, 18-20 December, 2024
4. **Dr. Mahesh Gadekar** chaired two sessions at the International Conference on Environmental Science and Technology (ICEST) in Surat from December 19-21, 2024, organized by SVNIT Surat and Gujarat Pollution Control Board. He co-chaired sessions on Air Pollution with Dr. Mukesh Khare from IIT Delhi and Wastewater with Dr. Tom Curtis from Newcastle University, UK. These sessions sparked insightful discussions on environmental and public health issues. Dr. Mahesh also presented his research on "Colour Removal Using a Modified Parthenium Hysterophorous Biosorbent" at ICEST. Additionally, Dr. Mahesh presented research on "Fluoride Contamination and Associated Health Risk across Maharashtra, India" at the International Groundwater Conference in Roorkee from March 5-7, 2025.
5. **Jadhav P.** Manekar V. L. and Patel J. N., "Groundwater potential zone mapping using Artificial Intelligence Techniques for Surat district, India." International Groundwater Conference (IGWC 2025) in NIH Roorkee from March 5-7, 2025.
6. **Bhagat C., Gadekar M., Sanap K., Bhoi A. and Jadhav P.,** "Fluoride Contamination and Associated Health Risk across Maharashtra, India. International Groundwater Conference (IGWC 2025) in NIH Roorkee from March 5-7, 2025.

7. **Dr. Chandrashekhar Bhagat** has published a review article in the Elsevier journal. “Tripathi, I.M., Mahto, S.S., Bhagat, C., Modi, A., Jain, V. and Mohapatra, P.K., 2025. A Review of River Sand Mining: Methods, Impacts, and Implications. Next Research, p.100149. <https://doi.org/10.1016/j.nexres.2025.100149>