



# **AISSMS**

## **COLLEGE OF ENGINEERING**

**ज्ञानम् सकलजनहिताय**



Approved by AICTE, New Delhi, Recognized by Government of Maharashtra  
Affiliated to Savitribai Phule Pune University and recognized 2(f) and 12(B) by UGC  
(Id.No. PU/PN/Engg./093 (1992))

**Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes**

## **DEPARTMENT OF CIVIL ENGINEERING**

### **ANNUAL REPORT**

### **ACADEMIC YEAR 2024 – 25**

#### **VISION OF DEPARTMENT**

**Nurture the talent in civil engineers to work as global leaders for  
development of society.**

#### **MISSION STATEMENTS OF DEPARTMENT**

- **Provide quality education to develop competent civil engineers.**
- **Create the awareness among students for sustainable development.**
- **Cultivate the leadership qualities for becoming  
successful entrepreneurs.**

## **1. FACULTIES ATTENDED FOLLOWING SEMINARS/ WORKSHOPS/ FDP/STTP/CONFERENCES**

- Dr. U R Awari, Dr. V S Chavhan and Dr. S S Bhuinyan attended FDP on Coastal Engineering organized by DYPCOET, Pimpri from 02.09.2024 to 06.09.2024
- Mrs K N Kulkarni, Dr. S S Bhuinyan and S P Khedekar attended 4-Days Online Training Program at CWPRS, Pune on “Physical and Numerical Modeling for Hydraulic Design of Reservoir and Appurtenant structures” during 17-19, July 2024
- Mr. P R Modak attended 2-weeks FDP on Research Writing.
- Dr. S S Bhuinyan attended Session on UHPC- A philosophy in itself, Engineer’s Day Celebration event jointly organized UltraTech Cement Ltd by ACCE(I), BAI & ICI - Pune at Deccan Gymkhana Hall on 19.09.2024.
- C S Misal successfully completed NPTEL course on 'Principles and Applications of Building Science' during July-October 2024
- C R Yeole successfully completed NPTEL Course on “Availability and Management of Groundwater Resources” July-November 2024
- Dr. U R Awari Attended BOS meeting to finalize BE Civil Structure on 15.01.2025 at Ajinkya D.Y. P. University.
- Dr. U R Awari Finalized ME structure 2025 pattern on 17.01.2025
- Dr. V N Patil Attended start of program - Ministry of Education Innovation Cell and AICTE-UDYMOSTAV 2025.
- Dr. S.S. Bhuinyan and Dr. S P Khedekar Attended Author meet program Guest Author Speaker: Dr Meeran Chadha Borwankar (Former IPS Officer and Author) on 15 January 2025
- Dr. S.S. Bhuinyan Attended One week workshop on seismic safety assessment of dams, organized by the IEIPLC and Indian society of earthquake technology Pune local centre on 10 Jan 2025.
- Dr. K N Kulkarni Visited and attended meeting of panel members for paper setting for M. Tech CM FY subject “PPMC” at D Y Patil College Akurdi on 09.01.2025

- Mr. C S Misal Coordinated 'Standards Carnival' program under Standards Club on 10/01/25 and motivated students to participate in Poster presentation and Power point presentation.
- Dr S R Parekar attended Workshop on “Innovative teaching and learning”.
- Dr. U R Awari Attended Inaugural session of all India Seminar on circular economy for sustainable developed organised by Institution of Engineers Pune local centre on 24.01.2025
- Dr. U R Awari Coordinated all India seminar on circular economy for sustainable development organised by Institution of Engineers Pune local centre on 24.01.2025.
- Dr. K N Kulkarni and Ms S P Khedekar Co-ordinated Rotary Club and AISSMS COE Computer department program on "Software Development" on 18.1.25 at COEP auditorium.
- Dr. M V Waghmare attended One week FDP on Innovative Teaching Learning Practices for Engineering Education
- Dr. Atulkumar Manchalwar, Mr. C R Yeole, A M Shete and V V Rokade attended FDP on “Retrofitting and Rehabilitation of Building Structures”
- Mr. V S Bhakare attended FDP- Modernization in Civil Engineering.
- Dr. V N Patil Attended Webinar "Dynamic Hackathon Webinar Series” on 12/02/2025.
- Dr. V N Patil organized Ideathon 2024-25 competition on 10-12 th Feb 2025.
- Dr. R D Nalawade Attended Geo summit at APCOER, Pune.
- Dr. V N Patil Coordinator SPPU STARTUP OLIMPIAD organised by SPPU IIC. Teams from different departments registered for finals and submitting projects.
- Dr. P B Nangare Attended Industry Visit @ CDAC & C- MET, Baner Pune on 12.3.2025.
- Dr. V N Patil Attended "Workshop on Intellectual Property and Technology Transfer " On 11th March 2025 Organised by Ministry of Education Innovation Cell and IIC Bharatee Vidyapeeth College Of Engineering, Lavale, Pune.
- Dr. V N Patil Presented paper in “International Conference on Gender Equality and Women Empowerment 2025” on 8.3.2025 organized by PVG Pune on “Empowering Voices: Women in Decision making in India- from Historical Legacy to Future Leadership”

- Dr. S S Bhuinyan Attended Forbes Marshall Online Faculty Development Programme - Education for Industry Readiness on 12/03/2025.
- Dr K N Kulkarni and Dr. M V Waghmare NEP Orientation & Sensitization Programme from March 6-14, 2025 online mode.
- Dr. V N Patil Attended BOS meeting at D Y Patil Technical Campus, Talsande, Kolhapur on 18th March 2025.
- Dr. S S Bhuinyan Dr K N Kulkarni and Ms S P Khedekar Attended Two Days National Level Workshop on "Introduction to Optimization in Engineering through AI Tools and Techniques" Dates March 17th - 18th – 2025.
- Dr. M V Waghmare Attended IFEES GEDC IUCEE Global Webinar “Crazy Idea: What If We Use Engineering to Develop and Deliver Engineering Education?” on 19/03/2025.
- Dr. Atulkumar Manchalwar, Mr. C R Yeole, A M Shete and V V Rokade Conference attended ICRDSI 25 organised by School of Civil Engineering KIIT UNIVERSITY
- Ms.V V Rokade Attended IFEES GEDC IUCEE Global Webinar on "Crazy Idea: What if we use Engineering to Develop and Deliver Engineering Education .
- Dr S. D. Nagrale, Dr K. N. Kulkarni , Dr S.S. Bhuinyan and Ms. S. P. Khedekar Attended FDP on Role of Artificial intelligence and Automation in Civil Engineering from 24-28 March, 2025 organized by DYPIT, Pimpri.
- Mrs. M S Chiwande attended one Week National Level Faculty Development Program (FDP) on "Revolutionizing Engineering Education using Artificial Intelligence: ML, DL and Generative AI organised by PCCOE, Pune.
- Dr. P B Nangare Attended TEDx Program on 09.04.2025.
- Dr. V N Patil Attended Conference on “Innovation Engineering and Technology” on 9.4.25 as a session co Ordinator organized by AISSMS’ COE Pune
- Dr. P B Nangare, Dr K N Kulkarni, Dr S S Bhuinyan DR MV Waghmare, Dr S P Khedekar Attended M.E. Dissertation. Workshop organized by SPPU on 29. April 2025.

## 2. FACULTIES ORGANISED SEMINARS/ EXPERT LECTURE /WORKSHOPS/ FDP/STTP/CONFERENCES

- Dr. P B Nangare and Dr. S. K. Nalawade has Organised Poster Competition cum Exhibition on 'Failure case study of any Hydraulic Structure' for DHS Subject at BE Civil.



### **Poster Competition cum Exhibition for DHS Subject at BE Civil – Judge Prof Snehal Dethe**

- Dr. (Mrs) V N Patil conducted Workshop sessions on “Intellectual Property Right & IP Management” at Pratibha Institute of Business Management on 03.10. 2024.
- Dr. S S Bhuinyan worked as an organizing committee member in 4<sup>th</sup> National Conference on Innovation in Engineering and Technology 2024 (NCIET 2024).
- Mrs S A Chavan organized an Expert Lecture on ‘Practical implementation of Mechanics of Structure using STAAD.Pro FEM Base Software, by Mr. Zeeshan Sakkarge on 01.08. 2024
- Mr. C R Yeole Expert Lecture organized on Advanced Surveying Equipment DGPS on 3/2/25.
- Dr. A. A. Manchalwar and Dr. V. N. Patil organised d Session on Achieving “Value Proposition Fit” and “Building Fit” 30/08/2024, Expert - Prof. Gururaj Dhangare Head of Dept of MBA at PIBM Chinchwad.
- Dr V N Patil and Dr. A. A. Manchalwar organised Workshop on Business Model Canvas (BMC) 30/08/2024, Expert was - Dr. Mahima Singh, Associate Professor at PIBM.
- Mrs. M. S. Chiwande Session on Advanced Concrete Technology 10/10/2024, Expert was - Mr. Yusuf Inamdar, J Kumar Infra Pune Research Head.

- Dr. S. R. Parekar and Mrs. M. S. Chiwande has organised IEI\_ Activity Quiz on Design of Steel Structure on 18/10/2024.
- Dr. S. R. Parekar has conducted on Awareness of NPTEL of DRCS, on 27/08/2024
- Dr. S. R. Parekar and Dr. P.R. Satarkar has arranged expert session on Truss Analysis using ANSYS, 10/10/2024, Expert - Mr. P.V. Deshmukh.
- Mr. U. J. Jadhav and Mrs. S. A. Chavan organised expert lecture on Practical Application of Structural Analysis using software on 1/08/2024, Expert - Mr. Zeeshan Sakkarge.
- Mr. C. R. Yeole has Organised expert lecture on Geophysical Survey and Resistivity Analysis, on 23/10/2024, Expert - All Dr. N. V. Sharma, Chief Geophysicist, GSDA Pune.
- Dr K N Kulkarni and Dr S P Khedekar has arranged expert talk on Modern tools in project management, on 22/04/2025, Expert- Er. Swaraj Chalke
- Dr S R Parekar and Dr. S. S. Bhuinyan has arranged session on Guidance for preparation of ‘Gate 26’, on 24/04/2025, Expert - Nitin Chakor
- Mrs M S Chiwande and Mr U J Jadhav have arranged session on Construction Practices on site 16/04/2024, Expert - Pratik Shirole
- Dr. R. D. Nalawade and Ms. V. V. Rokade have arranged a session on AI in Geotech, 17/04/2025, Expert Dr. Sachin Jain
- Ms. A. M Shete and Mr. C. R. Yeole has organised Advanced surveying tool- Differential Global Positioning System (DGPS), on 03/02/2025, Expert - Er. Gaurav Walunj.
- Dr. S. S. Bhuinyan has organised Expert Lecture Report on “Bridging Theory and Practice: Industry Demands in Reinforced Concrete Design” on 17<sup>th</sup> April 2025.



**Expert Er. Supriya R. Dhekale, Deputy Manager, Shapoorji Pallonji and Co. Pvt. Ltd delivered the session**



### 3. PAPERS PUBLISHED /PRESENTED IN JOURNAL /CONFERENCES BY FACULTY

- Mrs. S A Chavan published paper on ‘Seismic Effect on Medium Rise Reinforced Concrete Building Considering Vertical Irregularities Under the Effect of Soil-Structure Interaction’. In: Kumar, R., Bakre, S.V., Goel, M.D. (eds) Recent Developments in Structural Engineering, Volume 2. SEC 2023. Lecture Notes in Civil Engineering, vol 543. Springer, Singapore. [https://doi.org/10.1007/978-981-97-6067-1\\_5](https://doi.org/10.1007/978-981-97-6067-1_5).
- Mrs. S A Chavan published paper on ‘Effects of variations in the Design Parameters of Cantilever Retaining Wall’, Industrial Engineering Journal, volume 53, Issue 5.
- Mrs. S A Chavan published paper on ‘Effect of soft storey and infill walls on seismic response in zone IV and V’, International journal of advance scientific research and engineering trends, Volume 7 , Issue 6.
- Dnyaneshwar Vasant Wadkar, Manoj Pandurang Wagh, Rahul Subhash Karale, Prakash Nangare, Dinesh Yashwant Dhande, Ganesh C. Chikute & Pallavi D. Wadkar have published paper on “ Establishment of Relationship Between Coagulant and Chlorine Dose Using Artificial Neural Network” Iranian Journal of Science and Technology, Transactions of Civil Engineering (2024) 48:4687–4695, <https://doi.org/10.1007/s40996-024-01546-y>.
- Vidya Nitin Patil published paper on “ Design Parameters of Material Composites in Functionally Graded Concrete Layers” , International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE), Dec-24, ISSN : 2456-1290.
- Umakant Dinkar Butkar, Deepali Ujalambkar, Rajeshri Rahul Itkarkar and Vidya Nitin Patil have published paper entitled on “AI-Human Co-Evolution: Feedback Loop Design, Organizational Innovation, Ethical Considerations, and Workforce Dynamics”, Nanotechnology Perceptions - Raising Awareness of Nanotechnology, Vol.20, No.5 (2024), <https://doi.org/10.62441/nano-ntp.vi.5224>,
- Deepali M. Ujalambkar, Rajeshri R. Itkarkar , Vidya N. Patil, Swagat M. Karve published paper entitled “ Automated Detection of Lower-Grade Gliomas Using Deep Learning with UNet and EfficientNet-B7Detecting lower-grade gliomas (LGGs) remains a significant challenge in neuro-oncology due to their complex nature and variable clinical behaviors. Accurate identi” , Journal of Information Systems Engineering and Management, 28 Feb 2025, pp 14-20, <https://doi.org/10.52783/jisem.v10i33s.5429>.

- Sonal Amit Chavan & Nilesh U. Mate has published paper entitled “ Performance-based analysis: for vulnerability assessment of vertical irregularities in reinforced concrete structure with soil-structure interaction” , Innovative Infrastructure Solutions, Volume 10, article number 101, (2025), <https://doi.org/10.1007/s41062-025-01890-6>
- Khedekar, S. and Thakare, S. 2024. Predicting Air Pollution Levels in Pune, India using Generative Adversarial Networks. Engineering, Technology & Applied Science Research. 14, 5 (Oct. 2024), 17405–17413. <https://doi.org/10.48084/etasr.8512>.
- Manchalwar, A., Ganpule, S. & Patil, A. Optimal allocation of non-linear viscous dampers for building structures. Asian J Civ Eng 25, 4981–4993 (2024). <https://doi.org/10.1007/s42107-024-01093-x>
- Misal, M.A., Manchalwar, A.A. & Nangare, P.B. Vibration control of structure using inelastic tuned mass damper. Asian J Civ Eng 25, 4759–4770 (2024). <https://doi.org/10.1007/s42107-024-01078-w>.
- Satarkar, P.R., Dixit, P.R. & Londhe, S.N. Damage classification and segmentation in extended shear tab connection using convolutional neural networks and transfer learning. Asian J Civ Eng 26, 221–236 (2025). <https://doi.org/10.1007/s42107-024-01185-8>.
- Vishvas More and Shilpi S Bhuinyan has presented paper titled “Experimental of pre-processed natural fiber reinforced concrete” on Two days international Conference on “Next – Generation infrastructure: Green technologies, smart cities and sustainable energy solutions” IC NGI-GSS-2025 on 9<sup>th</sup> and 10<sup>th</sup> May 2025, Organized by Dept of Civil Engineering, KDK College of Engineering, Nagpur in association with ASCE, IEL, IWWA, ICI, ACCE, ISTE.
- Siddhesh S More, Uttam R Awari and Shilpi S Bhuinyan has presented paper titled “Effect of phase change material and silica fume on compressive strength of concrete” on Two days international Conference on “Next – Generation infrastructure: Green technologies, smart cities and sustainable energy solutions” IC NGI-GSS-2025 on 9<sup>th</sup> and 10<sup>th</sup> May 2025, Organized by Dept of Civil Engineering, KDK College of Engineering, Nagpur in association with ASCE, IEL, IWWA, ICI, ACCE, ISTE.

#### **4. PATENTS, COPYRIGHT, TRADEMARK AND OTHER (IPR)**

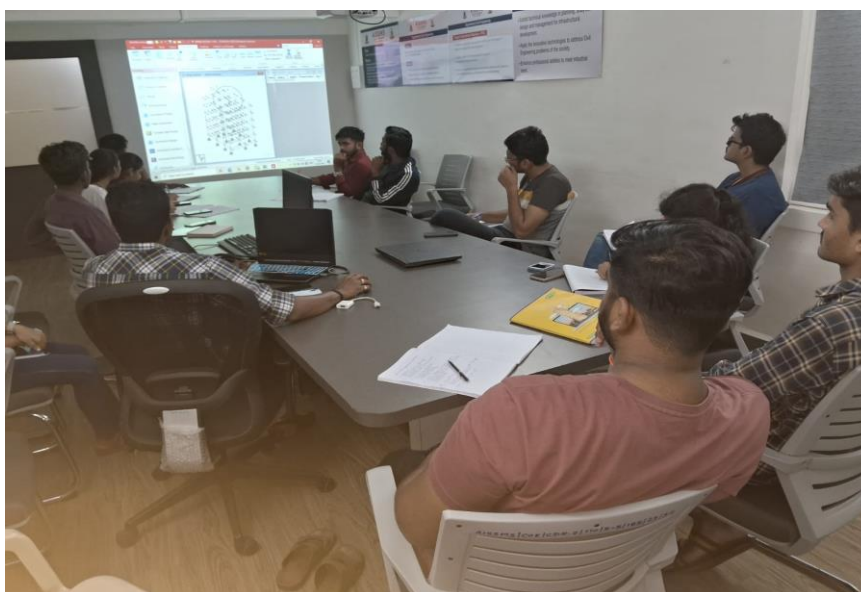
- Dr G C Chikute was granted a patent entitled ‘Interlocking Block’ (414628-001 23 APR 2024)’



- Dr G C Chikute was granted a patent entitled Air Pollutant Removal Chamber (414382-001 22 APR 2024).
- Dr. S. S. Bhuinyan et. al. was granted a patent entitled “AI powered crack propagation monitoring device for concrete structure” (444655-001, Jan 2025)

## 5. VALUE ADDED COURSE

- Department of Civil Engineering, AISSMS COE, Pune in association with Civil Engineering Software Academy (CESA) has arranged value added course of 50 hours on “Software training proposal for industry Preparation of civil Engineering students”, Faculty Coordinators are Mrs. S. A. Chavan and Mr. U. J. Jadhav.



**Civil Engineering Software Academy (CESA) Deliver the training session**

## 6. AWARDS/RECOGNITION

- Dr. U. R . Awari served as Resource Person for One Day Workshop on ‘Implementation of Engineering Mechanics in Context of NEP -2020’ in association with SPPU at AISSMS COE on 23.8.2024.
- Dr. U. R. Awari served as Resource Person for Workshop on Engineering Mechanics organised by College of Engineering and Research, Yeola on 30.08.2024.
- Dr. U. R. Awari invited as Chief Guest for Induction Program of First Year Diploma student of RSCOE Polytechnic on 05.09.2024.
- Dr. S. S. Bhuinyan Reviewed Research Paper for ALL INDIA SEMINAR: "Emerging Trends in Engineering and Technology: Shaping the Future of Innovation".

- Dr. R D Nalawade, Dr. D V Wadkar and P R Modak represented AISSMS in Inter College Cricket match and won the match.



**AISSMS Winner of Inter College Cricket match**

- Dr. U R Awari inaugurated IEI Student Chapter of E&TC at D Y Patil Institute of Technology Pimpri on 01.10.2024.
- Dr. S. S. Bhuinyan has conducted at the National Level on “Steps involved in the preparation of DPR, Initial study” and “Draft DPR with Quantity and Costing, Final DPR, and Approval/Sanction Procedure for MoD and MORTH Works,” organized by the Border Roads Organisation (Ministry of Defence) on 19-01-2025.



**Dr. S. S. Bhuinyan Has Delivered a session to officers of Border Roads Organisation (Ministry of Defence)**

- Dr. K. N. Kulkarni has conducted session at the National level on “ Inception report and quality assurance plan, draft and final feasibility on organized by the Border Roads Organisation (Ministry of Defence) on 21-01-2025.



**Dr. K.N. Kulkarni Delivered a session to officers of Border Roads Organisation  
(Ministry of Defence)**

- Dr. K. N. Kulkarni, Dr. S.P. Khedekar, and Dr. P R Satarkar awarded PhD in Civil Engineering by Savatribai Phule Pune University.
- Dr. S. S. Bhuinyan has been selected as a Member of the Editorial Board of the International Journal of Hydraulics and Wastewater Treatment Technologies.
- Dr. S. S. Bhuinyan has been selected as a Member of the Editorial Board of the Journal of Structural Technology.

## **7. INDUSTRY INSTITUTE MEET**

- Dr S. S. Bhuinyan attended IFAT Expo, Mumbai, on 18.10.2024



**IFAT Expo, Mumbai**

- Dr. S.R. Parekar, Mr. C. S. Misal, Dr. A. A. Manchalwar, Mr. C. R. Yeole and students have visited International Expo Constro 2025 in association with PCERF on 31<sup>st</sup> Jan 2025.





**Visit at International Expo Constro 2025 in association with PCERF**

- Ms. A .M. shete along with students have visited DIPEX 2025- The mahakumbha Technology and Innovation at COEP Technological University Pune on 5/04/2025.



**Visited DIPEX 2025**

- Dr. S.S. Bhuinyan has coordinated With Ultratech Cement Ltd. Technical Head India, Zonal head, regional head, and technical managers on 16/10/2025.



**Visit at CoE lab (Er Sarkar, Er. Arvind Mahajan, Er. Jain, Er. Vishal Kulkarni, Er. Rampant and Er. Bansal**

- Workshop on “UltraTech Building Products” for inhouse Ultratech Engineers organised by UltraTech Cement Limited and Department of Civil Engineering, AISSMS COE, Pune, on May 2025, 10:00 am onwards. Faculty coordinator – Dr. S. S. Bhuinyan.



**UltraTech Training at CoE lab**

- Dr. P B Nangare and Dr. S.S. Bhuinyan coordinated for ATE Huber Industry visit at Centre of Excellence Lab.



**ATE Huber Industry visit at CoE lab**

## **8. INDUSTRY VISITS**

- Educational Visit for SE Civil students organised at College of Military Engineering, Pune on 08.08.24 to 09.08.24. Faculty Co ordinators are Ms. S. P. Khedekar and Mr. C. S. Misal





### **Visit at College of Military Engineering, Pune**

- Site visit for SE Civil students organized at MERI Nashik on 17.10.24. Faculty coordinators are Dr. P. B. Nangare, Mr. U.J. Jadhav, Dr. S. K. Nalawade, Mrs. S. A. Chavan, Mr. C.S. Misal and Ms. S.P. Khedekar



### **Visit at MERI Nashik**

- Educational Visit for BE Civil students organized at Sant Tukaram Sahakari Sakhar Karkhana Ltd. Mulshi on 30.09.2024, Faculty coordinators are Mr. P.R. Modak, Dr. D. V. Wadkar, Dr. G. C. Chikute, Dr. V.S. Chavhan



### **Visit at Sant Tukaram Sahakari Sakhar Karkhana Ltd. Mulshi**

- Dr. S. R. Parekar and Ms. P. R. Satarkar has arranged educational visit for TE Students at B.G. Shirke Construction Technology Ltd. kiwale , 31/07/2024.
- Dr. S. D. Nagrale and Dr. S. R. Parekar has arranged educational visit for TE Students at Nandan Probiz, Balewadi, Pune, on 17/10/2024.
- Dr. S. R. Parekar and Mrs. P. R. Satarkar has arranged educational visit for TE Students at Pune metro station ,11/10/2024.
- Site visit organized for BE Civil students at MBPT, Mumbai on 21.10.2024, arranged by Dr. S. S. Bhuinyan, Dr. V. S. Chavhan, Dr. A. A. Manchalwar, Dr. S. K. Nalawade, Ms. A. M. Shete and Ms. V.V. Rokade



### **BE Civil Visit at MBPT, Mumbai**



- Educational Visit under HWRE for TE Civil students to enhance the knowledge in seismology, meteorological constraints and data collection for forecasting on 19.09.24 & 20.09.2024. Faculty co ordintors are Mr. C. R. Yeole and Dr. S. R. Parekar



**Educational Visit of HWRE**

- Mrs M S Chiwande, Mr U J Jadhav, Dr P R Satarkar, Mrs S A Chavan and Mrs V Rokade has visited at Construction site at Bharat Ratna Atal Bihari Medical College, Pune 15/04/2025.
- Dr. S. S. Bhuinyan and Dr. S. R. Parekar has visited with TE Students for DRCS Subject at Center of Excellence AISSMS COE, Pune, 25/04/2025
- Educational Visit organized for ME (CM) students at Ashwini Apartments Erandwane Pune on 08.01.2025 by Dr. K. N. Kulkarni and Ms. S. P. Khedekar.



**Educational Visit organized for ME (CM) students at Ashwini Apartments Erandwane**

- Educational Visit under DRCS for TE Civil students to enhance the knowledge at Rahul Construction, Opposite to Jupiter hospital, Baner, Pune on 04.04.2025 Faculty coordinators are Dr. S.S. Bhuinyan, Dr. S. Parekar, Dr. P.R. Satarkar, Dr. M.V. Waghmare and Mrs. S.A. Chavan.



**T.E. Educational Visit under DRCS**

- Mr. U. J. Jadhav, Mr. P. R. Modak, Mrs. Amruta Shete and Ms. V. V. Rokade has visited at site for Survey Project at ABMSP's Anantrao college of Engineering Pune , on 13 and 14 /02/2025.
- Dr D V Wadkar, Mr P R Modak and Mr V S Bhakare has visited with TE Students at Naidu Sewage Treatment Plant, Pune, on 03 and 04/04/2025.
- Dr. P.B. Nangare, Dr. S. K. Nalawade, Dr. V. S. Chavhan, Dr. G. C. Chikute, Mr. C. S. Misal, Dr. A. A. Manchalwar has arranged site visit for B E at Dimbhe dam on Ghot river near Ambegaon, Pune on 27/02/2025.



**Site visit for B E at Dimbhe dam**



- Dr. U. R. Awari and Ms. Amruta Shete has arranged site visit for ME (Structural Engg) at ABHUVA innovative Pvt. Ltd. Kagal Dist: Kolhapur on 21/02/2025.



**Site visit for ME (Structural Engg) at ABHUVA innovative Pvt. Ltd.**

- Dr. M. V. Waghmare and Dr. A. A. Manchalwar has arranged site visit for ME (Structural Engg) at vertica, Balewadi on 29/04/2025.



**Site visit for ME (Structural Engg) at vertica, Balewadi**

- Dr. G. C. Chikute, Mr. C.R. Yeole, Mr. V. S. Bhakare has visited at Construction site for QSCT subject at Bharat Ratna Atal Bihari Medical College, Pune, on 15/04/2025



**Site Visit at Bharat Ratna Atal Bihari Medical College, Pune**

- Dr. S.D. Nagrale, Dr. D.V. Wadkar and Dr. S. P. Khedekar has arranged a site visit for TE students for SWM subject at Transfer section, Ghole road, Pune on 07/04/2024.



**Site visit for TE students for SWM subject at Transfer section, Ghole road, Pune**

## 9. MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS

Sr. No.	Faculty Coordinator	Name of Organisation	Date of MoU Signed	Valid upto 00/00/0000
1	Dr P B Nangare	Builders Association of India	2021	Lifetime
2	Dr S R Parekar	Ferrocement	2021	Lifetime
3	Dr. V N Patil	1. Struengineers (India) Pvt. Ltd, Pune 2. Neha Realtors Pvt.Ltd. Pune	18/05/2021 07/11/2022	18/05/2026 07/11/2027
4	Dr. R D Nalawade	Shree Samarth Associates	20/05/2022	19/05/2027
5	Dr. D V Wadkar	1. Avishkar Realty,Pune. Mr. Kavish Takawani 2. Zhala Group	21/07/2021 01/09/2022	21/07/2026 01/09/2027
6	Dr. G C Chikute	1. Dighe Construction, Charoli, Pune 2. S.M. Khatib Construction Parali Maharashtra 3. Kunal Chawada Civil Engineering Consultant	06/10/2022 03/10/2023 01/03/2022	06/10/2027 03/10/2027 28/02/2027
7	Dr. V S Chavhan	Water Field research foundation Thane	25/09/2021	25/09/2027
8	P R Modak	Water Field Technmology Pvt. Ltd.	25/09/2021	25/09/2026
9	Dr. K N Kulkarni	Sudhir Construction	07/11/2022	07/11/2027
10	M S Chiwande	1. Kawlity Architect and Consultancy 2. Vastushree Construction 3. Lotus reality builders and Developers	11/10/2022 31/10/2022 11/12/2022	11/10/2027 31/10/2027 11/12/2027
11	S A Chavan	1. Sustain & save India Pvt. Ltd. 2. Kunal Chawada Civil Engineering Consultant 3. Mageba Pty Ltd., Sydney, Australia	01-11-2020 01/03/2022 01/05/2021	Lifetime 28/02/2027 01/05/2026
12	U J Jadhav	1. Creative Developer Silver Mist Sadashiv peth, Pune 2. Bushra Construction Bhavani peth, Pune 3. Suraj Construction, Dhayari Pune	09/09/2022 09/09/2022 14/09/2021	09/09/2027 09/09/2027 14/09/2026
		1. Green Ecomes Solutions Pvt. Ltd.	14/09/2021	14/09/2026

13	Dr S S Bhuniyan	(GES) 2. Ultratech Cement Ltd. 3. Vastushree Construction 4. CoE with Ultratech Cement Ltd.4 <sup>th</sup> 5. Pune Construction Engineering (PCERF)	28/09/2022 23/05/2022  16/02/2024  07-03-2024	28/09/2027 22/05/2027 15/02/2029 Lifetime
		DESIGN BY T A , 1070, Subhash nagar, Shukarwar Peth	11/10/2022	10/10/2027

## 10. INTERNSHIP

Sr. No.	Name of the Student	Name of the Industry	Classes	Duration	
1	Deshmukh Pruthviraj Vijaysinh	Swojas Group Pvt.Ltd	TE	20-12-2024	18-01-2025
2	Shivam Basavraj Mali	Swojas Group Private Limited	TE	20-12-2024	18-04-2025
3	Randeep Dipak Ingle	Jai Sai Construction	TE	20-12-2024	20-01-2025
4	Jaiswal Parth Santosh	Rudraksha Constructions	TE	20-12-2024	20-01-2025
5	Kamthe Tejas Shantaram	Anuradha Landline And Housing Developers	TE	22-12-2024	23-01-2025
6	Karande Sakshi Ankush	BAI B.G Shirke Construction Pvt Ltd	TE	31-12-2024	31-01-2025
7	Shivraj Raman Khamkar	M/S R.B.Khamkar Builders And Developer's	TE	20-12-2024	20-01-2025
8	Abhijeet Kale	Kushal Deepak Bhangale	TE	20-12-2024	20-01-2025
9	Jidnyasa Vitthal Mahajan	Tirupati Regelia	TE	20-12-2024	20-01-2025
10	Dnyaneshwar Ramchandra Bhange	Er . Saudagar Suryakant Bhange	TE	20-12-2024	20-01-2025
11	Kandekar Manisha Uddhav	Anuradha Landline And Housing Developers	TE	22-12-2024	23-01-2025
12	Dhotre Aryan Balaji	SMU Constructions	TE	23-12-2024	25-01-2025
13	Padul Aditya Bhikhan	Shree Sairaj Associate	TE	21-12-2024	21-01-2025



14	Aditya Shekhar Kate	Dhanashree Associates	TE	20-12-2024	20-01-2025
15	Roshan Dharmendra Chawan	Asterix Enterprises	TE	25-12-2024	24-01-2025
16	Bhujbal Om Mayur	Bramhacorp	TE	28-12-2024	27-01-2025
17	Gadakh Rushikesh Dattatraya	Sai Construction	TE	20-12-2024	19-01-2025
18	Ankalkhope Anjali Shantinath	Shah - Lagoo Properties Llp	TE	20-12-2024	20-01-2025
19	Andhale Bhakti Vijay	Rajendra Construction	TE	21-12-2024	20-01-2025
20	Prathamesh Deepak Gawas	Trimurthy Construction	TE	21-12-2024	21-01-2025
21	Hritavrata Singh	Vikram Developers	TE	20-12-2024	20-01-2025
22	Baraskar Pradnya Pramod	Vishwa Construction Ambejogai	TE	20-12-2024	20-01-2025
23	Nalawade Aditi Kuldeep	Si Consultant	TE	20-12-2024	20-01-2025
24	Jadhav Vaishnavi Dadu	City Tower Ltd And Inamdar Construction	TE	20-12-2024	20-01-2025
25	Kuwar Manthan Chhotu	Rj Constructions	TE	20-12-2024	20-01-2025
26	Mhaske Shubhangi Bhausahab	R.J Construction	TE	23-12-2024	23-01-2025
27	Kakade Pranita Mahendra	Prashant Limaye Engineers And Contractors	TE	20-12-2024	20-01-2025
28	Pardeshi Devendra Chandrabhan	R J Construction	TE	20-12-2024	19-01-2025
29	Kale Atharva Vikram	S.S. Sathe Pvt.Ltd	TE	20-12-2024	20-01-2025
30	Ghyar Tushar Rajesh	Ratnarup Projects Pvt Ltd	TE	25-12-2024	18-01-2025
31	Pushkar Ganpat Bendhari	Saishilp Bulidcon Llp	TE	23-12-2024	22-01-2025
32	Nalage Tanuja Ulhas	Gm Construction	TE	20-12-2024	20-01-2025
33	Chougule Adarsh Sudhir	Er. Sankalp Kolase, Engineers And Contractors.	TE	20-12-2024	20-01-2025
34	Malpani Varun Rajendra	Rainbow Developers	TE	20-12-2024	20-01-2025
35	Atharva Ajay Chaudhari	Nyati Construction	TE	20-12-2024	19-01-2025
36	Gaikwad Rohit Uttam	Astrix Enterprises	TE	25-12-2024	25-01-2025
37	Borhade Raj Gajanan	J.P. Construction Jafrabad	TE	20-12-2024	20-01-2025
38	Siddhesh Vishwas Kautkar	Omkar Kautkar Construction	TE	20-12-2024	20-01-2025

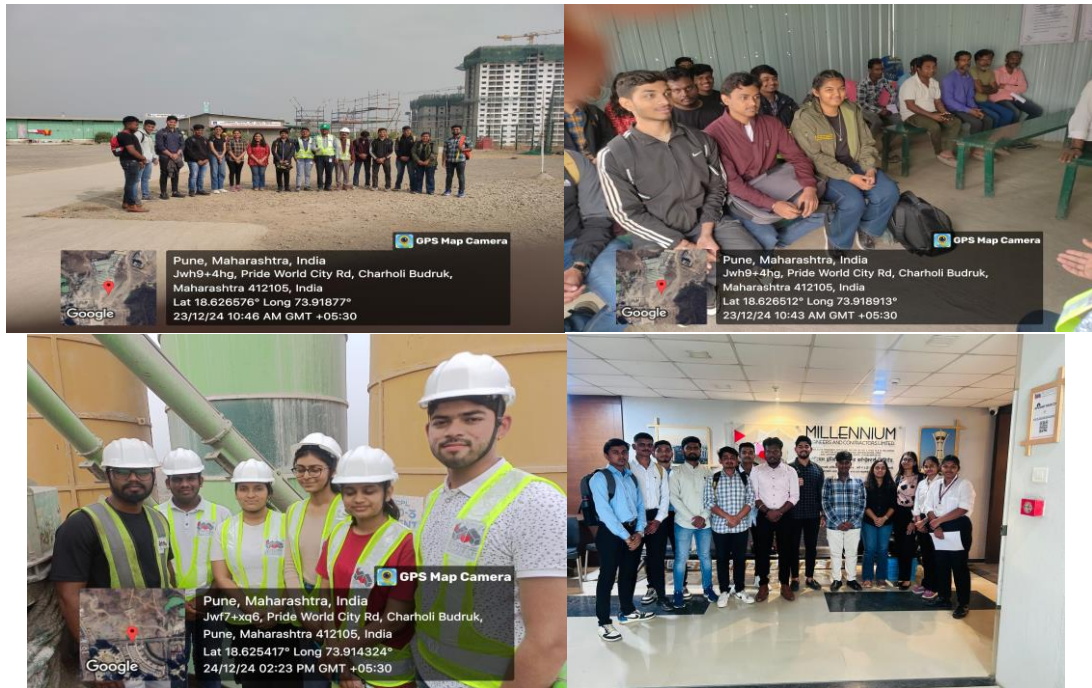


39	Sukalp Rupesh Gosavi	Tnt Infra	TE	23-12-2024	19-01-2025
40	Deshmukh Dnyandeo Riya	Maya Builders And Developers	TE	22-12-2024	20-01-2025
41	Samruddhi Kalal	Surbhi Construction	TE	24-12-2024	25-04-2025
42	Atharva Rahul Dangat	T&T Infra Pvt Ltd	TE	23-12-2024	19-01-2025
43	Adinath Baburao Gaudse	Millennium Pvt Limited (Pride World City)	TE	21-12-2024	20-01-2025
44	Choudhari Aditya Anil	Motilal Dhoot Infrastructure Pvt.Ltd	TE	19-12-2024	19-01-2025
45	Mangade Shreyash Eknath	All Grace Developers	TE	20-12-2024	20-01-2025
46	Ahire Riya Deepak	B.G Shirke Construction Technology Pvt. Ltd.	TE	01-01-2025	01-02-2025
47	Bhagepalle Rutuja Ravindra	Tirupati Group	TE	20-12-2024	20-01-2025
48	Aditi Navin Shinde	Surabhi Construction	TE	21-12-2024	21-01-2025
49	Gurav Prem Dwarkanath	Creative Constructions	TE	25/12/2024	25/01/2025
50	Vedanti	Millennium Engineers And Contractors Pvt Lmt	TE	23-12-2024	23-01-2025
51	Sairaj Ravindra Yadav	B.G. Shirke Pvt Ltd (Bai)	TE	01-01-2025	31-01-2025
52	Thawri Pranjali Vinod	Millenium	TE	23-12-2024	23-01-2025
53	Shaikh Rayyan Akil	Aurum Buisness Hub	TE	24-12-2024	24-01-2025
54	Patil Ganesh Ravindra	Rachana Construction Pvt. Ltd. Pune	TE	20-12-2024	20-01-2025
55	Rushikesh Sanjay Pardeshi	Rachana Constructions Pvt. Ltd	TE	20-12-2024	20-01-2025
56	Tayade Suraj Ashok	Ecostonc Constructions	TE	26-12-2024	25-01-2025
57	Pawar Rajwardhan Jagdish	D.P.Jain Co. & Infrastructure Pvt. Ltd.	TE	28-12-2024	30-01-2024
58	Murkute Apurva Ajay	Millennium Engineers And Contractors	TE	23-12-2024	23-01-2025
59	Thakare Arjun Ajay	Build India	TE	20-12-2024	20-01-2025

60	Surnar Vaishnavi Sanjay	Janmangal Developers And Builders	TE	24-12-2024	24-01-2025
61	Shinde Abhishek Tanaji	B G Shirke Construction Pvt Ltd Pune	TE	31-12-2024	31-01-2025
62	Pingle Roma Pradeep	Bramha Corp Pune	TE	28-12-2024	27-01-2025
63	Sayyed Ahalam Ashfaq	Mehta Jaising Builders Llp Site:Avighna Nishika Elysium Worli Mumbai	TE	20-12-2024	20-01-2025
64	Waghmare Yogesh Vijay	B.G.Shirke Construction Privated Limited	TE	31-12-2024	31-01-2025
65	Pawar Sanika Kisan	Shivsrushti Buildcon	TE	21-12-2024	21-01-2025
66	Terdal Pranav Krishna	Millenium Engineers And Contractors Limited	TE	23-12-2024	23-01-2025
67	Tatu Karansing Bhavsing	Rainbow Developers And Promoters Llp	TE	20-12-2024	19-01-2025
68	Somani Krishna Shrikant	SMU Constructions	TE	23-12-2024	25-04-2025
69	Raje Sanket Suresh	Monarch Surveyors & Engineering Consultants Limited	TE	20-12-2024	20-01-2025
70	Navgire Janhavi Rahul	Millenium Engineers And Contractors Pvt Lim	TE	20-12-2024	20-01-2025
71	Siddhesh Shrikant Sonaje	Elite Construction	TE	25-12-2024	25-01-2025
72	Wadatkhar Maitreyee Vidyadhar	The 4th Dimension	TE	21-12-2024	21-01-2025
73	Parab Ayush Rajesh	Belmont Realty	TE	20-12-2024	20-01-2025
74	Shivraj Prataprao Patil	Landmark Associates	TE	23-12-2024	18-01-2025
75	Tejas Kailas Khanapure	Jay Shriram Enterprises	TE	20-12-2024	20-01-2025
76	Dhruv Dhanish Sabade	Structural Firm	TE	20-12-2024	18-01-2025
77	Upadhye Soham Pravin	Rainbow Developers And Promoters Llp	TE	20-12-2024	19-01-2025

78	Prathamesh Sunil Raut	R B Infrastructure Pvt Lim.	TE	26-12-2024	30-01-2025
79	Mundhe Vivek Ashok	Geetai Engineers And Planners	TE	20-12-2024	20-01-2025
80	Patharkar Yash Sunil	Rainbow Developers And Promoters Llp	TE	20-12-2024	19-04-2025
81	Sude Prajyot Dnyandev	Millennium Engineer's And Contractors	TE	20-12-2024	20-01-2025
82	Utekar Om Shivdas	Aditya Developer	TE	20-12-2024	20-01-2025
83	Aryan Yogesh Tupe	Pride World City	TE	23-12-2024	23-01-2025
84	Sujal Uttam Phulaware	Marimagnum Construction	TE	25-12-2024	25-01-2025
85	Vibhute Sakshi Satish	Shivshrushti Buildcon	TE	21-12-2024	21-01-2025
86	Rajput Aishwarya Pandurang	Cr Architects And Contractors Pvt Ltd	TE	21-12-2024	21-01-2025
87	Shaikh Soyal Sayyad	B. G. Shirke Pvt Ltd. (Bai)	TE	31-12-2024	31-01-2025
88	Surnar Sudarshan Bajirao	B.G.Shirke Construction Pvt Ltd	TE	31-12-2024	31-01-2025
89	Suryawanshi Vishwajeet Sanjay	Pride World City	TE	23-12-2024	21-01-2025
90	Shivraj Dipak Nikam	Kiran Enterprises	TE	22-12-2024	22-01-2025
91	Pawar Akshata Yallappa	Trinity Facades Pvt.Ltd.	TE	01/01/2025	01/02/2025
92	Phalke Srushti Panchshil	Trinity Facades Pvt.Ltd	TE	01/01/2025	01/02/2025
93	Patole Nilesh Ram	Mahananda Construction	TE	01/01/2025	01/02/2025

Sr. No.	Name of the Student	Name of the Industry	Class	Training duration		
				Start date	Last date	Duration (days)
1	Adinath Gaudse	Shapporji Pallonji & Co. Pvt Ltd	TE	21/06/2024	20/07//2024	30
2	Soham Upadhye		TE	21/06/2024	20/07//2024	30
3	Apurva Murkute		TE	21/06/2024	20/07//2024	30
4	Karan Tatu		TE	21/06/2024	20/07//2024	30
5	Sanket Raje		TE	21/06/2024	20/07//2024	30



**Students undergone in-plant training and (or) internship programme**

- Dr. P.R. Satarkar, Dr. M.V. Waghmare and Dr. M.S. Chiwande have visited J Kumar Infraproject RMC plant, Wagholi with BE project Students.



**Visit at J Kumar Infraproject RMC Plant**

- Dr. S. S. Bhuinyan, Dr. K. N. Kulkarni and Dr. S. P. Khedekar has a Organizing member of Industry Conclave 2k25 on 31<sup>st</sup> Jan 2025.



**Group Photo of Industry Conclave 2k25**



## 11.STUDENTS' ACHIEVEMENT:

- Vishwas More research project under the guidance of Dr. S. S. Bhuinyan entitled “Influence of Pre-Processing treatment for enhanced compatibility and performance of Natural Fibers in concrete” in Engineering and Technology category at the 17th Maharashtra State Inter- University research convention Avishkar 2024-25 held at Dr. Babasaheb Ambedkar Technological University, Lonere during 12- 15 Jan 2025.



### Prize distribution Ceremony of Maharashtra State Inter- University research convention Avishkar 2024-25

- Chinmay Kumbhar, Atharva Virkar, Dheeraj Loharm, Pratik Ippar, Shravani Tambe, and Poorva Shinde (Team HimaShield) have secured a spot in the Smart India Hackathon (SIH 2024) Grand Finale, under the guidance of Dr.(Mrs.) V N Patil at Delhi on 11–12 December 2024.
- Pranjali Thawri, Sajjan Bodele, Vedanti Thorve, Adwait Rao, Jayaanmol Shah, Harshwardhan Thube (Team Astra Codifiers) has made it to the Smart India Hackathon India (SIH 2024) Grand Finale, under the guidance of Dr.(Mrs.) V N Patil at the Bengaluru on 11-12 December 2024.



### Smart India Hackathon India (SIH 2024) Grand Finale

- Manav Pawar, Atharva Nigade, Chahul Pareliwar and Ankita Shinde got selected for KREATE competition under sustainability at state level, organised by Kalika steel pvt. Ltd. at Jalna, under the Guidance of Dr. S. S. Bhuinyan.



**State level Fianle, organised by Kalika steel pvt. Ltd. at Jalna**

- Apurva Murkute from TE Civil secured Runner-up position in Table Tennis at Flame Kurukshetra 2025



**Flame Kurukshetra 2025**

- Shivam Deokate has participated Shooting at SPPU level and National level



**Shivam Deokate has participated Shooting at SPPU level and National level**

- Om Uttekar secured second position in karate at Okinawa Martial Arts Academy



**Om Uttekar secured second position in karate at Okinawa Martial Arts Academy**

- Vedant Hakke secured first position for Best physique in SPPU .



**Vedant Hakke secured first position for Best physique in SPPU .**



- Apurva Murkute has secured first position Table Tennis at Zest 2025 organised by COEP.



**Winner for Table Tennis at Zest 2025**

- Maitreyee WADATKAR got selected for inter district youth exchange programme from 10<sup>th</sup> Feb to 14<sup>th</sup> Feb 2025 under Nehru yuva kendra - Mera yuva Bharat , at Wardha.



**Inter district youth exchange programme**

- Nitin Chakor and Suyash Desale project under the guidance of Dr. S. S. Bhuinyan entitled “Long welded rail thermal expansion” was approved by Central railway.
- Sneha Divekar received appreciation for best Project under the guidance of Dr. S.S. Bhuinyan from PCERF - B. G. Shirke Vidyarthi Awards 2025 on 30/01/2025.
- Sakshi karande and Yogesh Waghmare have received best performance during internship under builder association of India.



**Best Performance award by Builder association of India**

- Himanshu Soni, Aryan Tilekar and Prachi Tonde have granted patent on “Smart irrigation system for product AUTOIrrisAI”
- Mayuresh Jachak have participated in Zonal round of Avishkar 2024-25, Organized by SPPU, Pune.
- Apura Murkute have secured Second position in Handball at ZEST 2025, Organised by COEP.

**12. COMPETITIVE EXAMINATION:** Our students have performed consistently well and achieved top ranking in the competitive examinations the GATE, GRE and others.

### **13.PARENTS’ MEET:**

- Dr. K N Kulkarni, Dr. S. S. Bhuinyan and Dr. S P Khedekar had coordinated Parents meet for the Civil Engineering department was scheduled on 26<sup>th</sup> July 2025.



**Garlanding of statue by Parent, on occasion of Parent meet**

## 14.ALUMNI MEET

- Dr. S P Khedekar, Dr. S. S. Bhuinyan and Dr. K N Kulkarni has coordinated Parents meet for the Civil Engineering department was scheduled on 26<sup>th</sup> July 2025.



**Group Photo of Alumni Meet**

## 15.B.E. FAREWELL

- Dr. S. S. Bhuinyan and Mr. C.R. Yeole has coordinated BE Farewell for the batch 2025 on 30<sup>th</sup> April 20225.



**Addressing by Dr. K. N. Kulkarni on B.E. Farewell**



## 16. STUDENTS' ACTIVITIES UNDER PROFESSIONAL ORGANIZATION

- Students have participated in Two days National Level Event “RAIL-GEOFEST 2025” in the event on 27 and 28 March 2025 under chapters Indian Geotechnical Society and Bureau of Indian Standards, Pune.



Winners of Rail Geofest Event

## 17. INDUCTION INAUGURAL FUNCTION: Induction Program for Civil Engineering students organized during 22.07.24 to 24.07.24



Induction Program for Civil Engineering students

## 18.DEPARTMENT ACTIVITIES

- One Day Workshop on 'Implementation of Engineering Mechanics in Context of NEP -2020' organised by Department of Civil engineering in association with SPPU at AISSMS COE Pune on 23.08.2024. Coordinators are Dr. U. R. Awari and Dr. S. S. Bhuinyan.



### Glimpses of 'Implementation of Engineering Mechanics in Context of NEP -2020'

- One-Day Workshop on Analysis & Design of Elevated Water Tanks (With Focus on Seismic Resilience & Modern Design Practices), organised by Department of Civil Engineering In Association with Institution of Engineers (India) - Pune Local Centre Indian Society of Earthquake Technology, Pune Chapter, on 11th April 2025.cordinators are Dr. M. V. Waghmare and Dr. S. R. Parekar.



Glimpses of Workshop on Analysis & Design of Elevated Water Tanks

- Two days National Level Event “RAIL-GEOFEST 2025” in the event on 27 and 28 March 2025 organized by Department of Civil Engineering, AISSMS COE in association with Indian Geotechnical Society and Bureau of Indian Standards, Pune. Coordinators are Dr. R. D. Nalawade and Mr. P. R. Modak.



**Glimpses of National Level Event “RAIL-GEOFEST 2025”**

- Civil Engineering Department completed the measurement survey of beneficiaries’ houses of Kalyan Village for Pradhan Mantri Aawas Yojana under Unnat Bharat Abhiyan initiated by NSS and department of Civil Engineering of AISSMS College of Engineering with Dr. P B Nangare, Dr. V. S. Chavhan, Mr. P R Modak and Mr. C.R. Yeole.



**Glimpses of Kalyan Village for Pradhan Mantri Aawas Yojana under Unnat Bharat Abhiyan**

- Civil Engineering department has completed Tulapur Survey. Coordinators are Dr. P.B. Nangare, Mr. P.R. Modak, Mr. U.J. Jadhav along with civil engineering students





**Glimpses of Tulapur Survey**

- National Level symposium “Civispark and ET 2024” has organized successfully on 26<sup>th</sup> and 27<sup>th</sup> Sept 2024.



**Glimpses of Civispark and ET 2024**

- Soft Skill Conducted to SE- TE Students.



**Glimpses of Soft skill training Program**



- Department of Civil Engineering appreciated all top Three toppers along with their parents from S.E. to B.E. for the AY 2023-24., on 26 th April 2025



**Distribution of Certificate and Medals to Class Toppers**