

Newsletter
AY 2024-25
SEMESTER -II

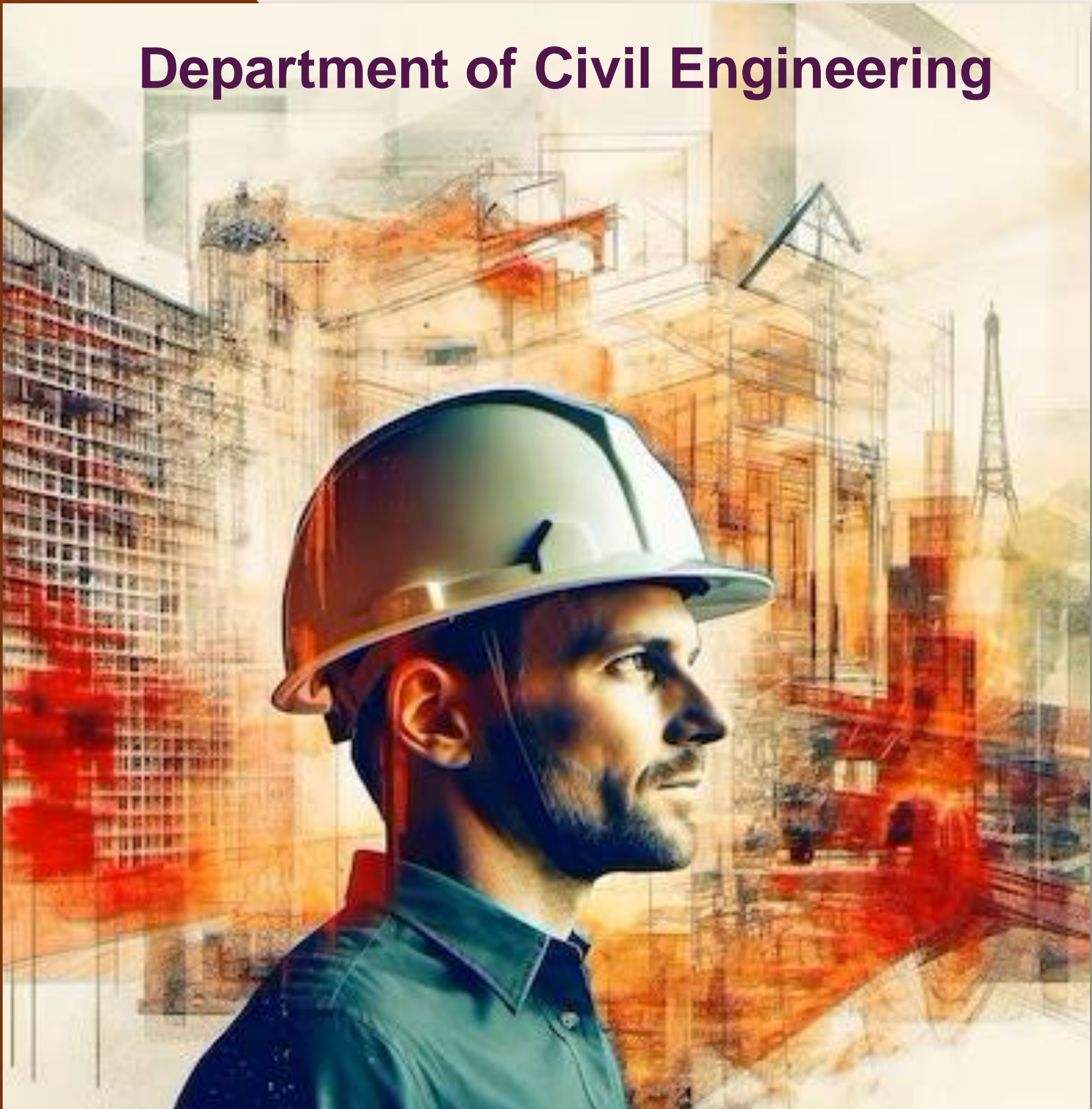


KOLHAPUR INSTITUTE
OF TECHNOLOGY'S
**COLLEGE OF
ENGINEERING
KOLHAPUR**
(EMPOWERED AUTONOMOUS)

Avalokan

Volume 05 : Issue 02

Department of Civil Engineering



Kolhapur Institute of Technology's College of Engineering, Kolhapur.
(Empowered Autonomous)

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Executive Editor's Desk



I'm pleased to present the Fifth edition of AVALOKAN Volume-05 Issue-2, This edition of the Department of Civil Engineering's newsletter, highlighting our achievements and events from the past six months (AY 2024-25 Sem -II). I extend special thanks to Dr. Mohan Vanarotti. (Director, KITCoE) and Dr. A. K. Khebudkar (HOD, Civil) for their inspiration and valuable feedback, as well as to the editorial committee for their support. I hope you enjoy reading the upcoming pages.

About the department

Established in 1988 with an intake of 120, the department has 10 advanced labs (investment: ₹1.70 Cr) for academics, research, and consultancy. NBA-accredited four times (2005, 2008, 2018, 2020) and reaccredited in 2023. Students benefit from experienced faculty with 30+ years in teaching, fieldwork, and consulting.

Director's Message



Dear Readers,

It is my pleasure to present this edition of our biannual newsletter, highlighting the Department of Civil Engineering's achievements, innovations, and initiatives. Avalokan reflects our commitment to excellence, leadership, and continuous learning.

I applaud the team's dedication in crafting this platform, which fosters engagement and inspires progress.. My heartfelt gratitude to all contributors for their hard work in making this possible. As we move forward, I am confident Avalokan will grow stronger, capturing more milestones and sparking greater creativity. Let's keep turning ideas into action and shaping a brighter future together.

HOD's Message



The Civil Engineering Department proudly presents the latest edition of our biannual newsletter, capturing key developments from Semester -II. This issue highlights faculty accomplishments, student initiatives, and valuable industry engagements that have shaped our academic journey.

"Avalokan" serves as both a reflection of our progress and a roadmap for future growth aligned with our institutional vision. We commend the editorial team for their excellent work in bringing this publication to life. We welcome your suggestions to improve upcoming editions as we continue this knowledge-sharing tradition.

Avalokan

Vision and Mission of the Department

Vision

To produce a dynamic and compatible civil engineer who will meet the requirements of local and global industries and impart services to the society.

Mission

- To make the students responsible towards society through technical guidance, exhibition and awareness campaigns.
- To inculcate flexibility and dynamism in instructional method along with sound knowledge base through modern tools, discipline and hard work.
- To create academic excellence by encouragement to students for participation and to win laurels for attaining self-esteem and personality development.
- To inculcate social and ethical values in students

Accreditation Status



Civil Engineering Program is accredited by National Board of Examination (NBA). The expert team conducted on site evaluation of the program from 3rd November 2023- 5th November 2023. status of evaluation is program accredited for 3 years , Valid till 30/06/2026



Program Outcomes (PO's)

Engineering knowledge- Apply the knowledge of mathematics, science, engineering fundamentals, and engineering specialization to the solution of complex engineering problems.

Problem analysis- Identify, formulate, research literature, and analyze engineering problems to arrive at substantiated conclusions using first principles of mathematics, natural, and engineering sciences.

Design/development of solutions- Design solutions for complex engineering problems and design system components, processes to meet the specifications with consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Conduct investigations of complex problems- Use research-based knowledge including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Modern tool usage- Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

The Engineer and society- Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

Environment and sustainability- Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Ethics- Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Individual and Teamwork- Function effectively as an individual, and as a member or leader in teams, and in multidisciplinary settings.

Communication- Communicate effectively with the engineering community and with society at large. Be able to comprehend and write effective reports documentation. Make effective presentations and give and receive clear instructions.

Project management and finance- Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team. Manage projects in multidisciplinary environments.

Life-long learning- Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSO's)

1. **Foundation for work on site-** Ability to understand, visualize & work on site quality control systems through consultancy work in the department.
2. **Ability to apply knowledge-** Ability to apply knowledge in various fields to provide solution to new ideas and innovations through the departmental expertise in various fields in civil engineering.
3. **Pursue Career Path-** Show excellent performance in academics to pursue higher studies and succeed in engineering service examinations.

Program Educational Objectives (PEO's)

Graduates, after completion of programme will be able to:

1. **Preparation-** To pursue an education in enriching knowledge of civil engineering.
2. **Core Competence-** To work with a firm foundation in mathematical, scientific, engineering and logical fundamentals of civil engineering required to solve civil engineering problems and to pursue higher studies.
3. **Breadth-** To exhibit good scientific and engineering breadth related to computers, environmental issues and remote electronic applications so as to comprehend, analyze, design and execute civil engineering projects.
4. **Professionalism-** To acquire professional and ethical attitude, effective communication skills, teamwork and leadership skills and ability to relate various issues for uplift.
5. **Learning environment-** To have an academic environment excellence, leadership, guidelines and lifelong learning needed for successful professional career in civil engineering.

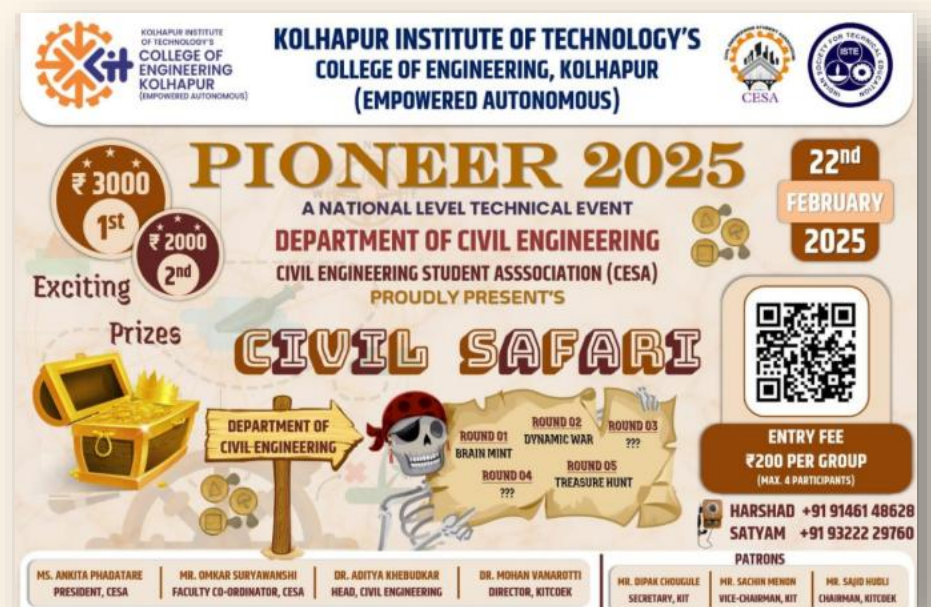
Departmental Activities

Sr. No.	Name of Activity	Co-ordinator	Date of Activity
01	Civil Safari @ PIONEER 2025	Mr. O. P. Suryawanshi	22/02/2025 & 23/02/2025
02	Visit- Water Treatment Plant	Mr. S S. Mane, Mrs. V. V. Mahajani	02/03/2025 & 03/03/2025
03	Site Visit – Kolhapur Metrological station	Mrs. V. V. Mahajani	01/04/2025 & 02/04/2025
04	Site Visit for Course GTE- II at Bedekar Lifescapes LLP, Kolhapur	Mr. G. A. Chavan	07/04/2025
05	RMC Plant Visit at Startech Pvt. Ltd. Vikaswadi, Kagal	Mr. S. G. Sawant Mr. J. J. Gavade	08/04/2025 & 09/04/2025
06	Workshop – Scan to BIM: 3D laser Scanner demonstration	Dr. R. V. Nalawade	12//04/2025
07	Raising Capital and managing Finance for startups	Mrs. R. B Shankargouda	15/04/2025
08	Site Visit of Building Planning and Design Course	Mr. S. B. Mohite	16/04/2025
09	Project Based Learning (PBL) Day	Dr. Akash Anand Mrs. R. B Shankargouda	26/04/2025





Civil Safari is a national-level technical event organized by the Department of Civil Engineering, CESA, at KIT's College of Engineering, Kolhapur, on 22nd February 2025; 10:00am at CVCR04. Mr. O. P. Suryawanshi was the Coordinator for event. It features exciting rounds like Brain Mint, Dynamic War, and a Treasure Hunt. The event seems to be a mix of technical challenges and interactive activities aimed at engaging civil engineering students in a competitive and fun format.



Visit- Water Treatment Plant at Puikhadi, Kolhapur



The Department of Civil Engineering, KIT's College of Engineering, Kolhapur, organized a site visit to the Puikhadi Water Treatment Plant on 2nd–3rd March 2025 for S.Y. B.Tech. (Div. A & B) students. Coordinated by Mr. Sunil Mane alongwith other four faculties and guided by Asst. Engineer Rishikesh Patil, the visit offered hands-on learning about water treatment processes and served as part of the ISE-I evaluation. It helped bridge classroom concepts with real-world applications in environmental and public health engineering.

Site Visit – Kolhapur Metrological station

A site visit to the Kolhapur Meteorological Station was organized on April 1st and 2nd, 2025, for the 3rd-year Civil Engineering students. The visit aimed to provide students with practical exposure to weather monitoring systems and the functioning of a meteorological station. During the visit, students had the opportunity to observe and understand various instruments used for measuring temperature, humidity, rainfall, wind speed, and direction. The station officials provided valuable insights into data collection methods, weather forecasting techniques, and the importance of meteorological data in civil engineering applications such as flood forecasting, infrastructure planning, and environmental studies. The visit was highly informative and helped bridge the gap between theoretical knowledge and real-world application, enhancing the students' understanding of climate data's role in engineering practices.





As part of the GTE-II curriculum, third-year B.Tech students visited the Bedekar Lifescapes LLP construction site on 19/11/2024. The visit offered practical exposure to foundation systems, including excavation, reinforcement layout, and concreting. Students observed real-time implementation of IS codes and construction methods. Coordinated by faculty, the visit enhanced understanding of foundation design, improved analytical thinking, and highlighted site-level challenges. It bridged theoretical learning with practical application through direct interaction with professionals at the Tarabai Park, Kolhapur project site.





The Department of Civil Engineering organized an industrial visit to the Ready-Mix Concrete (RMC) Plant at Startech RMC, Vikaswadi, Kagal for Second Year students on 8th April 2025 and Third Year students on 9th April 2025. The visit aimed to provide practical exposure to modern concrete production processes, including batching, mixing, and quality control techniques. Students observed real-time operations of an RMC plant and interacted with professionals to understand the workflow and technologies involved. Six faculty members accompanied the students and ensured smooth coordination throughout. The visit proved to be highly informative and enriching, bridging the gap between classroom learning and industry practices.

Workshop – Scan to BIM: 3D laser Scanner demonstration

A workshop on "Scan to BIM: 3D Laser Scanner" was conducted on 12th April 2025 at KIT's College of Engineering, Kolhapur, led by Mr. Vijay Chandole. The session provided hands-on training on 3D laser scanning technology used to generate Building Information Models (BIM). Students gained practical exposure by scanning structures like the Central Library and Amphitheatre. The workshop enhanced their understanding of digital surveying techniques, data acquisition, and 3D modeling, bridging theoretical knowledge with modern construction practices and visualization tools used in civil engineering design and planning.



Raising Capital and Managing Finance for startups

The E-CELL of KITCOEK Civil Department organized a session on “Raising Capital and Managing Finance for Startups” for civil students, focusing on legal and ethical steps in launching startups. The event, held ON 16 APRIL 2025 at 3:30 PM, featured guest Mrs. Anjori Kumbhoje and faculty coordinators Mrs. Vidula Waskar and Mrs. Rashmi Shankargouda. Topics covered included startup fundamentals, market research, business plan development, company formation, funding strategies, and team building. The session aimed to inspire innovation and provide practical knowledge on building sustainable businesses. Students gained insights into startup challenges and the importance of ethics, planning, and legal compliance.



Site Visit of Building Planning and Design Course

A site visit for the Building Planning and Design course was conducted on 16th April 2024 at the City Avenue Commercial Complex, Kolhapur, for 170 second-year B.Tech Civil Engineering students. The visit aimed to provide practical exposure to modern construction techniques and public building planning. Faculty members Mr. Mohite S.B., Mrs. V.G. Waskar, Mr. Sawant S.G., and Mr. Gavade J.J. guided the students. During the visit, students observed new materials, construction components, and modern equipment. The session included a Q&A interaction with the site in-charge and builder, enhancing students' understanding of real-world civil engineering practices.



Project Based Learning (PBL) Day

Department organized PBL Day on 26th April 2024; 10:00 am at CVCR04 & CVCR03 for Course IPL-II & PP-II, Dr. Akash Anand, Mr. J. J. Gavade, Mrs. R. B. Shankargouda & Mr. Shravankumar M. Monitoring during event. Overall, the objective of PBL Day was correlating theoretical studies to solve actual industrial problem statements. Mr. Vishwanath Pawar & Mr. Shakti Shinde was the evaluator for PBL Day who also motivates the students towards research.



Faculty Achievement

Research/ Award/ Any other Achievement

Sr. No.	Name of Faculty	Award / Achievement	Description	Awardee Institute
01	Dr. R. V. Nalawade	Certified Trainer/ Bentley Qualified Trainer	Acknowledged by Bentley for providing global professional training in domain of OpenFlow	Bentley Systems, US
02	Dr. R. V. Nalawade	BSI Certified professional	Assessor and Trainer	British Standards Institute, UK

Faculty Conducted Programme

Sr. No.	Name of Faculty	Description	Organising Institute	Duration
01	Dr. R. V. Nalawade	15 Days International Corporate Training, Bentley product training for Solomon Water in the Solomon Islands, providing intensive technical instruction over 15 days to government water infrastructure engineers	Engineers Without Borders New Zealand (EWBNZ)	02/12/2024 to 13/12/2024
02	Dr. M. N. Hiremath	Delivered a technical talk on: "Glacier Preservation", on the occasion of World Water Day	KLECET, CHIKODI	22/03/2025

Paper Presented at Conferences

Sr. No	Name of Faculty	Title of Paper/ Poster Presented	Details of Conference	Organizing Institute	Duration
01	Dr. R V. Nalawade	Review of lean techniques as a project scheduling risk management tool for construction projects	ICEIT 2025	KITCoEK Kolhapur	16-17 May 2025 Paper accepted for conference *

Faculty Publications

Sr. No.	Name of Faculty	Details of Publication/ Title of paper	DOI
01	Mr. Amol B. Sawant	Acid Curing Effect on Compressive Strength of M30 Concrete with Blast Furnace Slag as a Partial Replacement of Course Aggregate	20.14118/v75.2025.102414
02	Dr. Aditya K. Khebudkar		
03	Mr. Amol B. Sawant	Impact on M40 Grade Concrete with Partial Replacement of Coarse Aggregate by Blast Furnace Slag	10.1018/IJCEE.2025.13.1.649
04	Mr. Amol B. Sawant	Utilization of Industry (Green Age Agro Engineering) Waste in Concrete	Scopus
05	Mr. Amol B. Sawant	Experimental Investigation on Utilization of Blast Furnace Slag in M30 Grade Concrete as a Partial Replacement of Coarse Aggregate	10.1018/IJCEE.2025.13.2.658
06	Mr. Amol B. Sawant	Effect of Acid (Hydrochloric and Nitric) on Compressive Strength of M40 Concrete with Blast Furnace Slag as a Partial Replacement of Course Aggregates	10.1018/IJCEE.2025.13.4.739
07	Mr. Amol B. Sawant	Experimental Study on Effect of Utilization of Blast Furnace Slag in M20 and M30 Grade Concrete as a Partial Replacement of Course Aggregates	18.15001/JOT.2025/V13I3.25.1326
08	Mr. Amol B. Sawant	Experimental Study on Effect of Blast Furnace Slag in Concrete as a Partial Replacement of Course Aggregate	12.163022.Gj.2025.v18.03.013
09	Mr. Amol B. Sawant	Effect on Compressive Strength of M30 and M40 Concrete with Blast Furnace Slag as a Partial Replacement of Course Aggregate	20.14118/v75.2025.102408
10	Dr. M. N. Hiremath	“Influence of Landfill Leachate On Surrounding Soil”	Abstract Submitted
11	Dr. M. N. Hiremath	Comparative Study On Water Retention Capacity of Soil By Using Geosynthetic Clay Liners And Bentonite Clay	Abstract Submitted
12	Dr. M. N. Hiremath	Influence Of Zinc Slag On Geotechnical Properties Of Laterite Soil	Abstract Submitted

Faculty Participation

Sr. No	Name of Faculty	Description	Organizing Institute	Duration
01	Mr. Shital M. Kolekar	AICTE- ATAL FDP -Program on Urban Development of Smart Cities and Mobility	AMGOI, Vathar	30/12/2024 to 04/01/2025.
02	Mr. Sandeep G. Sawant			
03	Mr. Amol B. Sawant			
04	Mr. Jagdish J. Gavade	3D Printed Composites: Materials, Technologies, and Applications	MKSS'S COEW, Pune	06/01/2025 to 11/01/2025
05	Mr. Amol B. Sawant	ISTE Approved FDP on Structural Audits and Non Destructive Testing	ADCET, Ashta	13/01/2025 to 17/01/2025
06	Mr. Sandeep G. Sawant			
07	Mr. Amol B. Sawant	AICTE- ATAL FDP on Integrating Disaster Management with Resilient Structural Engineering: New Horizons	Rajkiya Engineering College, Mainpuri	13/01/2025 to 18/01/2025
08	Mr. Samarth S Shirol	AICTE- ATAL FDP on Sustainable Practices in Energy and Environment Sector	D Y Patil International University, Pune	16/12/2024 to 21/12/2024
09	Mr. O. P. Suyawanshi	Emerging Technologies for Sustainable Water Management & Google earth engine for hydrological application	IIT BOMBAY	03/01/2025 To 05/01/2025
10	Mr. Shrawankumar			
11	Dr. Aditya Khebudkar	Workshop On "Experiential Learning In Engineering Through Community Engagement: Agricultural Distribution Systems"	IIT BOMBAY	27/03/2025 to 28/03/2025.
12	Mrs. Rashmi B. Shankargouda	Innovation and Entrepreneurship	KIT- IRF	25/03/2025 to 29/03/2025

Students Achievement

Sr. No	Name of Student / Group	Achievement Category	Details of Programme	Achievement	Organizing Institute
01	Vishwajeet Jitendra Lohar	GATE EXAM	GATE Score & Secured Rank in GATE 2025	GATE 2025 Qualified	IIT Roorkee
02	Prasad Maruti Kalvikatte				
03	Ashish Vinayak Dixit				
04	Omkar Mansing Desai				
05	Miss. Sanchita Akiwate	Sports	Maharashtra Shooting Ball Team in 2025	Selected as the Captain of the Maharashtra Shooting Ball Team in 2025	-
06	Civil Engineering - BOYS	Sports	Annual Sports 2025- Cricket	Winner	KITCoEK, Kolhapur
07	Civil Engineering - BOYS	Sports	Annual Sports 2025- Football	Runner-up	KITCoEK, Kolhapur
08	Civil Engineering - BOYS	Sports	Annual Sports 2025- Basketball	Runner-up	KITCoEK, Kolhapur
09	Civil Engineering - BOYS	Sports	Annual Sports 2025- Volleyball	Runner-up	KITCoEK, Kolhapur
10	Civil Engineering - GIRLS	Sports	Annual Sports 2025- Basketball	Wnner	KITCoEK, Kolhapur
11	Civil Engineering - GIRLS	Sports	Annual Sports 2025- Kabaddi	Runner-up	KITCoEK, Kolhapur
12	Civil Engineering - GIRLS	Sports	Annual Sports 2025- Volleyball	Runner-up	KITCoEK, Kolhapur

Placements

32 Students were already placed till 30/04/2025 & Still Recruitment process Continued.....

Sr. No.	Candidate Name	Recruiting Company Name	Package (LPA)
01	Vishwajeet Jitendra Lohar	Maire Tecnimont	5.50
02	Arpita Mane		
03	Kimya Vikas Lokare		
04	Swarali Shirish Kulkarni	Reliance Industries Ltd	7.5
05	Sairaje Vishwas Nimbalkar		
06	Jagdish Garade	Adani Cement	4.25
07	Ishan Deshmukh		
09	Mahammad Saqib		
10	Pratik Khetal		
11	Sanket Mendhe		
12	Vishal Koli		
13	Aaditya Sutar		
14	Rohan Mane		
15	Abid Ismail Pakhali	JNK India Ltd	5.14
16	Akshada Anil Shekhar		
17	Hrishikesh Bhivaji Gadgil	Aries Marine & Engineering Services Private Limited Mumbai	3.60
18	Dhiraj Dharmaraj Lomate		
19	Gouri Laxman More		
20	Tejas Mali		

Avalokan

Placements

32 Students were already placed during first semester Till 30/04/2025 & Still Recruitment process Continued

Sr. No.	Candidate Name	Recruiting Company Name	Package (LPA)
21	Vaibhav Suresh Hawaladar	Indovance	3
22	Swarup Shivaji Gavandi		
23	Aakanksha Santosh Zade		
24	Prachi Bipin More		
25	Dhiraj Dharmaraj Lomate		
26	Prerana Pravinkumar Chougule		
27	Yash Patil		
28	Yamin Vajiralli Sutar		
29	Aarya Patil		
30	Sandesh Nitin Rukadikar	Niyash Contracts, Mumbai - Ashva Buildcon.	3
31	Prathamesh Sardar Patil		
32	Satyam Mohan Nimbalkar	Integrity Prefab	3.5

Toppers – AY 2024-25 (SEM-I)

Class	Name	CGPI	EQ % MARKS	Rank
Final Year				1 st
				2 nd
				3 rd
Third Year				1 st
				2 nd
				3 rd
Second Year				1 st
				2 nd
				3 rd
				3 rd



Departmental Activity at Glance



SPORTS

CULTURAL ACTIVITY



ACADEMICS



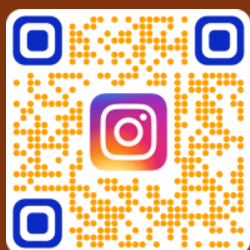


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