



Gokhale Education Society's
**R . H. SAPAT COLLEGE OF
ENGINEERING, MANAGEMENT STUDIES
AND RESEARCH, NASHIK- 422005**



DEPARTMENT OF CIVIL ENGINEERING



“Every bridge, road, and building begins with a civil engineer’s vision.”



E-NEWS LETTER

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Phone No.: (O) 0253-2570106

Fax No.: 0253-2570104

<https://ges-coengg.org>

Principal Message

2025-26

I am delighted to pen a few words for the Department of Civil Engineering's Newsletter. This initiative is a commendable effort to document and share the activities, achievements, and progress of one of the most dynamic departments of our institute.

The Department of Civil Engineering, since its inception in 2010 under the umbrella of Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research, has consistently strived to uphold the legacy of the Society in providing quality, value-based education.

With well-equipped laboratories, dedicated faculty, and a focus on both academic rigor and holistic development, the department has established itself as a hub of learning and innovation.

Our students have brought laurels through their participation in national-level competitions, technical projects, and research initiatives. The department's emphasis on industry interaction, expert lectures, and workshops ensures that students are equipped with the skills and values required to excel in their careers while contributing meaningfully to society.

I appreciate the efforts of the faculty and students in putting together this newsletter. It not only serves as a record of activities but also as a source of inspiration and motivation for the entire academic community.



Dr. Shirish S.Sane

Principal

**M.Tech (CSE, IITB), Ph.D
(Computer, COEP, Pune)**

Head of Department Message

I am happy to present the first E-Newsletter of the Civil Engineering Department. This biannual E-Newsletter highlights various activities conducted through academic delivery, Civil Engineering Students Association (CESA) activities, and Indian Plumbing Association (IPA) activities. Industrial visits and expert talks play an important role in shaping students and making them industry-ready. Additionally, co-curricular activities, research initiatives, learning-by-doing activities conducted during the semester, and the achievements of students and staff will receive wider exposure through the website as well as on hard copies.

The Department of Civil Engineering was established in 2010 as one of the pioneer departments of Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research, Nashik. The department has a strong team of 13 dedicated teaching staff members for an intake of 60 students.



Dr. N. D. Chaudhari

Professor & Head

BE (COEP), ME(CWM), PhD

Three staff members have more than 30 years of experience. There are two research guides and four staff members with doctoral degrees.

The department has an impressive publication record in peer-reviewed international and national indexed journals and conferences. The graduates of the department have explored advanced career opportunities in premier technical institutions and organizations in India and abroad. The department maintains active and successful professional associations with several organizations through extension activities such as consultancy assignments, training programs, workshops, conferences, and advisory services.

The department is equipped with the latest equipment and software. All this has been possible due to the continuous support and guidance from our Honorable Project Director, Prof. P. M. Deshpande, and Principal, Dr. S. S. Sane.

This newsletter is a reflection of the energy, innovation, and enthusiasm that define the Civil Engineering Department. It will surely inspire students, connect with alumni, and strengthen the bond between academia and industry.

I look forward to the continued success of the Civil Engineering Department and many more milestones in the future.

Department Vision & Mission

Vision

- ◆ To produce globally acceptable civil engineers through value embedded technical education

Mission

- ◆ To impart fundamental knowledge through a creative teaching learning process.
- ◆ To nurture soft skills in students to make them competitive
- ◆ To impart onsite training and hands-on experience to use latest software
- ◆ To improve the living conditions of society

Program Specific Outcomes (PSOs)

Graduates in Civil Engineering will be able to :

- ◆ Function as competent civil engineer for the safety and betterment of the society
- ◆ Function as design consultants for the design of civil engineering projects
- ◆ Execute civil engineering projects & provide sustainable solutions to the civil engineering problems.

Program Outcomes

- ◆ Engineering Knowledge (PO1): Apply knowledge of mathematics, science, engineering fundamentals, and specialization to solve complex engineering problems.
- ◆ Problem Analysis (PO2): Identify, formulate, and analyze complex engineering problems to reach substantiated conclusions.
- ◆ Design/Development of Solutions (PO3): Design solutions for complex problems and system components, considering public health, safety, and cultural/environmental factors.
- ◆ Conduct Investigations of Complex Problems (PO4): Use research-based knowledge and methods, including design of experiments, analysis, and data interpretation.
- ◆ Modern Tool Usage (PO5): Create, select, and apply appropriate techniques, resources, and modern IT tools to complex engineering activities.
- ◆ The Engineer and Society (PO6): Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal, and cultural issues
- ◆ Environment and Sustainability (PO7): Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge for sustainable development.
- ◆ Ethics (PO8): Apply ethical principles, commit to professional ethics, responsibilities, and engineering practice norms.
- ◆ Individual and Team Work (PO9): Function effectively as an individual, and as a member or leader in diverse teams and multidisciplinary settings.
- ◆ Communication (PO10): Communicate effectively on complex engineering activities with the community and society, including writing, documentation, and presentations.
- ◆ Project Management and Finance (PO11): Demonstrate knowledge and understanding of engineering and management principles to manage projects in multidisciplinary environments.

JULY 2025

2025-26

Expert Lectures / Webinar / Seminar Conducted

Industry Interaction with Ashoka Buildcon

Dr. N. D. Chaudhari, Dr. R. S. Talikoti, and Mr. Dhanraj Deshpande had an interaction with Mr. Sunil Sarna, SGM–HR, Ashoka Buildcon, regarding the AICTE Industry Fellowship Scheme, internships, and student placements. The discussion focused on strengthening industry–institute collaboration, enhancing practical exposure for students, and exploring opportunities for skill development and career growth.



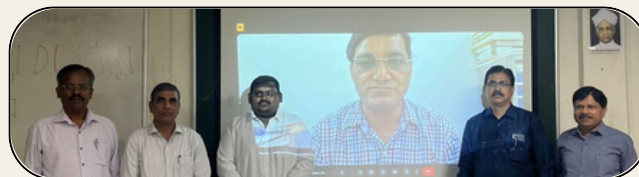
Industry Interaction: Kalika Steel Initiative

A seminar was conducted by Kalika steel on 28th July 2025. Kalika Kreate is a prestigious annual, national-level, sustainable steel art and sculpture design competition organized by Kalika Steel in Jalna, Maharashtra. It challenges engineering and architecture students to create innovative, functional, or artistic structures using TMT bars, with a focus on sustainability and, recently, on designing trophies for "changemakers".



Faculty Achievement

Mr. Abhishek Devidas Chaudhari has successfully completed his PhD in Civil Engineering from Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat in July 2025.



AUGUST 2025

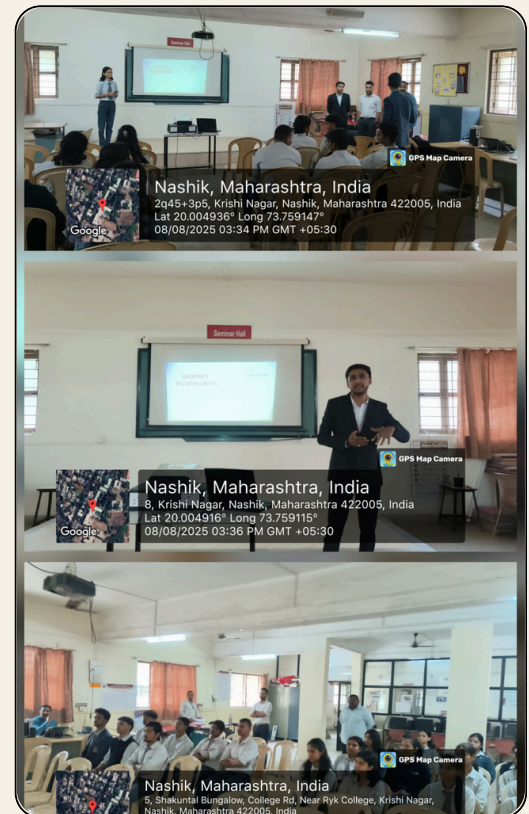
2025-26

Expert Lectures / Webinar / Seminar Conducted

Expert Session on Building Information Modeling (BIM)

An expert session on the topic “Efficiency & Power of Building Information Modeling (BIM) in the Civil Design Industry” was conducted by Infinite Graphix Technologies Pvt. Ltd., a Central Government Training Institute registered as a Government of India Enterprise under the Ministry of Information & Broadcasting on 8th August 2025. The session was organized under the Career Development Cell and CESA.

The experts highlighted the growing importance of BIM in modern civil design, its role in improving project accuracy, efficiency, coordination, and cost-effectiveness. Students gained valuable exposure to the industry-standard tools and emerging technologies that are transforming the civil engineering sector.



Expert Talk: Insights into Digital Marketing

A guest lecture on Digital Marketing was conducted on 11th August 2025 by Mrs. Ketaki Birhade. The session provided students with valuable insights into the fundamentals of digital marketing, including online branding, social media strategies, and current industry trends.



SEPTEMBER 2025

2025-26

Expert Lectures / Webinar / Seminar Conducted

Site Visit to Jalvidnyan Bhavan

A site visit to Jalvidnyan Bhavan was conducted on 3rd September 2025. During the visit, students observed various practical aspects related to water management, infrastructure planning, and system operations. The visit provided hands-on exposure and helped students relate theoretical concepts to real-world applications. It was an informative and enriching learning experience for all participants.



Expert Session on Soft Skills Development

A soft skills lecture for SE students was delivered by Dr. S. R. Kulkarni on 12th September 2025. The session focused on essential professional skills such as communication, teamwork, leadership, and workplace etiquette. Dr. Kulkarni highlighted the importance of soft skills in shaping students' careers and shared practical tips for improving interpersonal effectiveness. The lecture was insightful and well-received by the students.



SEPTEMBER 2025

2025-26

Expert Lectures / Webinar / Seminar Conducted

Industry Insight Session for Civil Engineering Students

A guest lecture was delivered by Mr. Vinod Thorat on 15th September 2025, focusing on the importance of practical knowledge in civil engineering. During the session, he emphasized how hands-on experience, field exposure, and real-world application of concepts play a crucial role in shaping a competent civil engineer. Students gained valuable insights into industry expectations and the need for practical understanding alongside theoretical learning.



Expert Talk on Balance and Stress Management

An expert talk on “Building Balance and Stress Management” was conducted on 29th September 2025. The session focused on understanding stress, identifying its sources, and developing practical strategies to maintain emotional balance in daily life. Students learned techniques for managing academic pressure, improving focus, and cultivating positive habits. The session proved highly informative and beneficial for overall well-being.



Skill Development Training for BE Girl Students

BE girl students attended the Nandi Foundation Training under the Mahindra Pride initiative on 8th September 2025. The programme focused on enhancing employability skills, personality development, communication skills, and confidence-building. Through interactive activities and expert guidance, students gained valuable insights into workplace readiness and professional behavior. The training proved highly beneficial in preparing them for future career opportunities.



SEPTEMBER 2025

2025-26

Expert Lectures / Webinar / Seminar Conducted

Green Initiative by Indian Plumbing Association

A Tree Plantation activity under the Indian Plumbing Association (IPA) was conducted on 28th September 2025. Students participated enthusiastically in planting saplings as part of the institute's environmental awareness initiative. The activity aimed to promote sustainability, ecological responsibility, and the importance of green practices on campus.



Academic Seminars for Second-Year Students

SE Seminars were conducted on 8th September 2025. During these sessions, students presented on various academic and technical topics, enhancing their communication skills, subject understanding, and confidence. The seminars encouraged active participation, critical thinking, and effective presentation skills among the students.



Site Visits to WTP & STP

Site visits to the Water Treatment Plant (WTP) and Sewage Treatment Plant (STP) were conducted on 12th September 2025. The visits provided students with practical exposure to water purification and wastewater treatment processes. Students gained insights into plant operations, treatment stages, and the importance of sustainable water and sanitation management.



SEPTEMBER 2025

2025-26

Expert Lectures / Webinar / Seminar Conducted

Two-Day DGPS Training Programme

A two-day DGPS (Differential Global Positioning System) training programme was conducted on 24th and 25th September 2025. The programme provided participants with hands-on exposure to DGPS equipment and its applications in surveying and civil engineering. The training enhanced students' understanding of accurate positioning techniques and real-world field practices.



Educational Visit: Air Pollution Control

A site visit on air pollution and control was conducted on 19th September 2025. The visit provided students with practical exposure to air pollution sources, monitoring techniques, and control measures used in industries. Students gained a better understanding of air quality management and environmental protection practices through real-world observation.



OCTOBER 2025

2025-26

Expert Lectures / Webinar / Seminar Conducted

Industry Interaction Session by MERI Scientific Officer

An expert session was conducted on 1st October 2025 by Mr. Mahire, Scientific Officer at MERI, who shared his experience regarding testing and consultancy in the field of Geotechnical Engineering. He provided valuable insights into laboratory and field testing methods, consultancy services, and practical challenges faced in geotechnical projects.



Industrial Visit to Manmad (Steel Structures)

A site visit to Manmad focusing on steel structures was conducted on 1st October 2025. The visit provided students with practical exposure to the fabrication, erection, and structural behavior of steel structures. Students gained valuable insights into real-world applications of steel in civil engineering projects and construction practices.



Industrial Visit: Hot Mix Plant (Transportation Engineering)

A site visit to a Hot Mix Plant related to Transportation Engineering was conducted on 7th October 2025. The visit helped students understand the production process of bituminous mixes, quality control measures, and their application in road construction. Students gained practical exposure to pavement materials and modern road construction practices.



OCTOBER 2025**2025-26****Expert Lectures / Webinar / Seminar Conducted****Expert Lecture on Air Quality Modelling**

An expert lecture on Air Quality Modelling was conducted on 9th October 2025 for BE students. The session was delivered by Mr. P. L. Pathak, who explained the concepts, techniques, and applications of air quality modelling in environmental assessment and pollution control. The lecture provided valuable insights into real-world applications and enhanced students' understanding of environmental engineering practices.

**NOVEMBER 2025****Expert Lectures / Webinar / Seminar Conducted****FDP on Computational Fluid Dynamics and Its Applications**

A Faculty Development Program (FDP) on “Computational Fluid Dynamics (CFD) and its applications using ANSYS” was conducted from 17th November to 21st November 2025. The five-day program focused on the fundamentals of CFD, numerical modeling, and practical applications using ANSYS software. Participants gained hands-on experience in simulation techniques relevant to engineering and research applications. The program enhanced the technical competence and analytical skills of the faculty members.

ABOUT THE FDP The Faculty Development Program (FDP) on “Computational Fluid Dynamics (CFD) and its applications using ANSYS” is designed to provide participants with fundamental knowledge and practical exposure to Computational Fluid Dynamics (CFD) tools and techniques. CFD is widely used in Mechanical and Civil Engineering for applications such as aerodynamics, turbomachinery, HVAC, hydraulic structures, and wind analysis of buildings. This program bridges the gap between theory and practical hands-on through: - Basics of fluid dynamics and governing equations. - Step-by-step CFD methodology (geometry, meshing, boundary conditions, solving, post-processing). - Hands-on training using CFD software. - Case studies of real-world engineering problems. Objectives - Understand fundamentals of CFD and its applications. - Enhance teaching and research skills of faculty. - Train the faculties to solve practical Mechanical and Civil engineering problems using CFD. - Promote simulation driven innovation, encouraging interdisciplinary applications and problem solving. Expected Outcomes - Participants will be able to set-up, simulate and analyze CFD problems. - Perform pre-processing, solving, and post-processing in CFD. - Design applications of CFD techniques in academics research, and industrial. FDP Mode : Hybrid Session (Online) : 10.30 a.m. – 12.30 p.m.	  Faculty Development Program (FDP) on “Computational Fluid Dynamics (CFD) and its applications using ANSYS” From 17 th November to 21 st November 2025  Organized by Departments of Mechanical & Civil Engineering Gokhale Education Society's R. H. Sapat College of Engineering, Management Studies and Research Prin. T. A. Kulkarni Vidyayanagar, College Road, Nashik-422 005, MS (Accredited by NAAC with Grade B++) (Affiliated to Savitribai Phule Pune University) Website: https://ges-coengg.org/ In collaboration with ANSYS India, Invenys CAD solutions and
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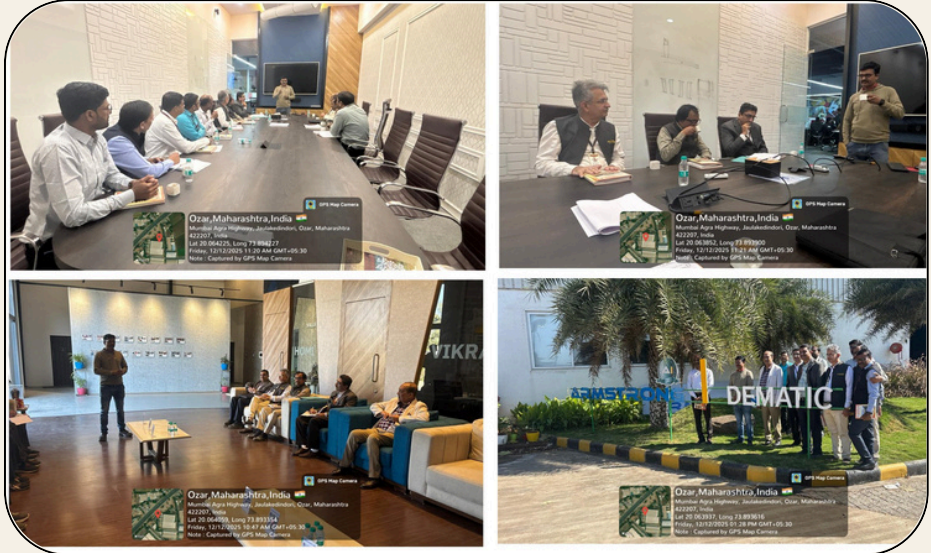
DECEMBER 2025

2025-26

Expert Lectures / Webinar / Seminar Conducted

Faculty Industrial Visit to Armstrong Dematic Plant

A faculty industrial visit to the Armstrong Dematic Plant was conducted on 12th December 2025. The visit aimed to provide faculty members with industry exposure to modern automation, manufacturing processes, and operational practices. The interaction helped to bridge the gap between academic teaching and industrial applications, enabling faculty to incorporate practical insights into teaching and research.



Students Sport Achievement

SE Civil Student Selected for Khelo India Event

Mr. Bhavishya Wagh of the SE Civil Department has been selected to participate in the Khelo India Inter-University Athletics 4×100 meter relay running competition. The event was held at Poornima University, Rajasthan, from 26th November to 4th December 2025. His selection at the inter-university level is a matter of pride for the department and the institute. We wish him great success in the competition.



Gold Medal Achievement at National Karate Selection Trials

Mr. Atharva R. Deshmukh from TE(Civil) secured a Gold Medal in the National Selection Trials conducted by the Karate India Organisation and has been selected for the National Games 2025. The National Games will be held in Bangalore, Karnataka. This remarkable achievement reflects his dedication, discipline, and excellence in sports. The institute congratulates him and wishes him great success in the upcoming National Games.



Students Achievement

Outstanding Achievement in MPSC Civil Engineering Services 2024

Mr. Gadekar Deepak Prakash (Batch 2021–22) has secured Rank 11 in the MPSC Civil Engineering Services Examination 2024. He has been appointed as a Sub Divisional Water Conservation Officer (Group A) in the Soil and Water Conservation Department, Government of Maharashtra.

This remarkable achievement is a matter of great pride for the department and the institute. We congratulate him on his success and wish him a distinguished career ahead in public service.



Alumni Achievement: Selection in Land Record Department

Ms. Shivani Sunil Satpute (Batch 2022–23) has been selected as a Land Surveyor in the Land Record Department. This achievement reflects her dedication and technical competence in the field of civil engineering and surveying.

The department congratulates her on this accomplishment and wishes her great success in her professional career.



Alumni Achievement: Selection in Land Record Department

Mr. Karan Nitin Somani (Batch 2022-23) has been selected as a Land Surveyor in the Land Record Department. His achievement reflects his dedication, technical knowledge, and competence in the field of surveying and civil engineering.



Academic Toppers

Academic Toppers 2024-25

Civil Engineering



Shubham Badgujar
SE - CGPA 8.5



Chetana Aher
TE - CGPA 8.95



Kiran Ahire
BE - CGPA 8.67

Practical Session in Concrete Technology Lab

SE students actively performed practical experiments in the Concrete Technology Laboratory. Practical sessions play a vital role in understanding the fundamental concepts of the subject in a clear and effective manner. Through hands-on experiments, students gained better insight into the properties, behavior, and testing of concrete. These practical activities enhanced their conceptual clarity and strengthened their technical knowledge.



Python Practical Session in Software Laboratory

Students of the Civil Engineering Department actively performed Python practicals in the Software Laboratory. During the session, students developed programs relevant to civil engineering applications. The practical session enhanced their programming skills and demonstrated the effective use of computational tools in civil engineering.

