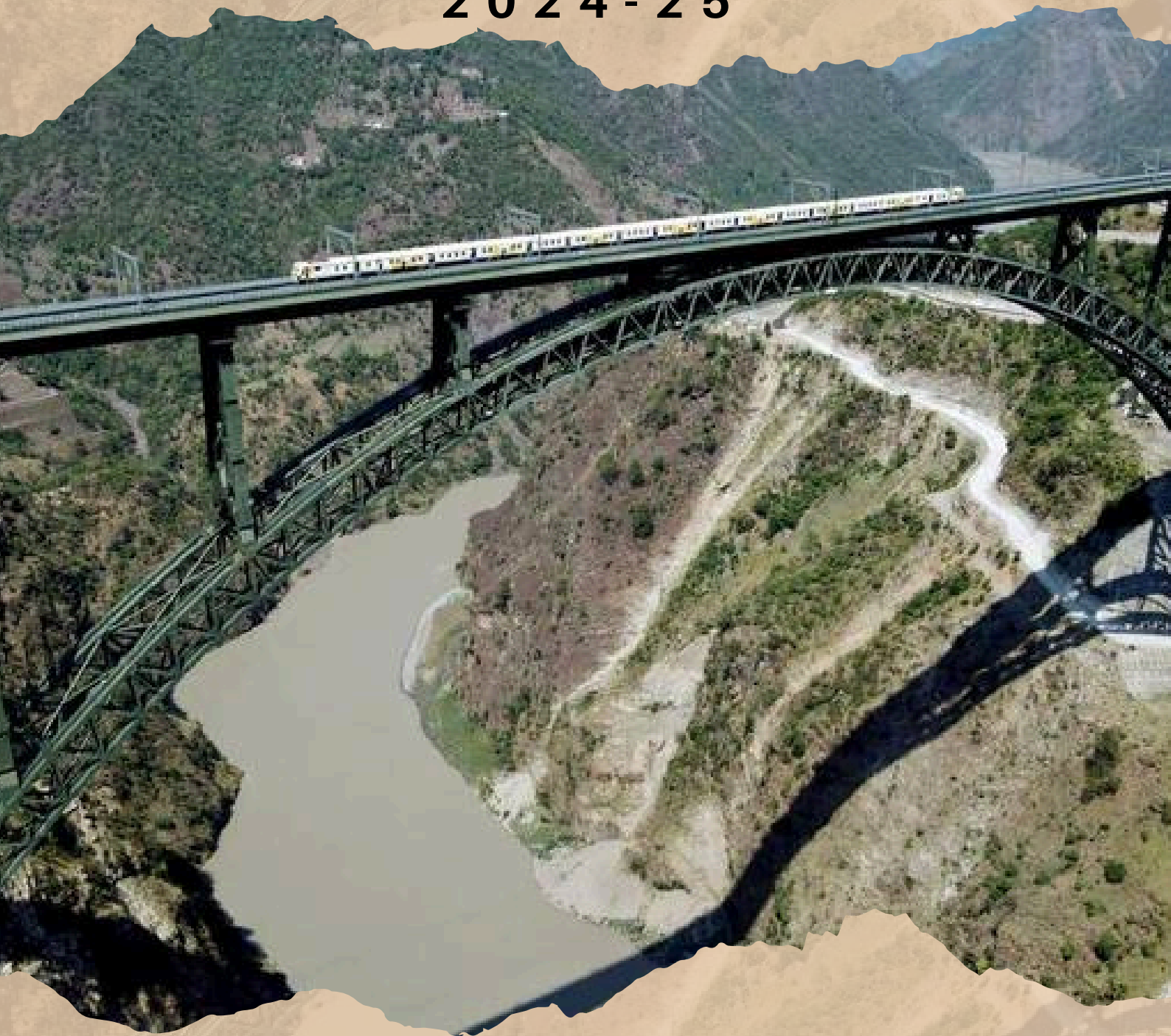


# CEA'S MAGAZINE

2024 - 25



# NIRMITI 2025

STANDING ON TOP OF THE WORLD AND  
TAKING IN THE AWE-INSPIRING PANORAMIC





*"The way to build a nation is to build a good citizen. The majority of the citizens should be efficient, of good character and possess a reasonable high sense of duty."*

*~Sir Mokshagundam Visvesvaraya*



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# FOREWORD

Dear Readers,

It gives us immense pleasure to present before you the annual edition of the Civil Engineering Association Magazine. This magazine is a humble reflection of the collective spirit, creativity, and dedication demonstrated by the student body throughout the academic year.

As civil engineers, we believe in building not just structures, but strong foundations of leadership, innovation, and community engagement. This magazine encapsulates the wide spectrum of events, initiatives, and achievements undertaken by the student committee — from technical workshops and seminars to cultural gatherings, outreach programs, and intercollegiate collaborations. Each activity represents a step towards shaping competent, socially responsible engineers of tomorrow.

Through these pages, we aim to showcase the vibrant life of our department beyond the classroom — a glimpse into the passion, hard work, and teamwork that fuels our growth. The stories, reflections, and visuals included here stand as testimony to the unwavering efforts of the student committee and the support of our faculty.

We extend our heartfelt thanks to all the contributors, coordinators, and supporters who made this journey possible. We hope this magazine not only informs but also inspires fellow students to take initiative and continue strengthening the legacy of our department.

We thank Dr M M Murudi our Principal and Dr Hansa Jeswani our HOD CED for all necessary support, for leading our association and Prof. Snehjit Kumbhar, our Faculty Coordinator, whose guidance molded our events and raised our standards. As you turn the pages of this magazine, we hope you share in our pride and excitement for the achievements of the past year. We look forward to continuing this journey of growth and excellence, . Thank you for joining us in this incredible journey.

– Magazine committee  
Civil Engineering Association (2024-25)

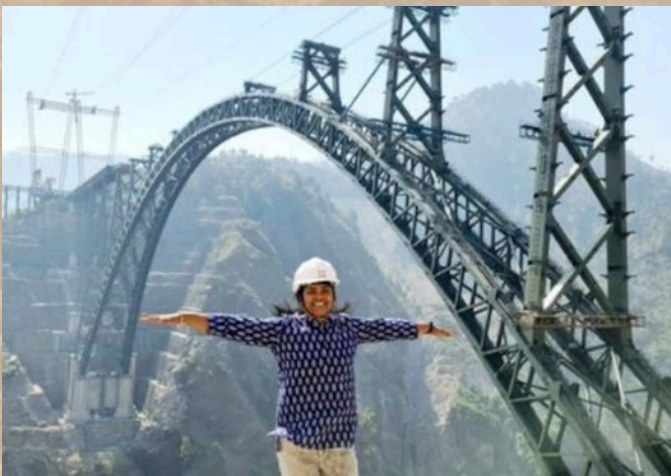


# MONUMENT OF MAGAZINE (CHENAB BRIDGE)

Soaring above the mighty Chenab River, amidst the rugged beauty of Jammu and Kashmir, stands the Chenab Bridge — the world's highest railway arch bridge and a true marvel of modern engineering. This year, we proudly dedicate our magazine to this monumental achievement —

a symbol of what civil engineers can imagine, design, and bring to life. The Chenab Bridge isn't just a structure of steel and concrete; it's a testament to vision, resilience, and the relentless pursuit of the extraordinary. As students of civil engineering, it ignites in us the same spirit.

*"G Madhavi Latha, the geotechnical genius behind India's Chenab Bridge. Dr. G Madhavi Latha, an IISc professor, played a crucial role in the Chenab Railway Bridge project,"*



*"To build beyond limits, to face challenges head-on, and to contribute meaningfully to the infrastructure of tomorrow."*

The total length of the bridge is 1315 m. The free span length of the bridge is 467 m measured from the surface of the river below, the height of the bridge deck is 350 m. Thus, the Chenab Bridge is the tallest and longest-spanning railway bridge of its type in the world. Because it is located in an extremely demanding mountainous area with

modest roads and infrastructure, the construction of the bridge has been extremely challenging. This engineering marvel not only showcases India's technological strength but also highlights how the Chenab railway bridge connects Kashmir to Kanyakumari by rail at an estimated Chenab railway bridge cost of over ₹1,400 crore.



# ABOUT THE CIVIL ENGG. DEPT

- The Civil engineering department has been in existence since the establishment of this institute. The department has an excellent infrastructure and is AICTE approved and accredited by the national board of accreditation. It is traditionally broken into several sub-sections including Environmental Engineering, Geo technical Engineering, Structural Engineering, Transportation Engineering, Water Resources Engineering, Materials Engineering, Hydraulics and Fluid Mechanics, Surveying, and Construction Engineering.
- Apart from the undergraduate course, postgraduate courses offered in construction management and structural engineering. The department is approved by university of Mumbai for the Ph. D. program with an intake capacity of 45. About 30 number of student are pursuing Doctoral program.
- In addition, the department is selected as a QIP Center by the AICTE. Under this scheme department can register two full time research scholar per year and AICTE will provide full financial assistant-ship for three years. Also, department is actively involved in conduction of number of short term courses in the area of Civil Engineering.

## VISION

- To be a pioneering Civil Engineering Department with Regional, National and Global perspective.

## MISSION

- To impart knowledge in Civil Engineering and allied fields to fulfill the present and future societal and industrial needs.
- To produce technically competent and socially responsible Civil Engineering professionals.



# ABOUT CEA



## **Bharatiya Vidya Bhavan's Sardar Patel College of Engineering**



### **CIVIL ENGINEERING ASSOCIATION**

Civil Engineering Association is a committee consisting Third year students supported by coordinator team from second year student and faculty member of Civil Engineering Department. We work with a vision for the Welfare of the students the committee works hard to fulfill the co-curricular requirements of the students throughout their academic with the help of CEA committee advisor prof. S J Kumbhar and under the guidance of Dr Hansa Jeswani Head of Department. It involves organizing various activities which announced the knowledge of student it also helps in improving the technical communication management and soft skills apart from the curriculum and Academics of the college.

#### **VISION**

To build a strong civil engineering student community that enhances technical knowledge, professional skills, and holistic development.

#### **MISSION**

- Organize technical events, workshops, and site visits to strengthen practical learning.
- Foster teamwork, leadership, and overall student development.
- Build strong industry–institute connections through internships and expert lectures



# MEET OUR ENCOURAGING FACULTIES



*From Top Left to Right: Dr. Shweta Patil, Dr.Reshma Raskar, Dr.K.A.Nadgouda, Prof. Prasad Gharat, Prof. Ankit M. Asher, Prof.S.J.Kumbhar, Dr.Tanuja Bandivadekar, Dr.Hansa Jeswani, Dr.M.M.Murudi, Dr.A.A.Bage. Dr.P.P.Nagrle, Dr.A.R.Kambekar, Dr.P.G.Gaikwad, Dr.A.N.Ghadge, Prof.Dipika Dalvi.*



# FACULTY MEMBERS ACHIEVEMENTS

- Dr.Murudi's student Neelam Petkar was awarded PhD degree in 2024-b25. He is working in several AICTE, DTE, State Govt. and University committees.
- Dr.Nagrale is working as part of several committees of AICTE,DTE and State Govt. Dr Nagrale Project batch students reached top 70 out of 270 projects in Aavishkar
- Dr.Bage is working as member of several committees of state govt. AICTE and DTE
- One of the students Ms.Shweta Patil of Dr.Ajay Kambekar were awarded PhD degree in 2024-25 and he examined five PhD Thesis of Marathwada, Shivaji and Pune University, Solapur University and DBATU. He gave lectures at various FDPs. He is member of several committees
- Dr.Hansa Jeswani's BTech project batch reached to top 10 of Mumbai University out of 270 projects in Aavishkar and she examined PhD thesis in Dept of Civil Engineering, Maharaja Sayajirao University. She gave lectures at 4 FDPs
- Dr.P.G.Gaikwad's batch secured People's choice award in Aakar, IIT Bombay
- Dr.Reshma Raskar Phule's Project batch students reached top 70 out of 270 projects in Aavishkar. She has given training at SSVPS Dhule as part of MoU with them. Students from Saboo Siddik interned under her as part of MoU. Also she has delivered several lectures in FDPs. Her BTech student presented a paper in IIT Jammu conference.

- Dr Kshitija published paper with her students in Springer Nature.
- The work order for 2 major consultancy projects of MPSC and MBMC were given to CED Department.

## Papers/Book Chapters Published by Faculty Members in Scopus index journals/Conferences or Books

Sr.No.	Name of faculty	No. of Papers and Book Chapters published
1	Dr. Mohan Murudi	2
2	Dr Abhinandan Bage	1
3	Dr. Ajay Kambekar	3
4	Dr. Pravinchandra Gaikwad	3
5	Dr. Hansa Jeswani	2
6	Dr. Reshma Raskar	2+1 book chapter
7	Dr. Kshitija Nadgouda	2
8	Prof. Shweta Patil	1
9	Prof. Ankit Asher	1
	Total	19



### Invited Lectures delivered by faculty in other campuses/colleges/industry.

Dr.Kambekar delivered 3 invited lectures in various places in Maharashtra related to topics as varied as NEP to genetic algorithm. Dr.Jeswani delivered 4 invited lectures 1 at Maharaja Sayajirao University related to importance of Environmental Engineering and Job scope of environmental engineering and 3 in various colleges in Mumbai related to Green Club activities. Dr. Raskar-Phule also delivered 3 invited lectures in Maharashtra and conducted training related to GIS in Maharashtra and Gujarat. Dr.Nadgouda delivered lecture on Geotechnical Engineering in Maharashtra.

### Journal Reveiwrs

Dr.Ajay Kambekar (21 journals), Dr.Hansa Jeswani (02 journals), Dr.Reshma Raskar Phule (02 journals), Dr.A.N.Ghadge(02 journals) and Dr.Kshitija Nadgouda (01 journal) are reviewers of scopus indexed journals.

### Special Committee Member

Dr.Ajay Kambekar is a BOS member of Mumbai University, SVKMs MPSTME, SBM Polytechnic, DBATU state

technical University. He is also an academic Audit Committee Member and Research Committee at DBATU and Amity University (Panvel).

Dr.Kambekar, Dr.Jeswani and Dr Raskar Phule have organised competitions in SPCE under the aegis of UMA/UBA, Green Club and Sustainability and Green Initiative respectively.

### Testing and Consultancy.

Most of the teaching faculty such as Dr.Murudi, Dr. Nagrale, Dr.Bage, Dr.Kambekar, Dr. Gaikwad, Dr.Jeswani, Dr.Raskar-Phule, Dr.Ghadge, Dr.Nadgouda, Prof. Snehjit, Prof. Deshpande and Prof. Asher are involved in testing and consultancy. The special consultancy taken up last year was related to MCGM, MBMC, NABARD, PWD and total revenue generated in past year is 1.8 Cr INR.

### FDP/NPTEL courses completed

Dr Jeswani, Dr Raskar-Phule and Dr Nadgouda 5 Faculty development programmes such as ATAL and NPTEL courses with total courses completed as 5 for the year.



# STUDENTS OF CIVIL ENGINEERING DEPT



***First Year Civil Students:- Batch-28***



***Second Year Civil Students:- Batch-27***





***Third Year Civil Students:- Batch-26***



***Final Year Civil Students:- Batch-25***





***M.Tech Structures Students***



***M.Tech Construction Management Students***



# TECHNICAL EVENTS ORGANIZED

## CALCULATOR WORKSHOP

As part of our ongoing efforts to support academic excellence and bridge the gap between classroom concepts and practical application, we, the student committee, proudly organized a Calculator Workshop for the first-year students on 28th January 2025.

The event witnessed an enthusiastic turnout of 52 participants, all eager to enhance their understanding of scientific calculator functions — an essential tool in any engineering student's journey. The session was designed to be interactive, practical, and student-friendly, ensuring maximum engagement and learning.



*"We believe that "investing in knowledge pays the best interest," and this workshop was a small yet impactful step in that direction."*

### Highlights:

- Demonstrated the use of advanced calculator functions
- Strengthened students' problem-solving capabilities
- Increased confidence in tackling numerical problems
- Promoted accuracy, efficiency, and academic confidence

This successful session was a result of the collective efforts of our dedicated committee members, whose planning and execution ensured a smooth and enriching experience for all attendees.



# TECHNICAL EVENTS ORGANIZED

## AUTOCAD WORKSHOP

On 28th January 2025, the Civil Engineering Association (CEA) of SPCE proudly hosted an AutoCAD Workshop exclusively for first-year students, in collaboration with Milestone Institute of Technology. This initiative was aimed at providing early technical exposure and building a strong foundation in design skills—a crucial step in every civil engineer's journey. With an enthusiastic turnout of over 60 budding civil engineers, the workshop served as a valuable platform for students to gain early exposure to industry-relevant design tools and applications. Kudos to all participants and heartfelt thanks to our collaborators and volunteers who made this workshop a success.



**The session featured:**

- *Hands-on learning of AutoCAD fundamentals*
- *Real-time applications aligned with academic curriculum*
- *Expert instruction from Milestone's professional faculty*
- *Peer assistance from senior CEA members (SY & TY students)*

This workshop was more than just a technical session—it was a stepping stone toward shaping competent and confident future engineers. As the Civil Engineering Association, we remain committed to nurturing practical skills and promoting a culture of collaborative learning. With many more such initiatives to come, this was just the beginning of an inspiring journey into the world of design and innovation.



## FOREIGN EDUCATION & CAREER GUIDANCE SEMINAR

As part of our ongoing commitment to empowering students with knowledge that extends beyond the classroom, the Civil Engineering Association (CEA) of SPCE proudly organized a Foreign Education and Career Guidance Seminar on 25th February 2025, in collaboration with Fragomen Educational Services. This initiative was aimed at introducing our students—especially those aspiring to explore international avenues—to the vast world of opportunities that lie ahead. With over 60+ participants, the session witnessed enthusiastic engagement and curiosity from students across all years. We, at CEA, believe that exposure to global perspectives is crucial in shaping well-rounded engineers. This seminar wasn't just about sharing information—it was about planting seeds of ambition and confidence in our peers. We extend our sincere gratitude to Fragomen Educational Services for their expert guidance, and to every student who actively participated, asked questions, and embraced this opportunity with open minds.



Key highlights of the seminar included:

- Valuable insights into foreign education systems and career prospects abroad
- Step-by-step guidance on the process of pursuing higher education internationally
- Practical advice on visa procedures, university applications, and global career planning.

With initiatives like these, the CEA continues its journey of guiding students—not just in academics, but in envisioning and preparing for a global future.



## GUEST LECTURE ON RMC PLANT

In our continued effort to bridge the gap between classroom concepts and real-world application, the Civil Engineering Association (CEA) of SPCE successfully organized a guest lecture followed by a site visit to Skyway RMC — Mumbai's largest ready-mix concrete manufacturer. We had the privilege of hosting Mr. Uttam Bhandare, Senior President – Technical at Skyway RMC, who delivered an insightful session covering:

- RMC plant operations
- Quality control protocols
- Modern concrete production techniques

The session was followed by a visit to the Skyway RMC facility in Kurla, where 50 civil engineering students got first-hand exposure to the operational workflow, equipment, and technological practices used in the production of ready-mix concrete.

The visit offered hands-on exposure to modern concrete technology, quality control practices, and the operational efficiency that powers Mumbai's largest RMC manufacturer.



We extend our sincere gratitude to Prof. Abhinandan Bage Sir and Prof. Ankit Asher Sir for their constant guidance and seamless coordination that made this initiative a success. The visit provided a valuable understanding of not just how concrete is produced, but how quality, efficiency, and sustainability are balanced in the process.

This event marked another step forward in our mission to offer practical, industry-aligned learning opportunities to the student community — nurturing the engineers of tomorrow with real-world knowledge today.



# TECHNICAL EVENTS ORGANIZED

## GUEST LECTURE ON CHENAB BRIDGE

It was an absolute honor for the Civil Engineering Association (CEA) at SPCE to host Mr. Shashank Rajbhoj, General Manager at Afcons Infrastructure Ltd., and the visionary mind behind the \*world's highest railway bridge – the iconic Chenab Bridge on 21st March 2025.

With 130+ students in attendance, the session was nothing short of extraordinary — offering a deep dive into the engineering challenges, innovations, and determination that went into crafting this modern marvel.



A heartfelt thank you to Mr. Shashank Rajbhoj for generously sharing his time, experience, and passion — and for motivating the next generation of engineers to dream bigger and build bolder!

This guest lecture not only enriched our technical understanding but also reaffirmed the limitless potential of civil engineering when driven by innovation and courage. As we celebrate the Chenab Bridge as this year's Monument of the Magazine, this session stands as a cornerstone experience — for all of us throughout.



From battling harsh terrain to overcoming design and construction complexities, Mr. Rajbhoj walked us through the real-world brilliance that textbooks only begin to describe. His journey and insights left us not just informed, but truly inspired.



# TECHNICAL EVENTS ORGANIZED

## TECHNICAL REPORT WRITING COMPETITION

The Civil Engineering Association (CEA) at SPCE proudly hosted a Technical Report Competition, a platform that challenges students to merge historical exploration with technical articulation. This year's theme—"Forts of Maharashtra"—was designed to promote research, analytical thinking, and presentation skills among budding civil engineers. Participants were invited to select any fort from Maharashtra and craft a comprehensive technical report, adhering to specific criteria provided by the organizing committee.



The competition saw enthusiastic participation from students across all academic years, and it was judged by Prof. Bage Sir, Prof. Ankit Sir. Their valuable insights and detailed evaluations added immense value to the event, ensuring that each report was judged fairly and constructively.

To make the event even more exciting, the winner was awarded a 50% discount on the upcoming Konkan Trip. Shantanu Bhosale emerged as the winner of the competition for his exceptionally detailed and well-presented report on Shivneri Fort a remarkable blend of historical architecture and engineering significance.



presents

### II Technical Report Competition II

**Topic:- Forts of Maharashtra**

*"Select any one of the fort of Maharashtra of your choice and prepare a technical report based on the criteria given by us"*

**Judges:- Bage Sir and Ankit Sir**

**"Winner will get 50% off for our Konkan Trip"**



# TECHNICAL EVENTS ORGANIZED

## CAD CLASH: AUTOCAD DESIGN COMPETITION

Civil Engineering Association (CEA), SPCE, organized an exciting and forward-thinking online competition — CAD Clash 2025, a design-based event that pushed the creative and technical boundaries of our students.

Participants were challenged to design a model classroom plan using AutoCAD, and create a 3D walk-through on Revit based on the provided specifications. What set this competition apart was its real-world impact — the winning design was selected for actual implementation in the construction of SPCE's upcoming lecture hall.

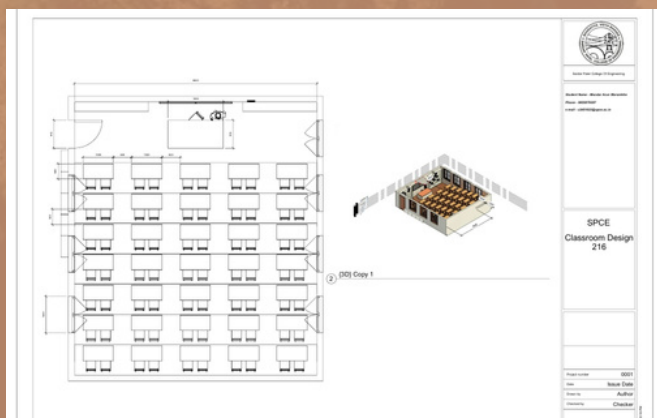
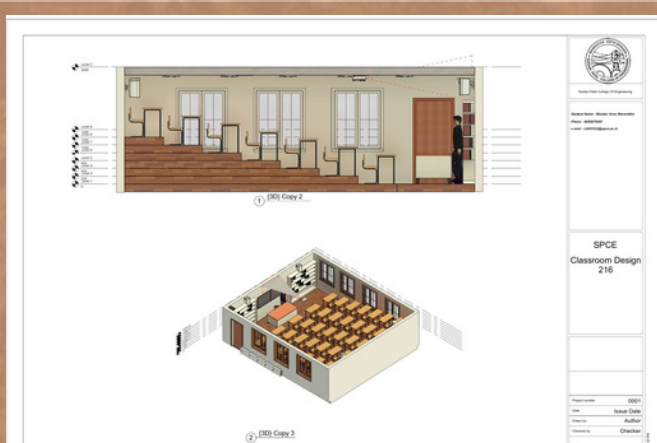


**MANDAR WARAMBHE**  
(MTECH CONSTRUCTION MANAGEMENT)



### Winner

We are proud to announce Mandar Arun Warambhe, a student from MTech in Construction Management, as the winner of CAD Clash 2025. His innovative and well-executed design earned him the top prize of ₹5000 and the honor of seeing his vision brought to life in our campus infrastructure. This event not only showcased the power of design thinking in civil engineering but also gave students a platform to contribute meaningfully to the very campus they study in. CAD Clash stands as a perfect example of learning, innovation, and application coming together — and CEA continues to create such opportunities for aspiring engineers to thrive.





# SITE VISITS ORGANIZED

## BHANDARDARA DAM SITE VISIT

As part of our continued efforts to blend classroom knowledge with on-site exposure, the Civil Engineering Association (CEA), SPCE, organized a successful educational site visit to the Bhandardara Dam, located in Akole, Maharashtra on 21<sup>st</sup> October 2024. The visit witnessed the participation of 80 students from the civil engineering department, who had the opportunity to explore one of Maharashtra's significant hydraulic structures. The objective of this visit was to enhance students' understanding of dam engineering, water resource management, and structural design principles. During the visit, students were guided through various components of the dam including the spillways, reservoir systems, and control structures, allowing them to observe the real-world application of concepts covered in their academic curriculum. We sincerely thank the authorities at Bhandardara Dam for their cooperation and hospitality, which greatly contributed to the success of this visit. The CEA also extends heartfelt appreciation to Prof. P. Gaikwad and Prof. Snehit Kumbhar for accompanying the students and providing technical guidance throughout the visit.



*"The Bhandardara Dam site visit turned our learning into experience – it showed us that civil engineering isn't just about structures, but about sustaining lives."*

*"Standing beside the dam, we saw engineering not just as a subject, but as a force shaping nature, managing water, and protecting communities."*





# SITE VISITS ORGANIZED

## SKYWAY RMC PLANT SITE VISIT

Continuing our commitment to providing students with real-time industry exposure, the Civil Engineering Association (CEA), SPCE, successfully organized a guest lecture and industrial site visit to Skyway RMC, Mumbai's leading ready-mix concrete manufacturer on 22<sup>nd</sup> February 2025. The event commenced with an insightful lecture delivered by Mr. Uttam Bhandare, Senior President – Technical at Skyway RMC. Following the lecture, 50 civil engineering students visited the Skyway RMC facility in Kurla, where they witnessed the RMC production process first-hand. From raw material handling to batching, mixing, and delivery systems, students observed the precision and efficiency required in large-scale concrete manufacturing.



*“Such collaborative experiences reflect the association’s vision to integrate academic learning with professional engagement, shaping students into future-ready civil engineers.”*

This visit enabled students to bridge their theoretical understanding with on-ground industrial practices, equipping them with valuable insights into materials engineering, quality assurance, and sustainable construction technologies.

The CEA extends sincere appreciation to Prof. Abhinandan Bage and Prof. Ankit Asher for their guidance and seamless coordination, which played a pivotal role in the success of this initiative.





# SITE VISITS ORGANIZED

## CHARKOP RESIDENTIAL BUILDING SITE VISIT

Stepping into the heart of construction at Charkop, Kandivali West, our Third Year Civil Engineering students got a firsthand look at the power and precision behind raft and pile foundations. The visit was specifically curated for Third Year Civil Engineering students, offering them the opportunity to explore the foundational elements that support the built environment. A total of 60 students participated in this visit, gaining invaluable exposure to core construction practices under real-site conditions. The academic guidance provided by Dr. Kshitija Nadgouda, Prof. Prasad Gharat, and SPCE alumna Neeta Shah played a pivotal role in enhancing the educational value of the experience for understanding soil-structure interaction practically.



This visit served as a critical step in reinforcing classroom theory with live demonstrations, helping students build confidence in their technical knowledge while witnessing the foundational stages of structural construction.

Every layer we saw being laid today is not just a part of the foundation — it's a step towards building a stronger, safer tomorrow. The CEA expresses heartfelt gratitude to our faculty and alumni mentors for their constant support and commitment toward creating such enriching learning experiences. Initiatives like these underscore our vision to prepare students for the real-world demands of civil engineering — one foundation at a time.



*"Every solid structure begins with an invisible promise beneath – a foundation built with precision, purpose, and vision."*



# SITE VISITS ORGANIZED

## PISE PANJARPUR WATER TREATMENT PLANT

The visit, held on 2nd April 2025, saw the enthusiastic participation of 68 civil engineering students from Second Year, who had the opportunity to explore one of the region's key facilities responsible for urban water treatment and sustainable water supply management, CEA organized an educational site visit to the Pise Panjarpur Water Treatment Plant, located in Kalyan, Maharashtra. Under the guidance of Dr. Hansa Jeswani and Snehjit Kumbar Sir, students witnessed critical infrastructure in action—bridging theoretical learning with practical exposure. The visit helped in understanding various technical knowledge on advanced filtration and sedimentation techniques that are used in a water treatment plant.



The visit also covered SCADA (Supervisory Control and Data Acquisition) systems used for plant automation, real-time monitoring, and quality control. In addition, students learned about sludge management, flow regulation, and the role of multi-barrier protection in urban water systems. This hands-on exposure helped bridge classroom theory with real-world application, especially in the domains of environmental engineering, hydraulics, and public health infrastructure. The CEA extends sincere thanks to the plant authorities for their cooperation and to our faculty mentors for their invaluable guidance.

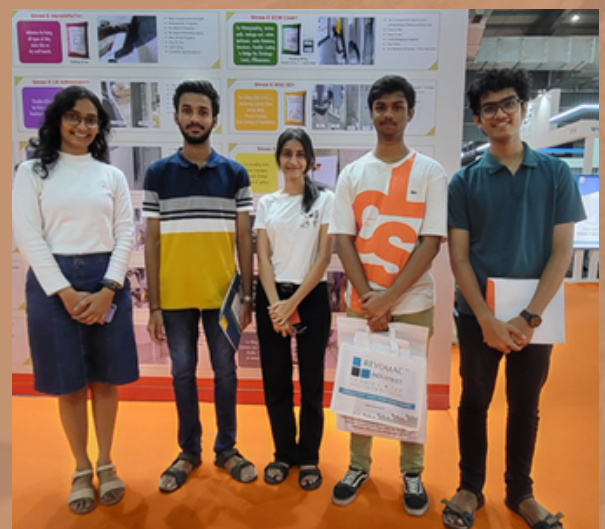




# SITE VISITS ORGANIZED

## VISIT TO IFAT INDIA 2024

The visit, held on 2nd April 2025, saw the enthusiastic participation of 68 civil engineering students from Second Year, who had the opportunity to explore one of the region's key facilities responsible for urban water treatment and sustainable water supply management, CEA organized an educational site visit to the Pise Panjarpur Water Treatment Plant, located in Kalyan, Maharashtra. Under the guidance of Dr. Hansa Jeswani and Snehjit Kumbar Sir, students witnessed critical infrastructure in action—bridging theoretical learning with practical exposure. The visit helped in understanding various technical knowledge on advanced filtration and sedimentation techniques that are used in a water treatment plant.



*"Great participation from  
SY & TY Civil Students"*



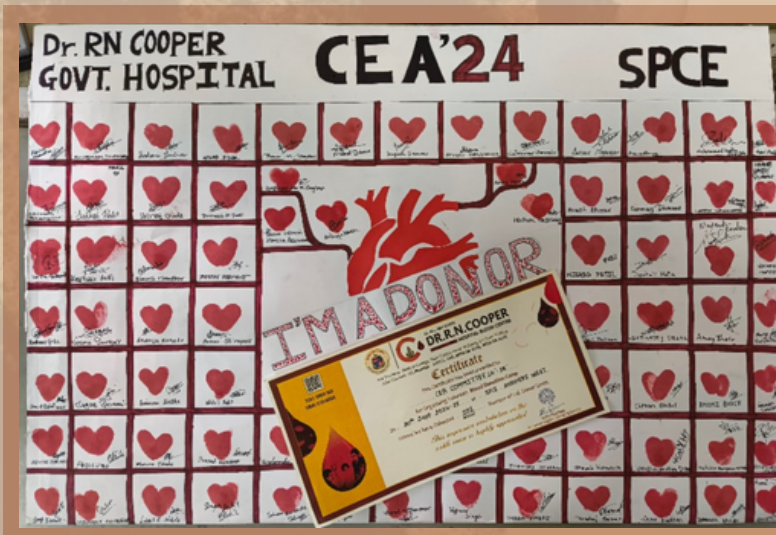
# NON-TECHNICAL EVENTS ORGANIZED

## BLOOD DONATION CAMP

The Civil Engineering Association successfully organized a Blood Donation Camp on 30<sup>th</sup> September 2024, at SPCE. This event was aimed at encouraging students and faculty members to contribute to a noble cause by donating blood, while also fostering a sense of community service within the institution. The camp, which attracted an overwhelming response, saw a total of 101 donors participate in the event. Each donor made a significant contribution to help save lives, showcasing their commitment to social responsibility.



The event was held from 11:00 am to 5:00 pm in Room 221, with the support of Dr. R .N . Cooper Government hospital and trained medical professionals ensuring that the donation process was conducted safely and smoothly. The donors were not only guided through the procedure but were also provided with information on the importance of blood donation and its impact on saving lives. One of the highlights of the camp was a fun activity organized to engage the donors. After donating blood, participants were invited to create a stamp heart with their fingerprint and sign their name alongside it on a large banner. This interactive element added a personal touch to the event and served as a symbol of unity and compassion.





# NON-TECHNICAL EVENTS ORGANIZED

Refreshments were provided to all donors after their contribution to ensure their well-being. These small gestures of care were appreciated by the participants, who expressed their satisfaction with the overall organization and smooth flow of the event. Feedback from participants was overwhelmingly positive, with many expressing their gratitude for being able to take part in such a meaningful activity. The Civil Engineering Association ensured that all donors received certificates of appreciation for their invaluable contribution.

The success of the Blood Donation Camp not only highlighted the association's dedication to social cause but also demonstrated the potential for future philanthropic events. Looking forward, the Civil Engineering Association plans to continue organizing such events to contribute positively to society and inspire students to participate in activities that promote the welfare of others. In conclusion, the Blood Donation Camp exceeded expectations, with a high turnout and active participation. The event strengthened the association's role in fostering a culture of empathy and community service among students and faculty.



*"Together, we've proven the power of unity and compassion. Let's keep the momentum going and continue making a difference!"*





# NON-TECHNICAL EVENTS ORGANIZED

## ORGAN DONATION AWARENESS DRIVE

On January 30th, 2025, the Civil Engineering Association (CEA) successfully organized a significant organ donation awareness program aimed at emphasizing the critical importance of organ donation. In collaboration with Sadhbhavana Kendra and the Trilokchand Papriwal Charitable Trust, the event provided an invaluable opportunity for 60 attendees to gain a deeper understanding of the topic. A key highlight of the program was the insightful presentation by Mr. Kalpesh Mhatre, a seasoned organ transplant coordinator highlighting Rotto Sotto the organisation that enforces proper monitoring of organ donation . Mr. Mhatre effectively addressed and dispelled numerous misconceptions surrounding organ donation while sharing his extensive knowledge and experience in the field. His expert insights contributed significantly to raising awareness and fostering a more informed community. The event underscored the life-saving impact of organ donation and reinforced the commitment of all partners involved to promote this crucial cause.

The event provided valuable insights into the circumstances under which organ donation is possible, explaining that it can occur either from a living relative or from a person at the end of life. It covered the legal aspects of organ donation, including swap and domino donation types.



The discussion also clarified which organs can be donated, what organs a brain-dead person can donate, and what can be donated by someone who has suffered cardiac arrest. Additionally, it highlighted the exclusivity and fairness of the organ donation waiting list, and how a single organ donor can potentially save the lives of up to eight people.





# NON-TECHNICAL EVENTS ORGANIZED

## PRARAMBH- FRESHERS EVENT

The most awaited event for the whole college where 3 branches civil, mechanical and electrical compete with each other for the trophy of Prarambh. Even this year our FYs participated in Prarambh 2024 on 11th November 2024 performing on the base theme of Women empowering themselves to fight the abuse through the glimpses of Mahabharata to the Modern day women. The journey to bring this performance together was one with team spirit and consistent efforts. The event was highly competitive, with each branch demonstrating significant creativity and skill. The first year students performance was a notable effort, reflecting their commitment and enthusiasm.



Participation in Prarambh offered the Civil Engineering students invaluable experiences beyond the immediate competition. The collaborative nature of the project fostered stronger bonds among the students, enhancing their teamwork skills and allowing them to connect with one another on a personal and professional level. The process of creating and rehearsing their performance provided practical lessons in project management, creative problem-solving, and effective communication. The feedback and experiences gained from the event were immensely beneficial.





# NON-TECHNICAL EVENTS ORGANIZED

The students learned the importance of perseverance, the value of constructive criticism, and the ability to adapt and improve based on experiences. These lessons are crucial for their future endeavors both in academics and in their professional careers. In summary, Prarambh was a remarkable event that allowed the Civil Engineering students to showcase their talents, embrace teamwork, and gain new insights. The event not only celebrated their creativity but also contributed significantly to their personal and academic growth. The experience of participating in Prarambh has left a lasting impression on the students, setting a positive tone for their future activities and studies.”



*“Hats off to all the FY’s for their mind blowing performance and also thanks to all SYs and TYs for taking up the initiative to take rehearsals and immense efforts to make this all possible and unforgettable.”*





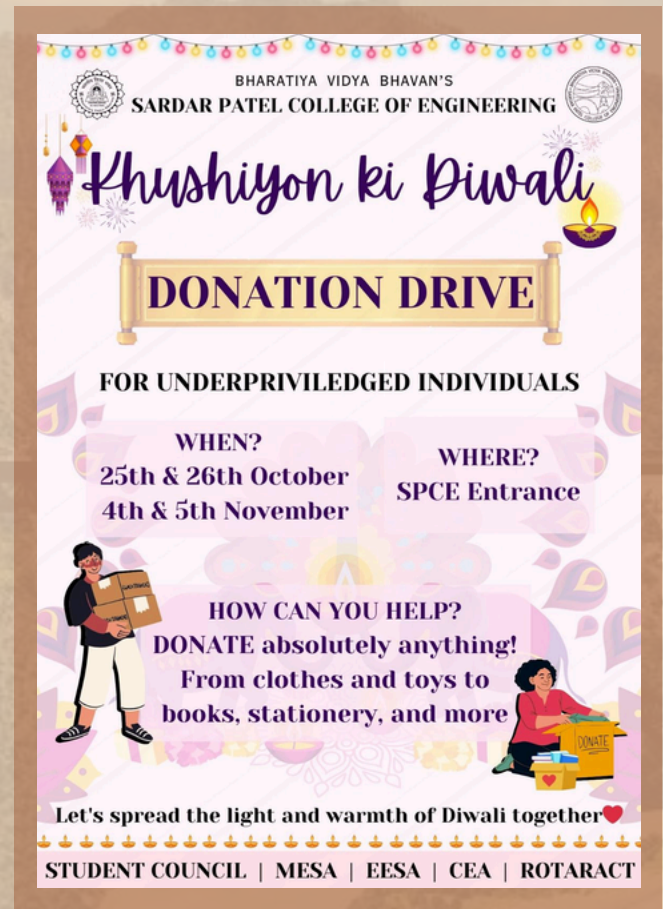
# NON-TECHNICAL EVENTS ORGANIZED

## KHUSHIYON KI DIWALI: CLOTH DONATION DRIVE

In the true spirit of Diwali the festival of lights and giving the Civil Engineering Association (CEA), alongside the Student Council, MESA, EESA, and the Rotaract Club, proudly organized a heartfelt initiative titled "Khushiyaon ki Diwali" a donation drive on the 25th & 26th October and 4th & 5th November 2024 for a noble cause of helping the underprivileged people with Books, Clothes, Stationery, Toys etc. Held across four days at the SPCE entrance, the drive witnessed overwhelming participation from students and faculty alike. The collective efforts culminated in the generous donation of Clothes (both new and gently used) Educational materials and stationery Toys and essentials for children Books for all age groups.



*"Khushiyaon ki Diwali reminded us that small acts of kindness can illuminate the lives of many."*



The goal was simple yet powerful — to share joy, spread warmth, and make the festival more meaningful for those in need. The campaign's message, "Donate absolutely anything!", truly resonated with the SPCE community, reinforcing the values of empathy, inclusivity, and shared responsibility. This initiative not only brought smiles to the faces of beneficiaries but also inspired students to contribute actively to social causes and benefit our society with good deeds.



# NON-TECHNICAL EVENTS ORGANIZED

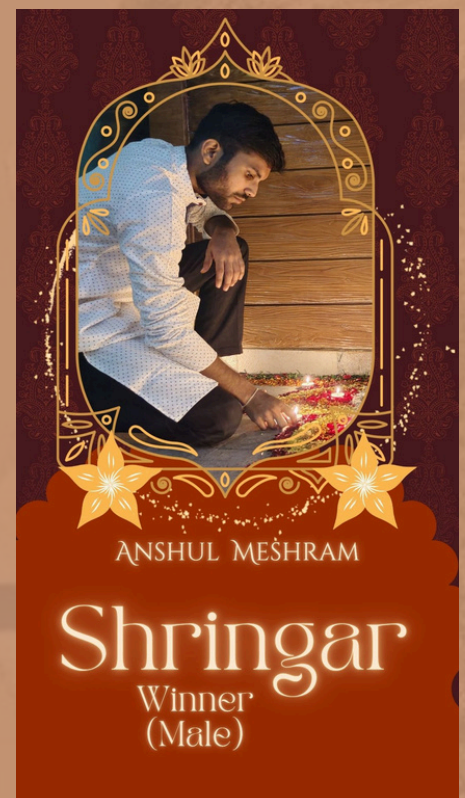
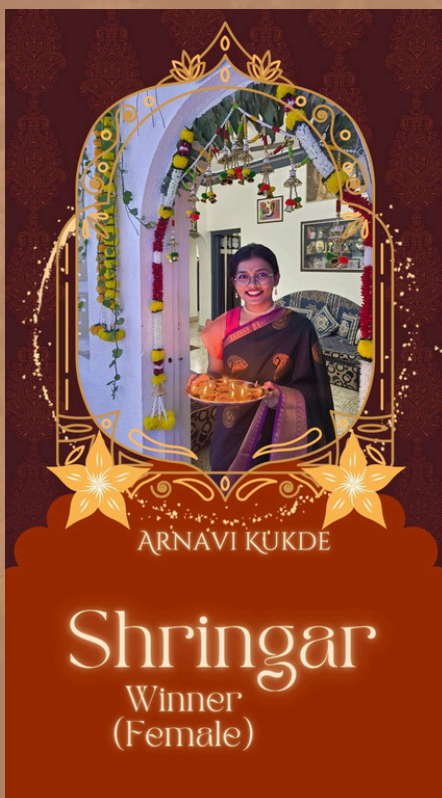
## SHRINGAAR COMPETITION

On the joyous occasion of Diwali, the Civil Engineering Association lit up the festive spirit with a unique online event — Shringaar Competition. Centered around the theme "Diwali and You", the competition invited students to submit photographs that showcased their festive attire, style, and spirit. With 25 enthusiastic participants donning their best traditional looks, the event brought out the vibrant cultural essence of Diwali, celebrated through the lens of personal expression. Each entry beautifully reflected the fusion of heritage and individuality, making the virtual gallery a radiant collection of joy, tradition, and creativity.

The competition wasn't just about appearances — it was about identity, celebration, and the shared warmth of the festival.

*"Elegance is not just in what we wear, but in the spirit we celebrate with."*

## SHRINGAAR PARTICIPANTS AND WINNERS





## BUILDER'S BULLETIN BY CEA (BBC)

From spotlighting legendary structures like the Great Wall of China to breaking down facts on engineering breakthroughs, this series aims to:

- Each bulletin is thoughtfully crafted to not only inform but also inspire, bridging the gap between passive reading and active exploration. In a time where learning extends beyond classrooms, the Civil Engineering Association (CEA), SPCE introduced an engaging and informative initiative — Builder's Bulletin by CEA (BBC) — shared through Instagram stories.



# NON-TECHNICAL EVENTS ORGANIZED

## CEA'S ALUMNI TALKS (CAT) SERIES

We're proud of our CEA Alumni Talk Series, a unique initiative where we connected with distinguished alumni of the Civil Engineering Department at SPCE. Through in-depth interviews, they shared their memorable experiences at SPCE and valuable insights from their professional journeys across diverse fields.

These recorded sessions are now available on our official Instagram and LinkedIn pages, offering current students firsthand learnings and inspiration from successful professionals.

Our featured alumni include:

Mr Sunil Jainapur (Civil, 1993) – Head of Civil Dept. Technimont Pvt Ltd

Mr Arun Karle (Mech, 1967) – Accomplished Entrepreneur

Ms. Neeta Shah (Civil, 1994) Founder, Consulting & Real Estate Professional

Mr. Sanjay Patel (Civil, 1995) – GM, Civil Structure, Technimont Ltd

Mr. Bhaskar Bhatt – Esteemed Civil Engineering Professional

A heartfelt thanks to Dr. Dr. Hansa Jeswani Ma'am, HoD Civil, for her unwavering support in making this initiative a success

All the interviews are available on our Instagram handle:- [cea\\_spce\\_](#)





## KNOW YOUR FACULTY SERIES

This year, the Civil Engineering Association (CEA) at SPCE launched a unique and heartfelt initiative to bring students closer to their mentors the Know Your Faculty series.

We recognized a common yet unspoken challenge while students admire and are curious about their faculty members, many hesitate to approach them with questions or doubts. To bridge this gap, we created a platform where students get to see the human side of their professors beyond lectures and labs.

Through candid interviews, we explored our faculty's academic journeys, personal stories, and memorable college moments. These interviews were recorded and shared on our official Instagram handle and received an overwhelming response — not only from current students, but also from alumni and senior graduates who were thrilled to reconnect with their favorite mentors.

A heartfelt thank you to:

Dr.Hansa Jeswani Ma'am

Dr.Kshitija Nadgouda Ma'am

Dr. Abhinandan Bage Sir

Dr D N Jadhav Sir

Dr.Shyamlee Solanki Ma'am

Dr.Jayram Gholave Sir

Dr.Reshma Raskar-Phule Ma'am

for being a part of this series and making it so impactful. This initiative is a small step towards building stronger, more open student-faculty relationships, and we're proud to see it resonate so deeply with the SPCE community.

Watch the video about your favorite faculty on:- [cea\\_spce\\_](#)





## SANKALP PLATFORM FOR STUDENTS

Proud to announce the launch of "संकल्प", an exclusive initiative by the Civil Engineering Association (CEA) — a dedicated platform designed to support and empower the competitive exam aspirants of SPCE!

Recognizing the growing interest and potential among our students, संकल्प was created with a simple yet impactful goal:

By joining our official WhatsApp Communities, students gain access to:

Guest Lectures by experts

Workshops & seminars

Curated study materials

Expert guidance

Past exam papers

Peer-to-peer motivation — all under faculty mentorship!

*"Let's make competitive exam prep collaborative, resourceful, and inspiring — right here at SPCE."*

This year, we laid the foundation of this initiative by forming dedicated communities for:

- UPSC CSE / ESE
- GATE
- CAT
- GRE & TOEFL

We believe संकल्प is more than a platform — it's a movement. A space to revive the culture of preparation, consistency, and growth. With continuous improvement and the commitment of future committees, we aim to make this initiative stronger and more impactful every year.





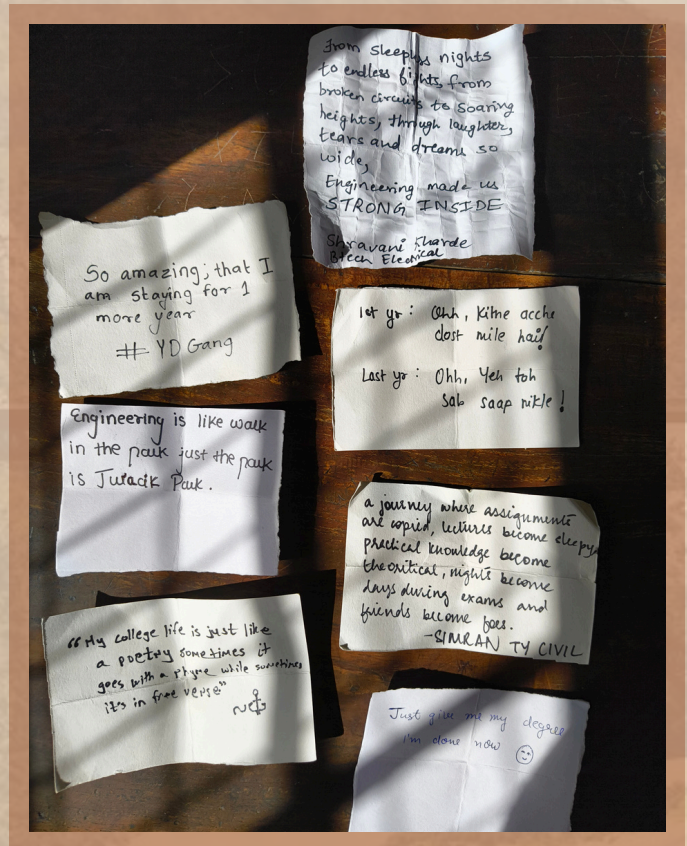
# NON-TECHNICAL EVENTS ORGANIZED

## SMALL SOCIAL ACTIVITY AT COLLEGE

CEA organized a small social activity in collaboration with the student council on 2nd February 2025 where students captured the essence of their college journey in just one sentence! It was amazing to hear so many stories filled with laughter, challenges, and unforgettable memories.

### Activity Objective:

Students were invited to "Describe Your College Life in a Sentence," capturing their journey in just a few heartfelt, funny, or nostalgic words. Over 70+ chits were submitted, each echoing a unique story — of laughter, challenges, friendships, lectures, and life beyond the classroom.



*"College days - a short chapter, but the most unforgettable one"*



From the pool of responses, 7 standout entries were handpicked and featured on our social media handles as a tribute to student voices and creativity. These wonderful entries were handpicked and later featured on our official Instagram page-@cea\_spce\_. This activity served as a reminder that while semesters and syllabi define academics, it's the stories we carry that truly define our college life.



# NON-TECHNICAL EVENTS ORGANIZED

## SOCIAL AWARENESS THROUGH SOCIAL MEDIA

On the occasion of Republic Day, the Civil Engineering Association (CEA) took a meaningful initiative to spread awareness about a fundamental pillar of our democracy — voting.

In collaboration with the talented team at Sparsh Drama Club, we created a powerful social awareness video emphasizing the importance of youth participation in elections. Through relatable storytelling and impactful dialogue, the video aimed to ignite a sense of responsibility among students, encouraging them to not only understand their rights but actively practice them.

The campaign highlighted how each vote contributes to shaping the nation's future — a reminder that democracy thrives when its youth steps up. This initiative served as our humble tribute to the Republic Day spirit, reinforcing that true patriotism lies in action, not just celebration.

On the occasion of Shiv Jayanti, we, the Civil Engineering Association (CEA), joined hands with Sparsh Drama Club and the Electrical Engineering Student Association (EESA) to produce a reflective awareness video that went beyond festive cheer.

Rather than limiting Shiv Jayanti to just dancing and slogans, our video delivered a deeper message — that true respect for Chhatrapati Shivaji Maharaj lies in understanding and applying his principles in our everyday lives. We encouraged students to shift their focus from superficial celebration to thoughtful reflection — learning about Shivaji Maharaj's vision, his values of leadership, courage, and unity, and being truly thankful for his legacy.

Through this collaborative effort, we aimed to spark introspection among our peers, urging them to be inspired not just by the stories of Shivaji Maharaj, but by living his ideals.

*Both the videos on:-@cea\_spce\_*





## WOMEN'S DAY CELEBRATION

On the occasion of International Women's Day 2025, the Civil Engineering Association (CEA) at SPCE came together to honor the incredible women who form the backbone of our college community — from students and faculty to the working and support staff.

As part of this heartfelt initiative, the CEA:

- Extended warm wishes across campus
- Distributed thoughtful tokens of appreciation crafted from eco-friendly materials
- Engaged with women on a personal note, asking them:
  - “In one word, what makes you proud to be a woman?”

The responses were moving, empowering, and deeply personal — a celebration of identity and resilience. These moments were beautifully captured in a short video reel, shared on our official Instagram page.

More than a celebration, this initiative served as a powerful reminder of the strength, pride, and grace women bring into every space they occupy — both within and beyond the walls of SPCE.





## NISARGAVEDH TREK: RATANGAD



The Civil Engineering Association (CEA) at SPCE successfully organized its much-anticipated annual trek, निसर्गविध, to Ratangad Fort on the 19th and 20th of October 2024. With nature in its full glory and the monsoon trail calling, this two-day adventure proved to be one of the most thrilling events of the academic year.

Set against the majestic backdrop of the Sahyadris, the trek included a mesmerizing journey through Sandhan Valley, scenic cliff views, waterfalls, and lush green trails. The participants experienced moments of serenity, adrenaline, and togetherness — a perfect blend of challenge and calm that only the wild can offer.

From camping under the stars to scaling heights with new friends, निसर्गविध wasn't just a trek — it was a celebration of the bond between engineers and nature. The event created countless unforgettable memories and gave our students a chance to disconnect from city chaos and reconnect with themselves and their peers.

Such outdoor initiatives also align with our vision of building holistic individuals — engineers who not only solve problems but also learn to appreciate the world beyond blueprints and beams.







# निसर्गविध Trek

This trek wasn't just a journey through nature, but through emotions — of thrill, challenge, laughter, and unexpected turns. A minor tragedy momentarily shook us, but unity and spirit brought us back stronger. From starry skies to silent sunrises, memories were etched in every step. निसर्गविध 2024 will forever remain our most cherished and unforgettable trek yet.



## WINTER TRIP TO UTTARAKHAND

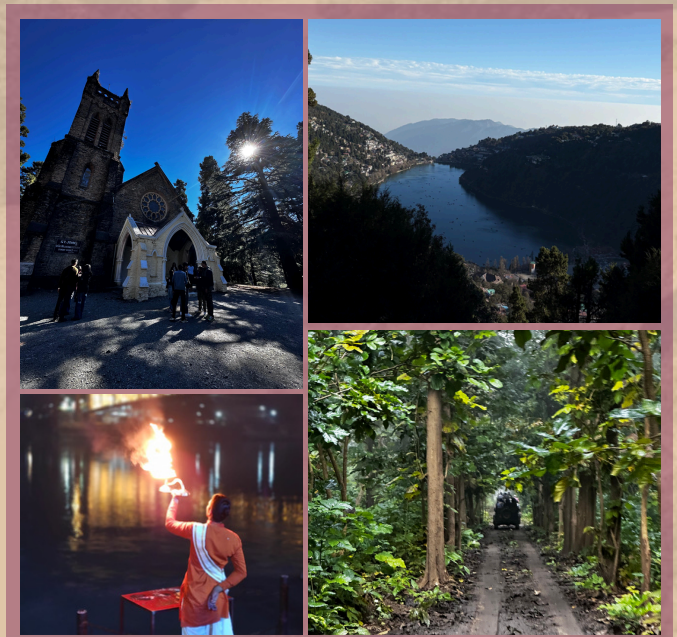
Our much-awaited Civil Winter Trip 2K25 took us on an unforgettable journey through the serene landscapes and cultural heart of Uttarakhand. From January 2nd to 9th, a vibrant group of engineers set off to explore the north — not through textbooks or screens, but through misty hills, wild forests, sacred rivers, and the sheer joy of shared experience.

Starting from the peaceful lakes of Nainital and the colonial charm of Mussoorie, to the adrenaline-packed adventures in Rishikesh, the wildlife thrills of Jim Corbett, and the spiritual calm of Haridwar — each destination added a new color to our journey.

Beyond sightseeing, what truly made the trip special were the countless inside jokes, midnight maggi runs, bus ride karaoke, and bonfire tales under starlit skies. It was a break from lectures and labs, but also a bonding experience that stitched everyone together — seniors and juniors alike — into one close-knit CEA family.

This trip gave us new friendships, beautiful memories, and a refreshing pause before diving back into the semester. As the trip came to an end, what we carried back were not just souvenirs or snapshots, but moments etched deep in memory — late-night laughter echoing in cold corridors, shared meals under starry skies, and quiet sunrises that needed no words. Winter Trip 2K25 wasn't just about the places we visited, but the people we became along the way. It was a journey of friendship, freedom, and memories that will warm our hearts for winters to come.

*"Some trips change your view, others change your people. This one did both."*





# WINTER TRIP TO UTTARAKHAND

*"What began as a college trip turned into a lifetime memory, stitched together by laughter, hills, and heartbeats."*





# TREK AND TRIPS ORGANIZED

## KONKAN TRIP TO DAPOLI

With the academic year winding down, the Civil Engineering Association (CEA) carved out a unique experience for the first-year students — a refreshing Konkani Trip on March 28th and 29th, 2025. Designed as a break from the monotony of lectures and submissions, this trip transformed into a meaningful blend of exploration, bonding, and discovery.

The journey began with the excitement of travel — music-filled bus rides and scenic highways — eventually leading us to the pristine shores of Anjarle Beach. The sea breeze, golden sands, and calm waves offered a sense of freedom that no classroom could replicate. Here, students let go of stress and soaked in the coastal calm, surrounded by nature and laughter.

A visit to the historic Suvarnadurg Fort brought in a sense of awe — learning about the region's maritime legacy while walking through stone walls that once guarded the coast. It was a living history lesson under the open sky. Alongside that, tasting authentic Konkani cuisine—from coastal thalis to homemade delights—made it a complete cultural immersion.

But what truly made the trip special were the moments in between — shared sunsets, games on the beach, group selfies, and conversations that turned strangers into friends. The trip was more than sightseeing; it was about connection — with nature, with culture, and with each other.







# CEA'S *Konkan Trip*









# LIST OF SPORTS INCLUDED

## OUTDOOR GAMES

- Cricket (Both Boys and Girls)
- Football (Only Boys)
- Volleyball (Only Boys)
- Basketball (Both Boys and Girls)
- Dodgeball (Only Girls)
- Athletics (both Boys and Girls)
- Tug of War (Both Boys and Girls)

## INDOOR GAMES

- Arm wrestling (Both Boys and Girls)
- Chess (Both Boys and Girls)
- Pool (Both Boys and Girls)
- Bowling (Both Boys and Girls)
- Swimming (Both Boys and Girls)
- Badminton (Both Boys and Girls)
- Carrom (Both Boys and Girls)
- Table Tennis (Both Boys and Girls)
- BGMI (Only Boys)
- IPL Auction (Both Boys and Girls)





# CEA CUP'25 JERSEYS UNVEILED

What truly set the stage ablaze at CEA Cup'25 — beyond the games — were the distinctive jerseys worn proudly by students of each year. Designed to reflect team identity and batch pride, each jersey bore the year and batch name, turning every match into a spectacle of colour, unity, and passion.

From the fresh energy of the first years to the confident stride of the final years, the jerseys became more than just sportswear — they became symbols of team spirit and department-wide enthusiasm.

We extend our heartfelt gratitude to our event sponsors, whose generous support helped bring this spirited tournament to life.

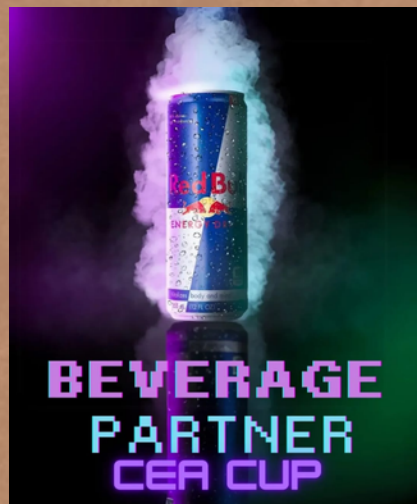
Their contributions ensured not just smooth execution but also enhanced the overall experience for participants and spectators alike.



*"Different years. Different colors. One department. One spirit."*



# CEA CUP'25 SPONSORS



“Behind every successful event lies a strong foundation and for CEA Cup’25, that foundation was strengthened by the generous support of our event sponsors. We are immensely thankful to each sponsor for standing with the Civil Engineering Association, and for recognizing the potential in student-led endeavors.”

***Thank You for Powering the Passion Behind the Play!***



# SOME SPECIAL MOMENTS OF THIS YEAR





# WINNERS OF CEA CUP'25



***T.Y.Civil***





## SUYASH GAWARE -GENERAL SECRETARY

*"Life's most memorable journeys often begin at the crossroads of the unknown, through culverts we never mean to cross."*

"That's exactly how my journey as General Secretary of the Civil Engineering Association began—not with certainty, but with doubt. A WhatsApp message about CEA committee recruitment appeared. I ignored it at first. Like many, I believed focusing solely on academics was the "right" path. But deep down, I knew I loved leadership. That silent passion nudged me to apply—just before the extended deadline closed.

I had no plan for the interview. I went just to support my friends. But something changed. I got into formals, walked in for interview —no PPT, just belief and self confidence —and that was enough to get selected. Being selected as General Secretary was an honor, but also a heavy responsibility. As someone naturally introverted, I didn't fit the conventional mold of a "General secretary." But I chose to embrace the discomfort—and grow through it.

Our tenure began with a milestone: 101 blood donations in a single day—a record-breaking achievement in SPCE's 40-year history. This was followed by the Ratangad trek, where 150 students braved torrential rain and a near-death experience. It was one of the most intense and unforgettable events I've ever led. I made sure I was the last person off that mountain—because leadership, to me, means accountability.



But not everything went as planned. Losing Prarambh, the fresher's dance competition, was a personal low. I contemplated quitting. But from that setback came strength. I stood back up—alone—and decided to move forward. That moment taught me more than any victory ever could: how to lead through failure, negativity face criticism, and rebuild confidence. What followed was a phase of growth and relentless activity:

We were the only department to successfully conduct an Industrial Visit to Uttarakhand. We conducted most number of events and initiatives among all the Associations. Launched highly celebrated Know Your Faculty and Alumni Talk series on Instagram handle. Initiated social awareness reels, Women's Day celebrations, technical events like CAD Clash and Fort of Maharashtra report competition. Took first-year students on their first-ever summer Konkan trip. Each initiative was driven by purpose—and by a team that believed in it.

The journey culminated with the CEA Cup. This year's edition was our most successful yet—featuring new sports, sponsors, MTech participation, and high energy. Defending our title was the perfect closure to a challenging but fulfilling year. When the final whistle blew, I couldn't hold back my tears—tears of pride, relief, and deep gratitude.

This journey has given me more than leadership experience. It has taught me resilience, people skills, humility, and patience—things no academic syllabus can ever fully teach.

To my team who made this journey possible especially —Anshul, Atharv, Maiterya, Poojan, Jayesh and all the first-years who gave their all—thank you. To Hansa Ma'am, Kumbar Sir, and the entire faculty—your trust and guidance meant everything.

Yes, introverted leaders exist. And while we may lead softly, we lead with impact.”

*“We faced it all, stood tall, and did it our way”*

Signing off,

Suyash Gaware

General Secretary

Civil Engineering Association (2024–25)





General Secretary- Suyash Gaware

Technical Secretary- Anshul Meshram

Technical Secretary - Nishant Johare

Finance Secretary- Jayesh Bodke

Creative Head- Maitreya Mohite

Creative Head- Devhuti Matte

Site Visit Head- Atharv Korgaonkar

Sports Secretary- Poojan Rane

Sports Secretary- Pranav Bhandari

Sports Secretary- Abhinav Khandekar

Non-Technical Secretary- Rohan Valvi

SY Coordinator- Vaishnavi Ratnaparkhi

SY Coordinator- Mohd. Sadiq Shaikh

SY Coordinator- Rohit Chaudhuri



# CEA COMMITTEE 2024-25





# MAGAZINE COMMITTEE



**Maitreya Mohite**

**Devhuti Matte**

*"This magazine is more than just a bunch of pages, its a collection of countless memories, milestones and a journey that brought we as a committee together to work and lit the spirit of our civil engineering department family. From brainstorming sessions to sleepless nights, this magazine is built with passion and purpose. This magazine is a tribute to the work, wonder, and willpower of our CEA family."*



## AN UNFORGETTABLE JOURNEY







# C.E.A



# 2024-25



@CEA\_SPCE



<https://www.linkedin.com/company/civil-engineering-association/>



<https://spce.ac.in/CEA.php>