



**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: 15th January 2025 (Vol. V)

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

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

Student Editor: Mr. Karan Jagtap

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 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**

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.

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1.Achievements

i. Placement Details

- Our department placement details of 2023-2024:

Sr. No.	Name of Student	Company Name	Package
1	Arati Choudhary	Zamil steels ltd ,pune	3.0 LPA
2	Sakshi kamble	Zamil steels ltd ,pune	3.0 LPA
3	Kunal Urankar	Zamil steels ltd ,pune	3.0 LPA
4	Om Agalawe	Zamil steels ltd ,pune	3.0 LPA
5	Pratiksha Mirekar	JKL India India Pvt.ltd ,pune	1.2 LPA
6	Rutuja Rupnar	HPR Synergy	1.8 LPA
7	Saurabh Gholave	Sonai Construction	1.8 LPA
8	Tejas Navale	Sonai Construction	1.8 LPA
9	Yash Dhumal	Sonai Construction	1.8 LPA
10	Chris Joseph	Sonai Construction	1.8 LPA
11	Om Chavan	Shreya Enterprises	1.8 LPA
12	Audumbar Bobade	Shreya Enterprises	1.8 LPA

ii. Toppers In MSBTE Exam

- The principal and the Head of the Departments congratulated all the Toppers of the MSBTE's Summer-2024 examination in the Department. The Class wise toppers are as under:
- **FIRST YEAR TOPPERS:**

Sr. No.	Student Name	Class	Percentage
01	Renake Vivek Arun	FYCE	93.00%
02	Ukani Meet Nilesh	FYCE	88.22%
03	Thool Arya Dhiraj	FYCE	86.67%

- **SECOND YEAR TOPPERS:**

Sr. No.	Student Name	Class	Percentage
01	Kalbhor Chaitanya Anil	SYCE	90.38%
02	Kangude Dnyaneshwari K.	SYCE	89.63%
03	Sarkate Arti Vitthal	SYCE	88.00%



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➤ **THIRD YEAR TOPPERS:**

Sr. No.	Student Name	Class	Percentage
01	Beldar Kalpesh Shantaram	TYCE	88.44%
02	Bobade Audumbar B.	TYCE	87.33%
03	Mirekar Pratiksha Sanjay	TYCE	86.11%

iii.Sports

- We have arranged college level sports event in first week of January 2025 & our students participated in IEDSSA and these are the some of the remarkable achievements of our departments:

Sr. No.	Name of Game	Name of Student	Prize	Level
1	Wrestling (57 - 61 Kg) IEDSSA	Atharva Shete	Runner-up	State
2	Football IEDSSA	Gaurav Naidu	Runner-up	State
3	Shotput (Boy)	Krushna Kamathe	Winner	Institute
4	Javelin Throw (Boy)	Sameer Shaikh	Winner	Institute
5	Discus Throw (Boy)	Prathmesh Biwal	Runner-Up	Institute
6	Chess (Girls)	Manasvi Kunjir	Runner-Up	Institute

2.Department- Curriculum

i. Departmental Laboratories

1. Environmental Laboratory:-

Environmental lab is utilized by the diploma students for Public Health Engineering as in third year. Lab has total cost of 1,68,857/-. Major equipment in this Laboratory are BOD Incubator, COD apparatus, Spectrophotometer, digital DO meter, Flocculator ect.





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2. Surveying Laboratory:-

This laboratory since its inception to the Civil Department carries instruments right from Dumpy Level to advanced Total Station to cater the need of syllabus for diploma students from Second and First year engineering. The laboratory is equipped with instruments like Optical One Second Theodolite and Electronic Total station to be at par with the need of global education system. Total cost of the lab is 6,54,825/-.



3. Strength of Material Laboratory:-

Strength of Material lab is equipped with some major instruments like Universal Testing Machine having capacity 10000 tonne and Compression Testing Machine having 1000 tonne. This lab setup adequately caters to the academic requirements of Diploma students. The setup can also be utilized for consultancy work regarding testing of different material such as Steel, Concrete, etc. Total cost of lab is 1149870/-



4. Concrete Technology Laboratory:-

Experiments of Advances concrete technology for Concrete Technology (TY Civil) are performed. Utilized for Research Project of diploma Students. Spacious well equipped laboratory with provision of safety equipment like fire extinguisher, first aid box etc. Consultancy of Testing material i.e. Cement, Aggregate, Steel, bricks, concrete cubes and Concrete mix design are done. Total cost of lab is 1,42,286/-



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5. Engineering Mechanics Laboratory

This lab is utilized by first year diploma students for the subject engineering mechanics. The total cost of this lab is 56460/-, major instruments in lab are Worm and worm wheel, screw jack, differential pulley block etc.



3.Co – Curriculum Activities

i. Industrial Visits

- On 11 Oct. 2024 Industrial Visit Coordinator and concerned subject teachers visited the RMC Plant RK Associates, Kharadi. The purpose of the visit was to gain practical knowledge about the production, batching, quality control, and transportation of Ready-Mix Concrete. This visit helped us understand the operational and technical aspects of RMC which we study in the classroom.



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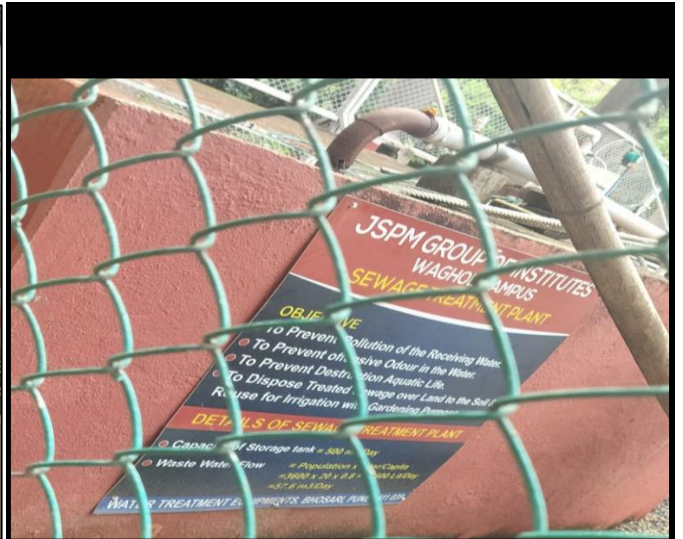
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- On 15th Oct. 2024 Industrial Visit Coordinator and concerned teachers visited the Sewage Treatment Plant at JSPM Wagholi campus Wagholi, Pune. The purpose of visit to find various type of information around the site. The waste water treatment and Components such as Screen, Grit Chamber, Settling Tank and Sludge Digestion Tank & Sludge Drying beds and last is Chlorination. The Object of This Treatment plant to prevent pollution of the receiving water and made the Environmental Healthy.



- Department of CIVIL has successfully organised Visit "ENGINEERING." For TY students on 24/09/2024. At Veer Dam, Veer. This visit is conducted under the subject in Water Resources Engineering. Mr. Shubham Sawant shared his valuable information with the student and also guided them about the proper management of water, how to use water supply for irrigation and Drinking purpose, Flood control and water regulation.



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- On 27 Aug. 2024 Industrial Visit Coordinator and concerned subject teachers visited the Water Treatment Plant with TYCE Students at Water Works (PMC) Pune Cantt, Pune-41 1001. We found various types of information around the site. Water purification and its components such as how to purify the water, with Aeration, Coagulation, sedimentation. clarifloculator, filtration, disinfection and distribution system etc.



ii. Expert / Guest Lectures

- Department of Civil Engineering was organized Guest lecture on "Building Information and Modeling." Under subject 'Building planning and CAD drawing.' For SY students on 26/08/2024. Mr. Aniket Bade Speaker of Building Modeling And information Technique. He shared information about Building Information Modeling (BIM) and workflow process. It's based around models used for the planning, design, construction, and management of building and infrastructure projects. BIM software is used to model and optimize projects by planning, designing, building, and operating BIM models.



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- A Skill development program is organized on 15th of January 2025 by Civil Engineering Department under Training and placement Division on subject Job Application Essentials. Mrs. Gayatri Ballal started lecture with information of skill development and actual skills required for a student after completion of degree. Students also get knowledge of Resume writing and online platforms for different skill development courses.



4.Extra – Curriculum Activities

i. Engineer's Day

Department of Civil engineering have Organized Program on “**Occasion of Engineer's Day**” For department of Civil engineering Students on 14/09/2024. Mrs. T.D.Sayyad addressed students about “**Engineer's Roles in different sectors**” and important aspect of engineers in technology and development of society, Basic observations and skills to lead the business also he added values to be adopted for successful Engineer. The third-year students were delivered speech on Engineers Day.



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ii. Welcome Ceremony for First Year Students

- Department of civil engineering have Organized **“Welcome Ceremony for First Year Students”** on 14/09/2024. The ceremony was graced by presence of Principal Dr. S.M. Deokar & Civil department HOD Mrs. T.D.Sayyad and all the faculty members. The guest addresses students about **“Importance of Civil Engineering Course”** & Overview of first year academic schedule.



iii. Yoga –Day Celebration

- Department of Civil Engineering conducted a **“Yoga Day Celebration”** for all FY, SY & TY students On 21/06/2024.





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iv. Flash Mob

- Department of Civil Engineering conducted a “Flash Mob” on 21/10/2024.



5.Students Articles

i. Industrial Training Experience - Learning Beyond the Classroom

As civil engineering diploma students, our industrial training was more than just a curriculum requirement—it was a turning point in our practical understanding of construction, site management, and engineering professionalism. The experience helped bridge the gap between theoretical concepts and real-world practices. This training gave us exposure to the “**real field**” of civil engineering. It has made us more confident and better prepared for future jobs. It also taught us teamwork, punctuality, and professional ethics—qualities essential for any successful engineer.

Pratiksha Santosh Kande
(TYCE)

ii. Leadership Development

Leadership is not just about managing a team—it’s about taking responsibility, making decisions, and inspiring others to achieve a common goal. As civil diploma engineering students, we are being trained not only as future engineers but also as future leaders who will manage construction sites, lead project teams, and ensure the success of infrastructure development. Leadership development is not a subject we study—it is a quality we build through experience, teamwork, and continuous learning. As future civil engineers, we are not just builders of infrastructure, but leaders of progress

Kangude Dnyaneshwari Krishna
(TYCE)



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iii. Winners Experience In Technical Event

- Participating in a technical event is always exciting, but winning it is truly unforgettable. As civil diploma students, our recent victory in a state-level technical event was not just a moment of celebration—it was a journey of learning, teamwork, and confidence-building.

Winning the technical event taught us that success comes from hard work, creativity, and unity. We thank our faculty, mentors, and classmates who supported us throughout. This achievement has encouraged us to aim higher, think bigger, and lead by example.

Kalbhor Chaitanya Anil
(TYCE)

6. Upcoming Events

- In the month of February Traditional day & Bollywood Day will be Celebrate
- In The upcoming months Women's Day, Labour Day, World Water Day will be celebrating.
- Project Work Review & Internal Viva will be taking in the month of April.
- In the month of April the MSBTE's Summer-2025 examination will start.