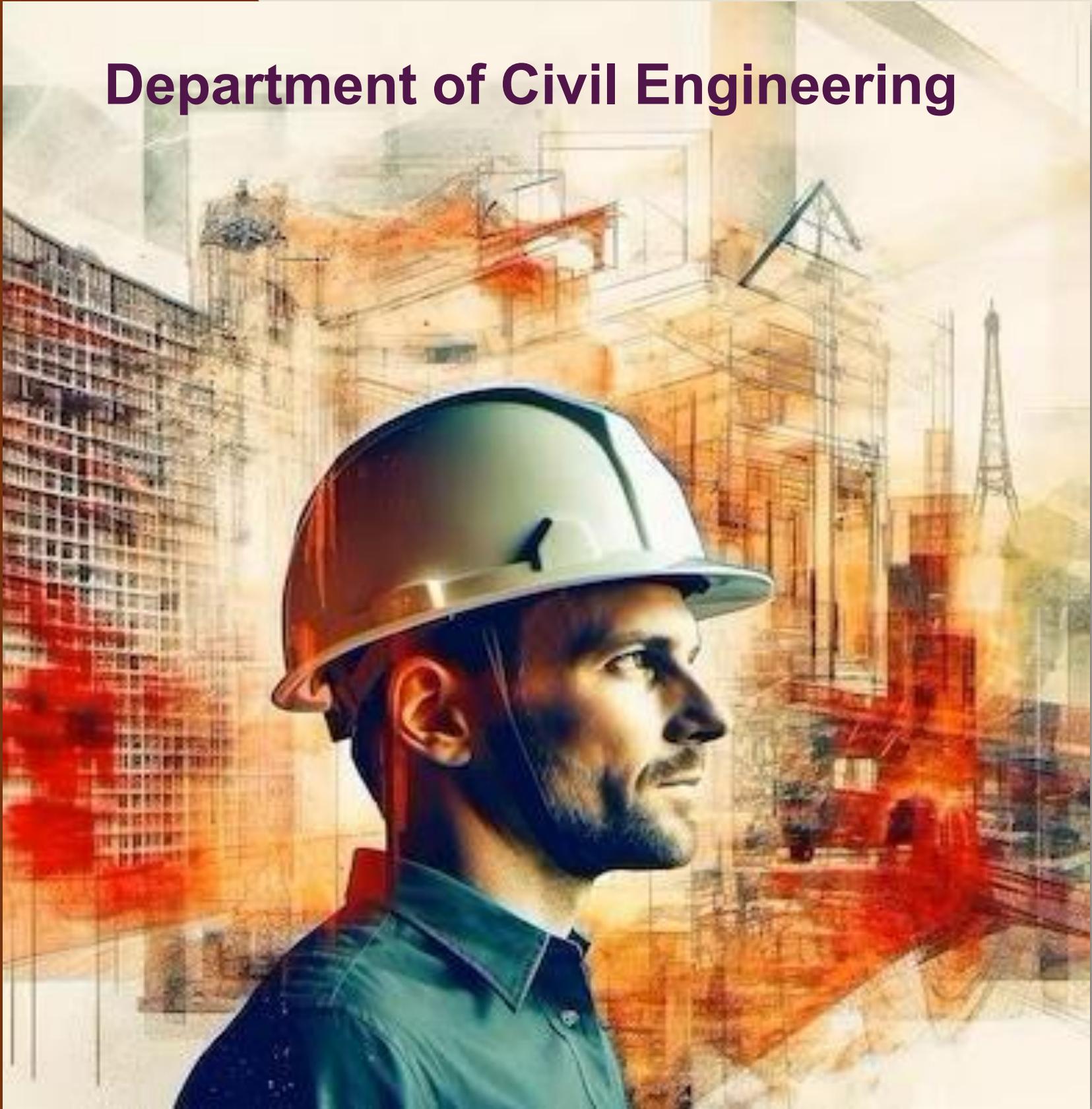


# **CIVIL VOICE - 1**

**Volume 07: Issue 01 DECEMBER 2025**

**Department of Civil Engineering**



## EDITORIAL BOARD

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(Head of Department)

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Mr. M N Kumbhar  
Lecturer

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Mr. Parth Yadav.  
Miss. Prachi Mattawade

### Executive Editor's Desk



I'm pleased to present the Fifth edition of Civil Voice Volume-07 Issue-1, This edition of the Department of Civil Engineering's newsletter, highlighting our achievements and events from the past six months (AY 2025-26) I extend special thanks to Mr. Viren Bhiridi. (Director), Dr. Suhas Sapate (Principal) and Mr. Rhituraj Patil (HOD) for their inspiration and valuable feedback, as well as to the editorial committee for their support. I hope you enjoy reading the upcoming pages.

## About the Department

Established in 2009 with an intake of 60, the department has 07 advanced labs (investment: 27 lakh) for academics, research, and consultancy. Students benefit from experienced faculty with 10+ years in teaching, fieldwork, and consulting.

## Director's Message



Dear Readers,

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

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

## Principal's Message



BSIET, Kolhapur is committed to providing quality education in science and technology rooted in values, ethics, and innovation. Located in the heart of Kolhapur amid the serene greenery of Tarabai Park, the institute offers diploma programs under MSBTE and B.Tech. programs aligned with current industry needs.

With a strong focus on outcome-based education, experiential learning, industry interaction, and holistic student development, BSIET nurtures technically competent, well-cultured, and globally competitive professionals.

## HOD's Message



Dear Colleagues and Students,

I am pleased to present the volume-7 of first issue of this year's department newsletter. In this edition, we highlight a range of exciting updates and developments from the past six months, showcasing the collective efforts and achievements of our department. We have made significant strides in various areas, from academic advancements to new initiatives, and I'm proud to share these milestones with you. This newsletter aims to keep everyone informed and engaged with the ongoing activities and future directions of our department.



## Program Outcomes

### Vision

To be the recognized department reinforcing knowledge and skill for developing competent and responsible civil engineers towards sustainable civilized society.

### Mission

- M1 – To strengthen students with sound technical knowledge imparted through activity and experiential based teaching-learning process.
- M2 – To develop critical thinking and problem-solving attitude for supervising and solving real world construction problems.
- M3 – To motivate students for higher education and professional skills through onsite internships and industry interactions.
- M4 – To in still social ethics and moral values among students and teachers towards sustainable development of eco-friendly society.

## Program Outcomes

**P01** - Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

**P02** - Problem analysis: Identify and analyses well-defined engineering problems using codified standard methods.

**P03** - Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.

**P04** - Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

**P05** - Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

**P06 - Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.

**P07 - Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes. Life-long learning Recognize the need for and have the preparation and ability to engage in independent

## Program Specific Outcomes (PSO's)

**PS01:** Quality Construction Work knowledge and tools. Execute quality construction work by applying

**PS02:** Manage Resource - Manage resources and demonstrate commitment to professional work.

## Departmental Activities

| Sr. No. | Name of Activity  | Co-Ordinator      | Date of Activity |
|---------|---|-------------------|------------------|
| 01      | Expert lecture - Design of highway parameter  | Mr. M. N. Kumbhar | 09/09/2025       |
| 02      | Expert Lecture – Essence of Indian Constitution                                     | Mr. M. N. Kumbhar | 19/09/2025       |
| 03      | Expert Lecture – Advance Structural Engineering Practices                           | Mr. M. N. Kumbhar | 19/09/2025       |
| 04      | Site Visit – Bhumi Stone Crusher Plant  | Mr. Y. N. Mane    | 16/09/2025       |
| 05      | Bhumi Ready Mix Concrete Plant  | Mr. Y. N. Mane    | 16/09/2025       |
| 06      | Visit to Dudhaganga Kalamwadi Dam, Canal, Intake chamber, Percolation tank, KT weir | Mr. Y. N. Mane    | 09/10/2025       |



## Visit - RMC PLANT



The Department of Civil Engineering organized an industrial visit to Bhumi Ready Mix Concrete (RMC) Plant, located at MIDC Industrial Area, Shirol, on 16 September 2025. The visit aimed to provide students with practical knowledge of modern concrete production and quality control practices. During the visit, students observed the complete RMC process including material storage, batching, mixing, quality testing, and transportation of concrete using transit mixers. The interaction with plant personnel helped students understand the importance of mix design, automation, time management, and quality assurance in large-scale construction projects. The visit proved to be highly informative and strengthened students' understanding of industry-oriented concrete technology.

## Visit - NEW PALACE KOLHAPUR



As a part of the Building Materials and Construction (BMC) subject, the Department of Civil Engineering organized an educational visit to the New Palace, Kolhapur on 10 September 2025. The visit helped students study traditional and heritage construction techniques, architectural elements, and the use of materials such as stone, brick, lime mortar, and decorative finishes. Students observed structural components, arches, columns, load-bearing walls, and intricate façade detailing, gaining insight into durability and workmanship in historic structures. The visit enhanced students' understanding of construction practices used in heritage buildings and their relevance to modern civil engineering.

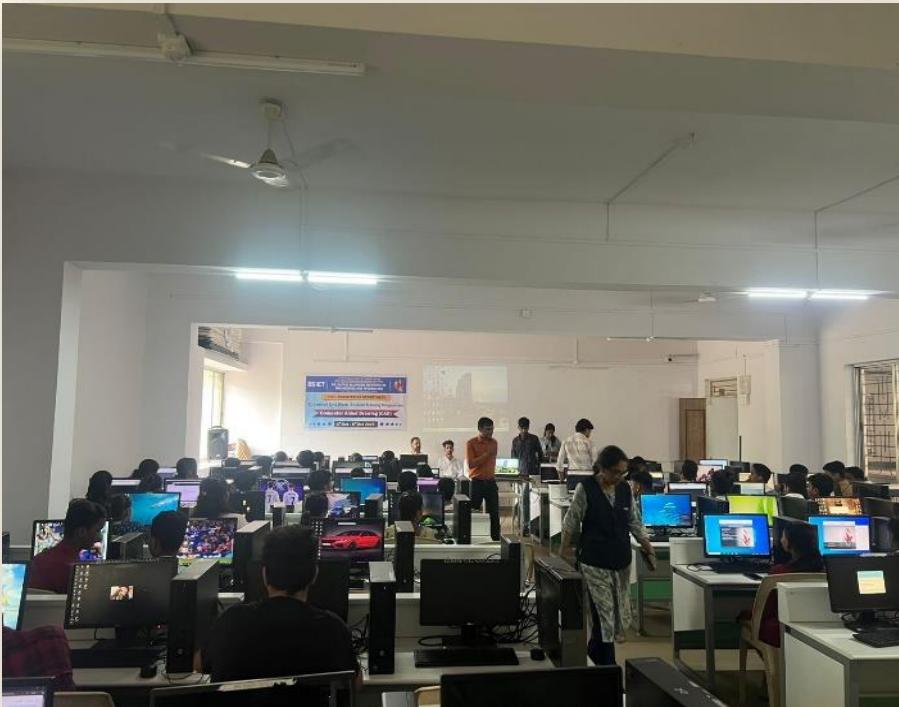
## Visit - DUDHGANGA DAM KALAMBWADI



The Department of Civil Engineering organized an educational site visit to Dudhganga Dam, Kalambwadi on 9 October 2025 to provide students with practical exposure to water resources engineering. Dudhganga Dam is an important multipurpose project that supports irrigation, water supply, and flood control in the region by storing monsoon water and regulating its release. During the visit, students observed key components such as the dam structure, spillway arrangement, and surrounding irrigation system. The visit enhanced students' understanding of real-world construction practices, dam safety, and the role of such projects in regional development, effectively bridging the gap between theory and field experience.



The Department of Civil Engineering organized a DGPS (Differential Global Positioning System) Workshop as part of the Surveying subject to familiarize students with advanced surveying techniques. The workshop provided hands-on training in DGPS equipment, data collection, and coordinate positioning with high accuracy. Students learned about real-time kinematic (RTK) surveying, applications in road alignment, land measurement, mapping, and infrastructure projects. The session enhanced students' practical skills and understanding of modern surveying practices widely used in the civil engineering industry.



The Department of Civil Engineering organized an AutoCAD Training Program to enhance students' drafting and design skills. The training covered basic and advanced AutoCAD commands used in civil engineering drawings such as plans, elevations, sections, and detailing. Students gained hands-on experience in preparing accurate and professional drawings, improving their understanding of layout planning and construction drawings. The program helped students develop industry-relevant skills essential for design offices, consultancy work, and construction projects.



The Department of Civil Engineering conducted sessions using the Virtual Laboratory platform developed by IIT Bombay to enhance students' conceptual and practical understanding of core civil engineering subjects. Through interactive simulations and online experiments, students explored various laboratory concepts that complement physical lab work. The virtual lab helped students visualize complex theories, perform experiments in a digital environment, and strengthen their analytical skills. This initiative supported innovative learning and improved academic engagement through technology-enabled education.

## Students Cocurricular Activities

**BSIET** ॥ ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार ॥ - शिक्षणमहर्षी डॉ. बापूजी साखुंबे

Shri Swami Vivekanand Shikshan Santha's  
**DR. BAPUJI SALUNKHE INSTITUTE OF ENGINEERING & TECHNOLOGY (POLYTECHNIC)**

**Department Of Civil Engineering**  
**Engineers Day 2025**

|  |   |   |   |                                      |                                      |
|--|---|---|---|--------------------------------------|--------------------------------------|
| <b>Treasure Hunt</b><br>(2 Students Per Group)<br><b>Entry Fee 50/-</b>  | <b>Free Fire</b><br>(Squad)<br><b>Entry Fee 100/-</b>   | <b>Poster Presentation</b><br>(2 Students Per Group)<br><b>Entry Fee 50/-</b>   |   |                                      |                                      |
| <br><b>Certificate &amp; Cash Prize</b><br><b>STUDENT CO-ORDINATOR</b><br>Samarth Killedar 7030540209   Shubham Patil 7385721305 | <br><b>Certificate &amp; Cash Prize</b><br><b>STUDENT CO-ORDINATOR</b><br>Vaibhav Nannaware 9226013282   Atharv Shingare 8862082383 | <b>Topics</b><br>1. Smart Cities and sustainable infrastructure<br>2. Robotics in Industry 4.0<br>3. Electric Vehicle Future of Transportation<br>4. Climate change & Engineering Solution<br><b>Certificate &amp; Cash Prize</b><br><b>STUDENT CO-ORDINATOR</b><br>Yogesh Amble 8261995200   Saurabh Warang 8669124968 |   |                                      |                                      |
| <b>Parth Yadav</b><br>CESA President   | <b>Darshan Parit</b><br>CESA Vice President   | <b>Prof. Hemant Kumbhar</b><br>CESA Co-Ordinator  | <b>Mr. R.K. Patil</b><br>HOD Civil Department | <b>Dr. S. G. Sapate</b><br>Principal | <b>Prof. V.D. Bhirdi</b><br>Director |

On the occasion of Engineers' Day 2025, the Department of Civil Engineering, BSIET, Kolhapur, in association with Civil Engineering Students' Association (CESA), organized a series of technical and recreational events to celebrate the spirit of engineering and innovation. The program aimed to enhance students' technical skills, creativity, leadership, and team coordination.

The events included Treasure Hunt, which tested logical thinking and teamwork; Poster Presentation, where students presented ideas on topics such as smart cities, sustainable infrastructure, Industry 4.0, electric vehicles, and climate change solutions; and Free Fire (Squad), encouraging strategic thinking and collaboration. Active participation from students across departments, along with faculty support, made the celebration vibrant and successful. The event concluded with certificate distribution and cash prizes, motivating students to actively engage in academic and co-curricular excellence.

## Prize distribution 2025



## Student's Achievement

It is a moment of great pride and happiness for us as our project titled “**Soil Development Map for Kolhapur City**” has been selected for the Jury Presentation Round of the **PCERF – B. G. Shirke Vidyarthi Awards 2025**.

On behalf of our team — Atharv Shingare, Prince Singh, Saurabh Warang, and Yogesh Amble — I extend heartfelt thanks to the selection committee for recognizing our work. This achievement reflects our dedication, teamwork, and the guidance we received from our mentors.

Our project aims to provide a scientific and useful soil development map that can support urban planning, construction decisions, and sustainable development in Kolhapur City. We are also proud to share that we have successfully presented a research paper based on our project, adding academic value to our study.

We feel truly honored to stand here today, and this selection motivates us to work even harder.

A big congratulations to the entire team, and heartfelt gratitude to everyone who supported us throughout this journey.



SAURABH WARANG



YOGESH AMBLE



PRINCE SINGH



ATHARV SHINGARE



## Pune Construction Engineering Research Foundation

**Subject: PCERF- B. G. Shirke Vidyarthi Awards 2025: Invitation for interaction with Jury.**

Dear Participant,

Heartiest Congratulations !!! It gives us great pleasure to announce that you have been shortlisted for the Jury Presentation Round for PCERF Vidyarthi Awards 2025. We sincerely appreciate your participation in these Awards.

We wish you all the very best and continued success in the upcoming round.

Details about Jury presentation: As per telephonic conversation with you, please note down the below mentioned details.

**Day & Date** : Sunday, 14<sup>th</sup> December 2025  
**Reporting time** : 09.30 a.m.  
**Venue** : Marathwada Mitra Mandal's College of Architecture, BMCC Rd,  
Deccan Gymkhana, Pune-411004.

**Schedule:**

| Time          | Activity   |
|---------------|--|
| 09.30 - 10.00 | Breakfast, First 5 Shortlisted students display project at venue         |
| 10.00 - 10.30 | Preparation time   |
| 10.30 - 13.00 | Students presentation to Jury Panel (5 entries per category)             |
| 13.00 - 14.00 | Lunch, Shortlisted (remaining entries) students display project at venue |
| 14.00 - 16.30 | Remaining students presentation to Jury Panel (5 entries per category)   |

Please send a mail confirming your availability for **Sunday, 14<sup>th</sup> December 2025. 09.30 a.m. at the venue mentioned above.**

Snacks coupons will be provided at the registration desk.

*In case of any clarification, you may kindly contact on 9156549177 and [awards@pcerf.org](mailto:awards@pcerf.org).*

Thanking you in anticipation,

**Ar. Mrinalini Sane**  
**Convener,**  
**PCERF- B. G. Shirke Vidyarthi Awards 2025**

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GSTIN - 27AABCP1301K1ZR CIN NO. - U45209PN1983PLCO30684

## Placement Drive

We are proud to announce that **Mr. Atharv Shingare** has been successfully placed at **EASA Saleh Al Gurg Group, Dubai**. This prestigious international placement reflects his strong dedication, sound technical knowledge, disciplined approach, and consistent academic performance throughout his studies.

**EASA Saleh Al Gurg Group** is one of the most reputed and diversified business conglomerates in the UAE, with a strong presence in **engineering, construction, trading, manufacturing, and industrial services**. Securing placement in such a renowned organization highlights Atharv's competence and readiness to meet global industry standards.

Atharv's achievement stands as a source of motivation for fellow students and demonstrates the effectiveness of our institution's **industry-oriented training, skill development initiatives, and strong industry-academia collaboration**. We extend our heartfelt congratulations to Mr. Atharv Shingare and wish him a successful, fulfilling, and rewarding professional career ahead.



**Atharv Shingare Placed in EASA SALEH AL GURG GROUP, DUBAI  
(11.20 LPA)**

### Winner of Scopus Index Conclave Award 2025

It is proud to announce that **Mr. Macchindranath Nagoji Kumbhar**, Lecturer, **Dr. Bapuji Salunkhe Institute of Engineering and Technology**, Kolhapur, has been honored with the prestigious **Scopus Index Conclave Award 2025**. He received this recognition for his research paper titled *“Advanced Methods and Techniques for Enhancing Soil Quality in Civil Engineering Applications”*, published in an **International Journal of Advance Research, Ideas and Innovations in Technology** (ISSN: 2454-132X). The paper highlights innovative approaches to improve soil properties, contributing significantly to sustainable practices in civil engineering. This remarkable achievement reflects Mr. Kumbhar’s commitment to research excellence, academic innovation, and knowledge dissemination. His success not only brings pride to his institute but also enhances the reputation of MSBTE at the national level. MSBTE extends warm congratulations to Mr. Macchindranath Nagoji Kumbhar for this distinguished honor and wishes him continued success in his academic and research journey.



**CONFERENCE NAME:** Scopus Index Conclave 2025  
**CONFERENCE VENUE:** Lotus Hall, Hotel Femina, Trichy, Tamil Nadu.  
**CONFERENCE DATE:** 03 August, 2025.

**Award Winner Name:** Mr Macchindranath Nagoji Kumbhar,  
**Lecturer at Dr Bapuji Salunkhe Institute Of Engineering & Technology Kolhapur.**  
**Paper title:** *“Advanced Methods and Techniques for Enhancing Soil Quality in Civil Engineering Applications.”*  
**Journal:** **International Journal of Advance Research, Ideas and Innovations in Technology** (ISSN: 2454-132X).

# Academic Toppers

**BSIET** SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S  
**DR. BAPUJI SALUNKHE INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**TOPPERS OF MSBTE WINTER EXAM 2024**

DEPARTMENT OF CIVIL ENGINEERING

**THIRD YEAR**

| Rank            | Name             | Percentage |
|-----------------|------------------|------------|
| 1 <sup>st</sup> | Ms.Nair Sridevi  | 95.00%     |
| 2 <sup>nd</sup> | Ms.Bangi Aljarin | 94.90%     |
| 3 <sup>rd</sup> | Mr.Shinde Sairaj | 90.30%     |

**SECOND YEAR**

| Rank            | Name               | Percentage |
|-----------------|--------------------|------------|
| 1 <sup>st</sup> | Mr.Singh Prince    | 81.88%     |
| 2 <sup>nd</sup> | Mr.Yadav Parth     | 81.29%     |
| 3 <sup>rd</sup> | Ms.Matawade Prachi | 79.18%     |

*Congratulations*

2130, E Ward Tarabai Park, Kolhapur-416003  
960 760 9292 | 960 760 4242

**BSIET** SHRI SWAMI VIVEKANAND SHIKSHAN SANSTHA'S  
**DR. BAPUJI SALUNKHE INSTITUTE OF ENGINEERING AND TECHNOLOGY**

**MSBTE TOPPER 2024-25**

DEPARTMENT OF CIVIL ENGINEERING

**FIRST YEAR**

| Rank            | Name           | Percentage |
|-----------------|----------------|------------|
| 1 <sup>st</sup> | HARSHDA YADAV  | 80.90%     |
| 2 <sup>nd</sup> | ANUSHKA PATIL  | 77.60%     |
| 3 <sup>rd</sup> | NARAYANI SUTAR | 75.90%     |

*Congratulations*

2130, E Ward Tarabai Park, Kolhapur-416003  
960 760 9292 | 960 760 4242



## DEPARTMENT OF CIVIL ENGINEERING

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