



**JSPM's
Jayawantrao Sawant Polytechnic**

Sr. No. 58, Indrayani Nagar, Handewadi Road,

Hadapsar, Pune-411028

Phone No: 020(26970320/26970886/887/888)

Website: jspmispoly.edu.in. Email ID: principal@jspmispoly.edu.in



“TECHNO-SPARK”

By

‘CIVIL ENGINEERING DEPARTMENT’

Newsletter Date: 29th May 2023 (Vol. V)

Chief Editor: Prof. T.D.Sayyad (H.O.D. Civil Department)

Editor: Prof. N. R. More (Lecturer)

Student Editor: Mr. Sangram Kalje

FOUNDER SECRETARY'S MESSAGE

JSPM's Jayawantrao Sawant Polytechnic was established in 2006 with the objective of creating centre of excellence for education in the field of Engineering. The main objective behind starting the institute was to make technical 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, Jayawantrao Sawant Polytechnic is, thus, an institution of technical 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 to dazzling new heights. We have created a learning culture, a friendly environment that facilitates complete development of our students. Our three pronged focus on knowledge, skill and attitude is aimed at meeting the needs of our customers, i.e., the industry. To achieve this we have handpicked the best faculty from diverse fields and expertise. We have invested in state of the art facilities, infrastructure and skilled



**Prof. Dr. T. J. Sawant
Founder Secretary**

human resources to supplement the culture and environment of the institute's good governance. Moreover, it is our pledge to change in tandem with the changing requirements of the industry and mould, develop and nurture talent that will make the nation proud.

Prof. Dr. T. J. Sawant, Founder Secretary, JSPM



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Principal Message



Dr. S. M. Deokar
Principal

It is observed that, the students those who are taking admission in the college are especially from rural areas. It is our duty to provide them skills and knowledge to empower and enhance them to meet their goals and achieve grant success in their career.

So, we have already started such efforts in this direction. I confidently welcome the student and promise them that their future shall be bright, if they are ready to take challenges to become successful professionals, giant leaders, entrepreneurs.

Our team is ready to enhance their qualities which are required to be the best Indian professionals and also encourage them to face rigors in the corporate sector. I always motivate the students by saying, "Try to climb high, wings are waiting for you". Jayawantrao Sawant Polytechnic provides a student-centred learning environment with close student-faculty interaction and constant participation of the industry. The emphasis is purposive curriculum, tailored to the needs of the industry and practical training to enable the young graduate easily cope up with the Challenges as they get into industries through periodic seminars, symposia, workshops, industrial visits and internship as an integral part of the courses, So, gear up for the hard work and I am sure you will enjoy your learning years.

With a lots of Best Wishes....!

DR. S. M. DEOKAR
Principal



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HOD's Desk



**Prof. T.D.Sayyad
HOD**

Department offers Diploma in Civil Engineering with 180 intake capacity. Along with fully equipped Workshop facilities, the department has well equipped Laboratories. The department consists of highly qualified, well experienced and dedicated faculties. Department regularly arranges Expert Lectures and Industrial visits along with workshop and seminars for the development of the students in various field. The department encourages and supports students in extra and co-curricular activities like sports and cultural programmes. We are also focused for the campus placements for our students.

**Prof. T.D.Sayyad
(H.O.D. Civil Department)**



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VISION STATEMENT

“To establish learning environment to reinforce civil engineer who shall maintain professional integrity to serve society with knowledge and skill acquired”.

MISSION STATEMENT

M1.To impart sound theoretical and practical knowledge in the discipline of Civil Engineering, through effective teaching and learning process.

M2.To produce industry and society oriented skillful engineers through co-curricular activities.

M3. To inculcate the moral values amongst student through extra-curricular activities.

CONTENTS

1. Achievements

- i. Staff Achievements
- ii.Toppers In MSBTE Exam
- iii.Students Achievements in Technical Competitions

2. Third Year Students – Project List

3. Co – Curriculum Activities

- i. Industrial Visits
- ii. Expert / Guest Lectures

4. Extra – Curriculum Activities

- i. Tree Plantation on Women’s Day
- ii. Traditional Day Celebration
- iii. Farewell – Third Year
- iv. Alumni Meet

5. Students Articles

- i. Teacher – The Greatest Act of Optimism
- ii. New Technology in Construction – Shaping the Future of Civil Engineering

6. Upcoming Events



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1.Achievements

i. Staff Achievements

- Our department Staff Achievements details of 2022-2023:

Sr. No.	Name of Staff	Type of Activity And details / Name of Publication	Organizing Body or Institute / Publisher
1	Mr. J. S. Shendage	Emerging Trends, Opportunities & challenges – Metro System	TSSM's Bhivarabai Sawant College of Engineerig & Research
2	Mr. Phule A. B.	Emerging trends Opportunities & Challenges- Metro System	TSSM'S Bhivrabai Sawant College of Engineering, Narhe
3	Ms. Gaikwad Samiksha R.	Emerging trends Opportunities & Challenges- Metro System	TSSM'S Bhivrabai Sawant College of Engineering, Narhe
4	Mr. More Shubham R.	Emerging trends Opportunities & Challenges- Metro System	TSSM'S Bhivrabai Sawant College of Engineering, Narhe

ii. Toppers In MSBTE Exam

- The principal and the Head of the Departments congratulated all the Toppers of the MSBTE's Winter-2022 examination in the Department. The Class wise toppers are as under:

➤ FIRST YEAR TOPPERS:

Sr. No.	Student Name	Class	Percentage
01	Kalbhor Chaitanya Anil	FYCE	92.14%
02	Kande Pratiksha Santosh	FYCE	90.71%
03	Kunjir Mansawi Ramdas	FYCE	89.57%

➤ SECOND YEAR TOPPERS:

Sr. No.	Student Name	Class	Percentage
01	Bobade Audumbar Balkrushna	SYCE	77.33%
02	Shinde Shriraj Mahadev	SYCE	76.33%
03	A. Bhadale Yashraj Anil B. Mirekar Pratiksha Sanjay	SYCE	70.67%

➤ THIRD YEAR TOPPERS:

Sr. No.	Student Name	Class	Percentage
01	Kale Abhijeet Ashok	TYCE	91.7%



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02	Bhange Dnyaneshwar Ramchandra	TYCE	88.7%
03	Surnar Sudarshan Bajirao	TYCE	87.5%

iii. Students Achievements in Technical Competitions

➤ Our departmental Students Achievements details of 2022-2023:

Type of activity and details (social)	Date	Name of participating student	Organizing body and organizing institute	Awards (winner and participation)	Level(State/ National)
Poster Presentation	26-08-2022	Arti Choudhari	Anantrao Pawar college of engineering pune	Winner	National
Poster Presentation	26-08-2022	Sarthak Shitole	Anantrao Pawar college of engineering pune	Winner	National
Poster Presentation	26-08-2022	Rutuja Rupnar	Anantrao Pawar college of engineering pune	Winner	National
Poster Presentation	26-08-2022	Om Aglave	Anantrao Pawar college of engineering pune	Winner	National
Project Competition	06-05-23	Abhijit Kale	Anantrao Pawar college of engineering pune	Participant	National
Project Competition	06-05-23	Sudharshan Surnar	Anantrao Pawar college of engineering pune	Participant	National
Project Competition	06-05-23	Jay Kolpe	Anantrao Pawar college of engineering pune	Participant	National
Project Competition	06-05-23	Dnyaneshwar Bhange	Anantrao Pawar college of engineering pune	Participant	National
Model United Nations Competition	24-04-2023	Tejas Shelke	Vishvakarma Institute of Information Technology	Participant	National
Model United Nations Competition	24-04-2023	Harshad Vedpathak	Vishvakarma Institute of Information Technology	Participant	National
Project Competition	25-03-2023	Abhijit Kale	TSSM's Narhe	Participant	National
Project Competition	25-03-2023	Sudharshan Surnar	TSSM's Narhe	Participant	National
Project Competition	25-03-2023	Jay Kolpe	TSSM's Narhe	Participant	National
Project Competition	25-03-2023	Dnyaneshwar Bhange	TSSM's Narhe	Participant	National
Project & Paper Presentation Competition	25-03-2023	Abhijit Kale	MIT	Participant	National



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Project & Paper Presentation Competition	18-04-2023	Sudharshan Surnar	MIT	Participant	National
Project & Paper Presentation Competition	18-04-2023	Jay Kolpe	MIT	Participant	National
Project & Paper Presentation Competition	18-04-2023	Dnyaneshwar Bhange	MIT	Participant	National

2. Third Year Students – Project List

- Our department TYCE student projects details of 2022-2023:

JSPM'S				
JAYAWATRAO SAWANT POLYTECHNIC, HADAPSAR, PUNE				
DEPARTMENT OF CIVIL ENGINEERING				
FINAL PROJECT EVALUATION SHEET				
TYCE A.Y.2022-2023				
Group No	Enrollment No	Roll No	Name of Students	Project Topic
CE01	2007110015	8	Gote Samarth Suresh	Light transmitting from Concrete
	2007110695	36	Kamble Rutuja Santosh	
	2007110006	2	Agawane Abhishek Mahadev	
CE02	2007110033	18	Patil Atharv Kishor	Watershed management
	2007110051	30	Dikonda Sandesh Tirupati	
	2007110011	5	Gavali Govind Ashok	
	2007110018	11	Shende Saurabh Anil	
	2007110008	4	Londhe Krutarth Balu	
CE03	2007110705	42	Gavhane Om Rajkumar	Earthquake resistant building
	2007110042	23	Maniyar Sahil Ayub	
	2007110698	37	Rathod Dinesh Ravi	
	2007110703	40	Sapkal Gaurav Ganesh	
CE04	2007110028	14	Surnar Sudarshan Bajirao	Experimental study on behaviour of pervious concrete
	2007110040	21	Bhange Dnyaneshwar Ramchandra	
	2007110039	20	Kolpe Jay Somnath	
	2007110031	16	Kale Abhijeet Ashok	
CE05	2007110007	3	Mandlik Manav Bharat	Case study on segmental bridge
	2007110026	13	Choudhary Omkar Dnyaneshwar	
	2007110001	1	Sahil Kalidas Shinde	



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	2007110016	9	Gharte Sagar Eknath	
	2007110017	10	Shirke Anisha Sunil	
CE06	2107110547	48	Choudhari Rajendra Rambhau	Waste utilization in preparation of biomass briquette as a source of energy
	2007110699	38	Ghodake Abhishek Siddheshwar	
	2007110704	41	Pawar Ayush Arun	
	2007110707	43	Bhujbal Arya Santosh	
	2007110708	44	Biradar Akshay Kumar Sidaray	
CE07	2107110549	49	Kalje Sangram Anil	Low cost brick
	2007110715	45	Yashraj Harpale	
	2007110701	55	Modak Atharva Bhausaheb	
	2007110052	31	Pawar Abhay Mangesh	
	2007110050	29	Pansare Harshawardhan Mahendra	
CE08	2007110041	22	Tonape Payal Nandkumar	Reuse of domestic sewage water
	2107110550	50	Dube Swapnali Chhagan	
	2107110673	53	Kunjir Aadesh Bhausaheb	
	2007110717	47	Pawar Aditi Nagesh	
	2007110043	24	Saple Shantaram Bhimrav	
CE09	2107110552	51	Sathe Sangharsh Vishnu	Utilization of E waste in concrete and its Environmental Impact
	2007110025	12	Yadav Namdev Hari	
	2107110672	52	Dugane Pratikesh Ram	
	2007110700	39	Mahanwar Akansha Ajay	
	2007110049	28	Suravase Abhishek Ashok	
CE10	2007110433	34	Jadhav Aditya Santosh	Canal lining with different alternative material
	2007110575	35	Shaikh Ayan Najir	
	2007110048	27	Kamble Swapnil Sitaram	
	2007110716	46	Pathare Shanakr Sakharam	
	2007110032	17	Pawar Suraj Gorakh	
CE11	2007110035	19	Pachpute Abhishek Anirudh	Improving the Solid waste management of Handewadi area
	2007110014	7	Autade Adesh Anil	
	2007110030	15	Khedekar Shubham Gajanan	
	2107110710	54	Dayanand Bibhishan Maindad	
	2007110044	25	Ghule Kaustubh Hirakant	

3. Co – Curriculum Activities

i. Industrial Visits

For Second year Students, under the subject of Concrete Technology & Mechanics of Structure, Visit is arranged at **Ganraj Properties, Pune** On 11th March 2023. In this site visit students came to know about components identification and how to execute the work from the drawing sheet to the ground also some



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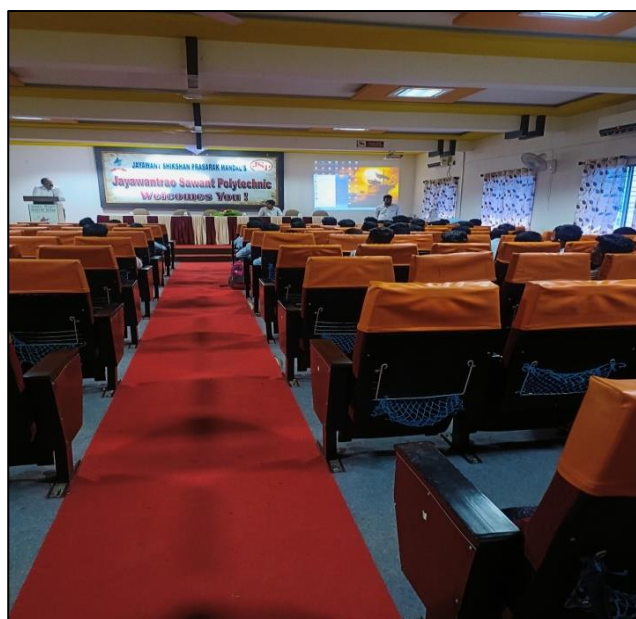
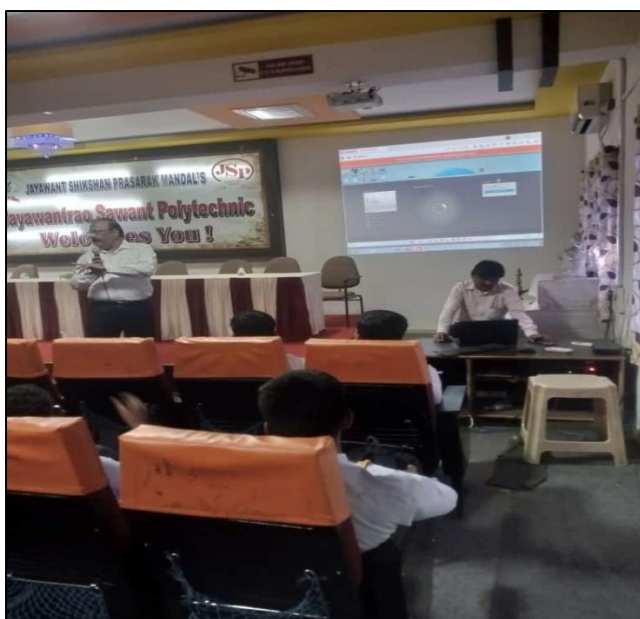


other important points such as plot area, FSI calculation, rate calculation and fixation of the flats. This seminar was helpful to all SY students.



ii. Expert / Guest Lectures

- Department of Civil Engineering conducted a seminar on “**Introduction to software’s in Civil Engineering (Autoscan & Autodesk)**” ‘for Second and third Year students On 27/02/2023 from 2.00 - 4.00 pm. Mr. Nevgi Sir currently working as Managing director, Newton soft. Pvt. Ltd. He has large experience in this field. He has giant clients like Kolte patil developers, Paranjape constructions pvt. Ltd.





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- Department of civil engineer have arranged Seminar on “The Blueprint of Success for Engineers” For FY. Mr. Raghvan Koli was the Chief Guest for this Programme. He delivers seminar on Success for Engineers and How to kill Internet Addictions, Basic observations lead to the inventions. Advantages of 100% Attendance, Attitude: Read and Win and True Stories of Successful Engineers. This seminar was helpful to all FY students.



4. Extra – Curriculum Activities

i. Tree Plantation on Women's Day

- Department of Civil Engineering conducted Tree Plantation on the occasion of **Women's day** at 08/03/2023 from 02:00 pm to 4:00p.m. The students from civil dept. had involved as mentioned. This activity was organized to explore and to build aware about environment. It inspired them to think about nature that “**Trees are responsible for sustaining the environment in several ways.**”





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ii. Traditional Day Celebration

- Department of Civil Engineering celebrated “**Traditional Day**” for First, Second and Third year student on 11/04/2023 from 11.00 pm to 4.30 pm.



iii. Farewell – Third Year

- Department of Civil Engineering and CESA committee organize “**Farewell Party**” for Third year students on 29/04/2024 from 1.00 pm to 4.00 pm. In this Programme students express their views about 3 year’s college journey, share their experience & thoughts to FY and SY students. Those who have something extra talent such as singing, dancing and one act play are performed by students. Some fun games and activities are arranged by CESA Committee to TYCE Students. The entire session came to end by the vote of thanks delivered by Mr. A. B. Phule.





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iv. Alumni Meet

- Department of Civil Engineering Organized “**Alumni Meet 2023**” on 28-04-2023 from 01:00 pm to 4:00p.m in Seminar Hall. In Alumni meet Alumni’s Share their thoughts and experience in their life. After the alumni meet programme refreshment is arranged for alumni’s in canteen.



5. Students Articles

i. Teacher – The Greatest Act of Optimism

A teacher is more than just a professional who imparts knowledge—they are builders of society, shapers of minds, and architects of the future. Especially in fields like Civil Engineering, where precision, discipline, and creativity matter, teachers become guiding lights who help us turn theory into reality and dreams into structures.

The famous quote, “**Teaching is the greatest act of optimism,**” truly reflects the heart of every educator. Each time a teacher steps into the classroom, they believe in something profound: **the potential of their students**. They invest their time, energy, and wisdom in nurturing minds, even when the results may not be immediate. That belief, that trust in students' ability to grow, learn, and succeed, is pure optimism.

Jagtap Karan Raju
(FYCE)

ii. New Technology in Construction – Shaping the Future of Civil Engineering

In Civil Engineering education, theory alone is not enough. Understanding real-world applications, materials, techniques, and challenges is crucial. That’s why **technical visits** are not just optional outings—they are an essential part of learning. A **technical visit** provides students with a live experience of how concepts taught in the classroom are applied on actual sites. For diploma students of Civil Engineering, it opens the door to construction sites, project offices, material testing labs, and



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infrastructure hubs like dams, bridges, or highways. These visits bridge the gap between textbook knowledge and field experience.

Technical visits are a vital step toward becoming industry-ready. They give us clarity, practical insights, and a deeper respect for the profession we are preparing for. It is truly a **“need to understand”**—not just a requirement, but a responsibility.

Bandal Niranjana Rahul
(SYCE)

6. Upcoming Events

- The new academic year 2023-2024 will be start.
- In the month of November the MSBTE's Winter-2023 examination will start.