

“KRITI”

Building the Future



JAYWANT SHIKSHAN PRASARAK MANDAL'S  
RAJARSHI SHAHU COLLEGE OF  
ENGINEERING, POLYTECHNIC  
**DEPARTMENT OF CIVIL ENGINEERING**



**NEWSLETTER- "KRITI"**  
**Vol. – II, ISSUE II – JUNE 2024**

**VISION OF THE INSTITUTE:**

To satisfy the aspirations of youth force, who want to lead the nation towards prosperity through techno-economic development.

**MISSION OF THE INSTITUTE:**

To provide, nurture and maintain an environment of high academic excellence, research and entrepreneurship for all aspiring students, which will prepare them to face global challenges maintaining high ethical and moral standards.

**VISION OF THE DEPARTMENT:**

To develop self-reliant, innovative quality conscious Civil Engineers useful to the Industry and Society.

**MISSION OF THE DEPARTMENT:**

1. To impart quality and real time education to contribute to the field of civil engineering.
2. To impart soft skills and professional ethics among the students for successful career including entrepreneurship.
3. To create mind-set among the students for life-long learning considering social factors.

## Program Outcomes (POs)

**PO1:** Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.

**PO2:** Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.

**PO3:** 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.

**PO4:** Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.

**PO5:** Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.

**PO6:** 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.

**PO7:** Life-long learning: Ability to analyses individual needs and engage in updating in the context of technological changes.

## Program Specific Outcomes (PSOs)

**PSO 1:** Plan, Analyse, design, Prepare cost estimate & execute all kinds of civil Engineering Project.

**PSO 2:** Provide sustainable solutions to the civil engineering problems.

## Program Education Objectives (PEOs)

**PEO1:** Provide socially responsible, environment friendly solutions to Civil engineering related broad based problems adapting professional ethics.

**PEO2:** Adapt state-of-the-art Civil engineering broad based technologies to work in multi-disciplinary work environments.

**PEO3:** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

**Message from Hon'ble Founder Secretary, JSPM's Group of Institutes**



JSPM's Rajarshi Shahu College of Engineering, Polytechnic was established in 2012 with the objective of creating centers of excellence for education in the field of Engineering. The main objective behind starting the institute was to make higher education available to all who are desirous of achieving it. I also visualized that a social transformation can be brought through the medium of dynamic education, JSPM's RSCOE Polytechnic is thus an institution of higher education with social commitment.

With India and Indians, emerging as leaders across various professional sectors, it becomes an even greater challenge for the education sector to nurture and groom such abundant talent, which is all set to take industry's quest for excellence for dazzling new heights. We have created a learning culture, a friendly environment that facilitates complete development of students. Our three pronged focused on knowledge, skill and attitude is aimed at meeting the need of our customer, i.e. the industry. To achieve this, we have handpicked the best faculty from diverse field and expertise. We have invested in state of art facilities infrastructure and skill human resources to supplement the culture and environment of the institute good governance.

Moreover, it's our pledge to change in tandem with the changing requirements of the industry and mold, develop and nurture talent that will make the nation proud. I hope you would be one of those fortunate students who would get an admission to one of our colleges. I am sure that your life at our campus will be academically fruitful and pleasant.

My best wishes to you for all the success in your professional career after graduation.

**Prof. Dr. Tanaji Jayawant Sawant**  
**Founder Secretary**  
**JSPM Group of Institutes**  
**Sr. No. 80, Tathawade, Tal.- Mulshi, Dist. Pune-33**

## Message from Hon'ble Principal, JSPM's RSCOE Polytechnic



It is with great enthusiasm that I greet you through the pages of this edition of our Newsletter. As we continue our journey, I am proud to reflect on the many achievements and milestones that our institution has reached. Our commitment to excellence in education, skill development, and fostering innovation remains stronger. We have seen remarkable growth in both academic and extracurricular dedication and hard work of everyone in our community are truly inspiring, and I thank each one of you for your contributions.

As we move forward, let us continue to strive for academic excellence, embrace new opportunities for learning, and contribute meaningfully to the development of our society. Together, we are shaping the leaders, innovators, and professionals of tomorrow.

I look forward to celebrating our continued success and progress with a lot of best wishes!!!

**Dr. Sarita S. Gaikwad,**

**Principal, RSCOE Polytechnic**

## Message from Hon'ble Head, Civil Department, JSPM's RSCOE Polytechnic



As we step into another exciting semester, I am proud to reflect on the achievements and progress we've made as a department. Our commitment to excellence in teaching and industry engagement continues to pave the way for shaping the future of civil engineering. This newsletter highlights some of our most recent accomplishments, events, and the incredible work our students and faculties are contributing to the field of civil engineering. This is achieved by continuous efforts of staffs and students.

I take this opportunity through "KRITI" to thank all of you from bottom of my heart. I hope this newsletter provides you with a sense of pride in all that we've achieved, and excitement for the future of the Civil Engineering Department.

Thanks and Regards!!!

**Mrs. Leena K. More**

**H.O.D., Civil Department,**

**RSCOE Polytechnic**



## Glimpses of Department

### Expert Lectures

*Expert lectures serves multiple purposes that contribute to student's academic growth and practical understanding of the field. Experts often bring the latest trends, technologies, and industry developments to students, which helps them stay updated and competitive in their field.*

*The following are the Expert Lectures conducted by the department for students in this semester.*

<b>Expert Lecture Topic</b>	<b>Resource Person</b>	<b>Date</b>
<b>Flow through pipes</b>	<b>Mr. S. R. Londhe</b>	<b>09/02/2024</b>
<b>Construction methods of tunnel in hard &amp; soft rock</b>	<b>Mrs. Urmila A. Mahadik</b>	<b>26/02/2024</b>
<b>Tender &amp; Tender Documents</b>	<b>Mrs. Kalpana Patil</b>	<b>06/03/2024</b>



*Expert Lecture on “Construction methods of tunnel in hard & soft rock” by Mrs. Urmila A. Mahadik on 26/02/2024*

## Site Visits

*A site visit for civil engineering students serves multiple educational purposes, helping them connect theoretical knowledge with practical experience.*

*Department has conducted following site visits for students to observe them the real-world application of the principles they study in class.*

<i>Site Visits Conducted</i>	<i>Date</i>
<i>Visit to Green Srushti Foundation, Baner</i>	<i>01/02/2024</i>
<i>Visit to Gargoti Mineral Museum, Nashik</i>	<i>20/02/2024</i>



*Visit to Gargoti Mineral Museum, Nashik on 20/02/2024*

## Co-Curricular Activities

*Co-curricular activities play a vital role in the overall development of students, complementing academic learning and enhancing essential life skills.*

*Following are the activities conducted at department as a part of Co-curricular.*

<i>Activity</i>	<i>Date</i>
<i>Speech Competition &amp; English to Marathi translation on the Occasion of “Marathi Bhasha Divas”</i>	<i>27/02/2024</i>
<i>“Nirmaan”- A Model Making Competition under Tantra Utsav 2K23</i>	<i>21/03/2024</i>



*“Nirmaan” - A Model Making Competition under Tantra Utsav 2K23 on 21/03/2024*

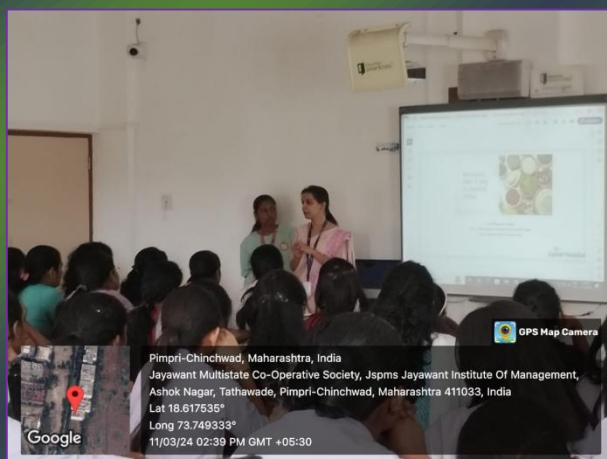


## Social Activities

*Social activities can significantly contribute to student's personal, professional, and emotional development. Through social activities, students have the opportunity to work on essential soft skills such as communication, leadership, teamwork, and conflict resolution.*

*Following Social activities have been conducted in the department :*

<i>Social Activity</i>	<i>Date</i>
<i>Health Awareness Program on the Occasion of Women's day</i>	<i>11/03/2024</i>
<i>Eye Check-up Camp</i>	<i>15/03/2024</i>



*Health Awareness Program on 11/3/2024*



*Eye Check-Up Camp in Association with Nandadeep Eye Hospital on 15/3/2024*

## Achievements

### DEPARTMENT TOPPERS SUMMER 2024 MSBTE EXAM

#### First Year Toppers



**Atharva Bhondve**

**78.33%**



**Shreenivas Banbare**

**76.33%**



**Pruthviraj Waghmare**

**73.00%**

#### Second Year Toppers



**Abhishek Kawade**

**73.38%**



**Namrata Suradkar**

**70.13%**



**Kshitija Kalam**

**69.88%**

#### Third Year Toppers



**Rohit Masure**

**89.84%**



**Sudhir Barpute**

**85.32%**



**Shreyas Bhosale**

**80.79%**

## Ms. Vishakha Shirsat O. has completed 5 day skill development program of civil engineering services



## Ms. Gargi Khadse N. has completed One day faculty development program on IBM



# “KRITI”

*By*

MS. MAYURI MORE

*(Chief Editor)*

ROHIT MASURE

*(TYCE)*

*(Editor)*