



DEPT. OF CIVIL ENGINEERING  
GOVERNMENT POLYTECHNIC, KOLHAPUR

# ***FUTURE FOUNDATION 2025-26***

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## ***SPECIAL THANKS***

- 1.] DR. K. A. Kolekar
- 2] DR. M. P. Hampali
- 3] Mr. U. P. Mane
- 4] Smt. M. S. Kamble
- 5] Smt. M. S. Morye
- 6] Mr. P. S. Chavan Patil

- Mr Pranit Patil
- Mr Avaneesh Sawant
- Mr Karan Patil
- Mr Shreyesh More
- Mr Samir Metkari
- Ms Shweta Shinde

# **TITLE**

**“FUTURE FOUNDATION”**

Magazine 2025-26

Department of Civil Engineering  
Government Polytechnic, Kolhapur.

Languages: English, Marathi

Period of Publication : 2025-26

### **Schedule of Declaration :**

I, Mr P.S Chavan patil hereby  
Declare that the particulars  
are true to the best of my  
knowledge and belief.



## **PRINCIPAL'S MESSAGE**

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It gives me immense pleasure to present this edition of the magazine published by the Department of civil engineering at Government Polytechnic, Kolhapur. The civil department has always been a hub of innovation and excellence, driven by its meritorious students and dedicated faculty members. Their relentless pursuit of knowledge, coupled with an enthusiasm for both academic and extracurricular activities, truly sets a benchmark within the institute.

Throughout the academic year, the department has organized a variety of co-curricular and extracurricular initiatives that foster technical expertise, creativity, and holistic development among students. These activities not only enhance their practical learning experience but also equip them with the essential skills required in today's dynamic technological landscape.

I take this opportunity to appreciate the efforts of the faculty members and students for their commitment to academic excellence and professional growth. The magazine stands as a testament to their hard work, creativity, and collaborative spirit.

Wishing the civil department continued success in all their endeavors!

Capt. Dr. N. P. Sonaje  
Principal,  
Government Polytechnic, Kolhapur

# FROM THE HOD'S DESK

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Welcome to the Department of Civil Engineering at Institute of Government Polytechnic, Kolhapur, an autonomous Institute of Government of Maharashtra. Our institute was established in the year 1961 having intake capacity 60. Additional intake of 30 students capacity was increased by 2009. By now the total intake of civil engineering is 150. The department has well qualified, experienced and dedicated faculty who always believe in overall development of students. We focus on student centric active teaching learning process by providing them domain knowledge, developing their skill sets and aware them about ethics and human values. We also believe in building up student's career and professional excellence With a curriculum designed to keep pace with evolving industry trends. The department fosters an environment conducive to innovation, collaboration, and professional growth, ensuring that students are well-prepared to meet the demands of the ever-changing civil landscape.

We follow outcome based curriculum from academic year 2016-17. Our main aim is to create Civil Engineering Diploma students who can work effectively in construction industry, private sectors, Government departments like PWD, WRD, MJP, Railways etc.

Over the years, our department has consistently produced skilled diploma engineers who have excelled in their careers, contributing to various sectors of the civil industry. As we continue this journey, we remain dedicated to academic excellence, industry relevance, and the holistic development of our students.

**"ONCE A GPKP'S STUDENT, ALWAYS A GPKP'S STAR!"**



Dr. M. P. Hampali  
HOD of APM department



Capt. Dr. N. P. Sonaje  
(Principal)  
GPKP



Dr. K. A. Kolekar  
HOD of CIVIL department



Mr. U. P. Mane  
(lecturer)



Smt. M. S. Kamble  
(lecturer)



Smt. M. S. Morye  
(lecturer)



Mr. P. S. Chavan Patil  
(lecturer)



Mr. K. D. Kokare  
(Lab assistant)



Mr. A. S. Vadiya  
(Peon)



Smt. P. P. Gurav  
(Instructor)



Mr. S. R. Patil  
(Instructor)

# ***DEPARTMENT OF*** **CIVIL ENGINEERING**

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The civil Engineering department at Government Polytechnic Kolhapur is located on the Base or Ground Floor of the new building. It offers modern amenities such as clean washrooms, drinking water, well-equipped laboratories, a conference hall, staff rooms, and spacious classrooms with plenty of sunlight. The department focuses on building and implementing sophisticated solutions with a product management mindset, providing students with both practical and theoretical knowledge to ensure a successful future.

# **VISION** **AND MISSION OF** **INSTITUTE**

Vision of Institute of high recognition developing competent technicians for quality services or entrepreneurship to cater the needs of industry and society



## **MISSION OF INSTITUTE**

- To educate and train in multi disciplinary multi-level programmers to develop technicians and skilledman power having global competency
- To ensure employability, encourage entrepreneurship, promote life long learning.
- To inculcate in the students the qualities of a good citizen at individual, social and professional level.
- To provide quality management system with focus on effective studentcentric education.
- To utilize faculty expertise and Institute Infrastructure to render quality consultanc

# ***VISION*** **AND MISSION OF DEPARTMENT**

Civil engineering technicians having global competencies for quality services and entrepreneurship for infrastructure development of the nation.



## ***MISSION OF DEPARTMENT***

- To educate and train the technical manpower of high competency in Civil Engineering
- To ensure employability, encourage entrepreneurship, promote lifelong inter disciplinary liaison to face ever changing needs, risks and constraints
- To generate civil engineering technicians who successfully adapt to local situations and provide innovative solutions for the betterment of the society
- To provide and implement quality management system for civil engineering technician education

# LAB & EQUIPMENTS

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## 1] SURVEY LAB

- The Survey Lab is used for measuring distances, angles, and elevations to prepare maps and plans.
- Students learn basic and advanced surveying methods like chain surveying, compass surveying, plane table surveying, and leveling.
- Advanced instruments like theodolite and total station are also used.
- It helps students understand plotting, contouring, and field data recording.
- The lab is essential for construction projects, road alignment, and land development works.

# LAB & EQUIPMENTS

## 2] HYDRAULIC LAB

- The Hydraulic Lab is used to study the behavior of fluids (water) under different conditions.
- Experiments are conducted on Bernoulli's theorem, flow through pipes, orifices, and notches.
- Students also study loss of head, discharge measurement, and pump performance.
- The lab helps in understanding design of water supply systems, dams, canals, and irrigation structures.
- It provides practical knowledge of fluid mechanics principles



# LAB & EQUIPMENTS

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## 3] ENVIRONMENTAL ENGINEERING LAB

- This lab focuses on analysis of water, wastewater, and environmental samples.
- Common tests include pH value, turbidity, hardness, dissolved oxygen (DO), BOD, and COD.
- Students learn about water purification, sewage treatment, and pollution control methods.
- It is useful for maintaining public health and environmental safety.
- The lab supports subjects like water supply engineering and sanitary engineering.

# LAB & EQUIPMENTS

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## 4] TRANSPORTATION ENGINEERING LAB

- The Transportation Lab deals with testing of road construction materials and traffic studies.
- Tests are conducted on aggregates, bitumen, and soil used in pavement construction.
- Experiments include impact test, abrasion test, penetration test, and ductility test.
- Students learn about pavement design, highway construction, and maintenance techniques.
- It helps in understanding safe and efficient transportation systems.



# ***DEPARTMENT OF* CIVIL ENGINEERING**

## **CLASS REPRESENTATIVE'S**



Mr. Pranit Patil  
CLASS REPRESENTATIVE [CR]  
TY - B (SGS)



Mr. Altamesh Khan  
CLASS REPRESENTATIVE [CR]  
TY - A



Mr. Shreyash Basugade  
CLASS REPRESENTATIVE [CR]  
FY - A

# OUR TOPPERS

*Congratulations*



## 3rd year

Khan Altamash Akhil - 91.41%

Metakri Sagar Rajaram - 91.41%

Panali Mahamad Kamil Mhosin - 91.18

## 2nd year

Patil Shrutika Tanaji - 90.51%

Joshi Anishka Harish - 87.66%

Koli Pruthviraj Sagar - 84.11%



## 1st year

Bhosale Durwa Dhairyashil - 88%

Basugade Shreyash Mahesh - 86.90%

Chougule Parth Kuldeep - 85.45%

# **PARENTS MEET**

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The civil engineering Department held a Parents Meeting on 20 March 2026. The meeting aimed to provide a collaborative platform for teachers and parents to discuss students' progress and identify ways to enhance their learning experience. Parents were informed about the meeting well in advance to ensure active participation. The event was successfully conducted in the conference hall from 4.00 pm to 6.00 pm. The meeting began with a warm welcome speech by Prof. M.S. Kamble, followed by a department presentation led by the HOD. This was followed by an interactive session with parents and concluded with a Vote of Thanks. After the meeting, parents were invited to visit their ward's classrooms.



Outcomes of the Parent-Teacher Meeting: Facilitated one to-one interaction between parents and class teachers.

Discussions emphasized students' individual strengths and weaknesses in specific subjects, alongside various departmental and institutional activities, including academics, administration, and extracurricular efforts.

Feedback from parents and other stakeholders was collected in hardcopy form for reference. The Civil Engineering Department held a Parents Meeting on 20Th March 2026. The meeting aimed to provide a collaborative platform for teachers and parents to discuss students' progress and identify ways to enhance their learning experience.

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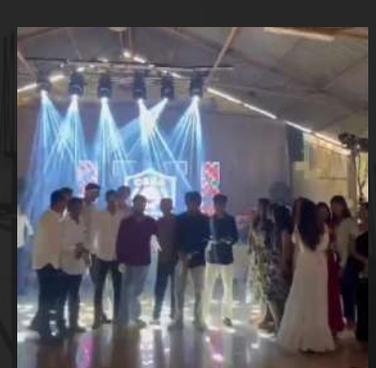
This was followed by an interactive session with parents and concluded with a Vote of Thanks. After the meeting, parents were invited to visit their ward's classrooms. Parents expressed their satisfaction and happiness with the quality of education and care their wards receive in our esteemed institute

# ***FRESHER'S*** **PARTY 2025**

The Civil department's Freshers' Party on 5th October 2025 was a lively celebration filled with engaging performances, music, and fun activities. It marked the beginning of a new journey, bringing students together in a spirit of joy and unity. The crowning of Mr. Fresher and Ms. Fresher added a special touch to the memorable evening



CIVIL  
DEPARTMENT



# **TRADITIONAL DAY** **2026**

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Our college celebrated Traditional Day on March 11th, and it was a vibrant showcase of culture and unity. Everyone dressed in traditional attire, with the girls looking stunning in Maharashtrian outfits adorned with traditional jewelry. The atmosphere was lively, filled with music and dance as various performances, including Dhol Tasha and Lezim, entertained students and faculty alike. The rhythmic beats and colorful outfits created an energetic and festive environment, allowing everyone to embrace and celebrate our cultural heritage. It was a memorable day that fostered camaraderie and pride in our tradition





# **FAREWELL OF TEACHER 2K25**



Nikam Sir has been a dedicated and inspiring teacher in our academic journey. He taught us Civil Engineering subjects like Advanced Construction and other subjects with great clarity and practical understanding, making difficult concepts easy to learn.

He was not only a good teacher but also a supportive mentor who always guided us and motivated us to do our best. His dedication, patience, and encouragement helped us grow both academically and personally.

We are truly grateful to Nikam Sir for his guidance and inspiration. He will always remain an important part of our learning journey.



# **SPECIAL** **INDUSTRIAL VISITS**

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*BMC Visit :*



Industrial visit under subject Building Construction Material on Timber Market & Construction Site. Under guidance of M.S. Kamble Mam.

# **SPECIAL** **INDUSTRIAL VISITS**

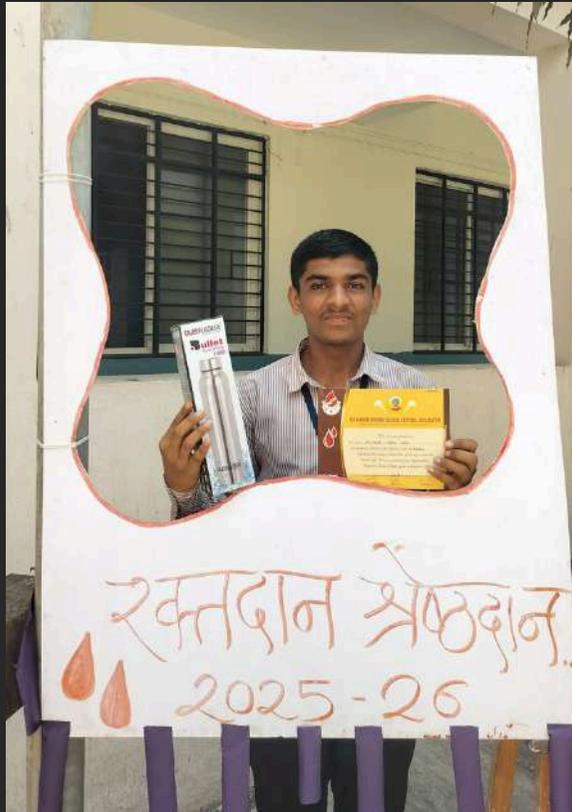
*Irrigation Engg Visit :*



Industrial visit under subject Irrigation engg on Rajaram Bandhara, Bavda under guidance of Dr. K. A. Kolekar.

# DEPARTMENT ACTIVITY (24-MAR-2K26)





The Civil Engineering Department successfully organized a blood donation camp to promote social responsibility and contribute to the community by encouraging students and staff to donate blood for saving lives.



Special Thanks to Shahu Blood Bank for giving this opportunity

# **CIVIL ENGINEERING** **STUDENTS' ASSOCIATION (CESA)**

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The civil engineering Students Association (CESA) is a student-led committee within the Civil department, coordinated by a faculty member. CESA aims to enhance cocurricular activities by organizing various events and initiatives annually, fostering a fun and engaging learning environment. Students are encouraged to volunteer, contributing to event organization, which aids in developing practical skills and confidence essential for professional life. Leadership positions such as president and vice president are elected by the third-year students (TY). In addition to public activities, CESA also addresses the internal needs of Civil department students, creating a supportive community.



Mr. U.P. Mane

# ***CIVIL ENGINEERING*** ***STUDENTS' ASSOCIATION (CESA)***



Mr. Karan Patil  
(President)



Mr. Shreyash More  
(Vice President)



Mr. Bhushan Patil  
(Boy's Secretary)



Ms. Mihira Dabhole  
(Girl's Secretary)



Mr. U.P. Mane



Mr. Avaneesh Sawant  
(CESA Member)

# POETRY BY STUDENT

दुःखी आहे पण कोणावर नाराज नाही  
चीडचीड होतेय पण, राग कोणावर नाही  
जिंकायच आहे सगळ, पण कोणासाठी  
'ते माहित नाही.

जगू वाटत स्वलाःसाठी, पण जीव  
तूटतो दुसऱ्यासाठी

आयुष्य खूप सोपे आहे, पण  
जगता येत नाहीं

लहान् व्हायचे आहे, पण गेलेली  
वेळ परत येत नाही

नेहमी सुखी राहावं वाटेल पण सुख कशात  
आहे हे मात्र कळल नाही....

अपेक्षा कोणाकडून ठेवायच्या नाहीत.....

[ प्रणित पाटील ]

# ***STUDENTS'*** **SNAP'S**



# ***STUDENTS'*** ***SNAP'S***



# **ACHIVEMENTS OF STUDENTS'**



Kabaddi Winners

# ACHIVEMENTS OF STUDENTS'



CHES Runnerups

# ***FROM THE EDITOR***

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Dear Readers,

It is with great joy that I present this year's edition of the Civil Engineering Department Magazine—a dynamic reflection of our journey, accomplishments, and endeavors throughout the academic year 2025-26. This magazine encapsulates the department's vision and mission, emphasizing our commitment to nurturing technically proficient and socially responsible professionals. Within these pages, you will find highlights of expert lectures by industry leaders, industrial visits that provide invaluable hands-on experience. Each of these initiatives plays a crucial role in preparing our students to tackle real-world challenges with confidence and competence.

# ***FROM THE EDITOR***

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Furthermore, we explore the impactful contributions of the Civil Engineering Students Association (CESA), which fosters leadership, teamwork, and holistic development. The magazine also documents a wide array of events, workshops, and competitions that have allowed students to showcase their skills, creativity, and innovative spirit. This edition is a testament to the unwavering dedication and collaborative efforts of our students, faculty, and staff, all of whom strive to uphold the department's commitment to academic and professional excellence. I hope this publication not only informs but also inspires, as we celebrate the achievements and vibrancy of our department's community.

I extend my sincere gratitude to everyone who contributed to making this magazine a reality. Let's continue pushing the boundaries of success and innovation together!

Happy reading!

Warm regards,  
DR. K.A. Kolekar Editor

# **REFLECTIONS ON** **THE MAGAZINE JOURNEY**

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Working on the college magazine was a transformative journey that pushed us beyond our limits. From the initial brainstorming sessions to the final design and content approval, every step demanded creativity, teamwork, and effective communication. Each team member contributed their unique strengths—some excelled in writing and editing, while others focused on design and layout—ensuring that the magazine truly captured the essence of our civil engineering Department.

The process came with its share of challenges. Tight deadlines, last-minute revisions, and coordinating with multiple contributors tested our problem-solving abilities and time management skills. Yet, these hurdles only strengthened our teamwork and reinforced the value of persistence. Through countless discussions and collaborations, we learned to navigate different perspectives while staying true to our shared vision.

More than just a project, this experience fostered a deep sense of camaraderie among us. The magazine became a testament to our dedication and passion. Holding the final publication in our hands was a moment of immense pride—symbolizing not just our hard work but also the unbreakable bond we built as a team.

# **REFLECTIONS ON** **THE MAGAZINE JOURNEY**

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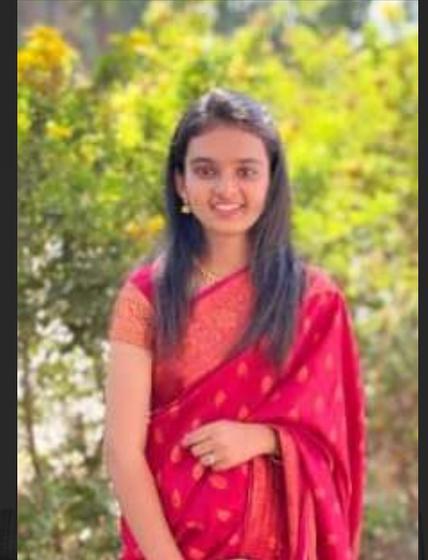
Mr. Avaneesh Sawant



Mr. Pranit Patil



Mr. Ritesh Patil



Ms. Krupa Patil