



**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: 23th May 2022 (Vol. II)

Chief Editor: Prof. T.D.Sayyad

Editor: Prof. J.S.Shendge, Lecturer

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.

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**



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ACADEMIC ACHIEVEMENTS

- The principal and the Head of the Departments congratulated all the Toppers of the MSBTE's Winter-2021 examination in the Department. The Class wise toppers are as under:

- **THIRD YEAR TOPPERS:**

Sr. No.	Student Name	Branch	Class	Per.
01	Ingole Prathmesh R.	CE (Regular)	TYCE	93.30
02	Bagal Rutuja R.	CE (Regular)	TYCE	88.30
03	Kande Sakshi S.	CE (Regular)	TYCE	87.30

- **SECOND YEAR TOPPERS:**

Sr. No.	Student Name	Branch	Class	Per.
01	Patil Atharv	CE (Regular)	SYCE	85.00
02	Dikonda Sandesh	CE (Regular)	SYCE	83.56
04	Tonape Payal	CE (Regular)	SYCE	83.33

- **FIRST YEAR TOPPERS:**

Sr. No.	Student Name	Branch	Class	Per.
01	Vedpathak Harshad K.	CE (Regular)	FYCE	86.29
02	Ambekar Ujwal S.	CE (Regular)	FYCE	84.71
04	Gaikwad Dhairyashil V.	CE (Regular)	FYCE	83.86

WORD OF HONOUR (WEBINARS)

A Guest lecture was conducted by expertise regarding evaluation of soil profile by using numerical method.

Department of Civil Engineering conducted a seminar on '**Numerical evaluation of soil profile**' for Second Year students On 25/04/2022 from 10:30 am to 11:30pm. Mr. Aditya Desai was the resource person. He has done remarkable work in the field of soil testing under NABL and currently working as an Asst. Professor in PVPIT, Bavdhan.



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In his lecture he briefly explained about various complex problem can faced by site engineer if soil fails. He also revise classification of soil on basis of IS, contributed in knowledge Regarding problem solving in Geo technical engineering by using empirical formulas, as it provides students, knowledge about soil origin, types, properties and measured units required in Geo technical field .

Students got the knowledge about Geo technical Engineering.



A Guest lecturer was conducted by expertise regarding leveling using dumpy level.

Department of Civil Engineering conducted a seminar on '**levelling in basic survey**' for First and Second Year students On 29/04/2022 from 9:00 am to 10:00a.m. Mr .Uday Phatak was the resource person. He has done remarkable work in the field of survey and currently working as an Asst. Professor in PVPIT, Bavdhan.

In his seminar he briefly explained about various complex problem can faced by site engineer while doing survey. He also explain types of survey and contributed in knowledge Regarding problem solving in survey by using rise and fall method, as it provides students, knowledge about levelling, types, how to do temporary adjustment and measured units required in survey field .



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The Guest lecture was conducted by expertise regarding construction techniques and introduction to software's in CM.

Department of Civil Engineering conducted a seminar on '**construction techniques and introduction to software**' for third Year students On 29/04/2022 from 9:30 am to 10:30am. Ms. Shraddha Bendsure was the resource person. She has done remarkable work in the field of construction management and currently working as an Asst. Professor in PVPIT, Bavdhan.

In his seminar she briefly explained about various complex problem can faced by site engineer time management of various activities fails. She also revise type of activities done on site, particular time period required and contributed in knowledge Regarding problem solving in construction management by using empirical formulas of ABC Analysis, EOQ Analysis as it provides students, knowledge about management field .



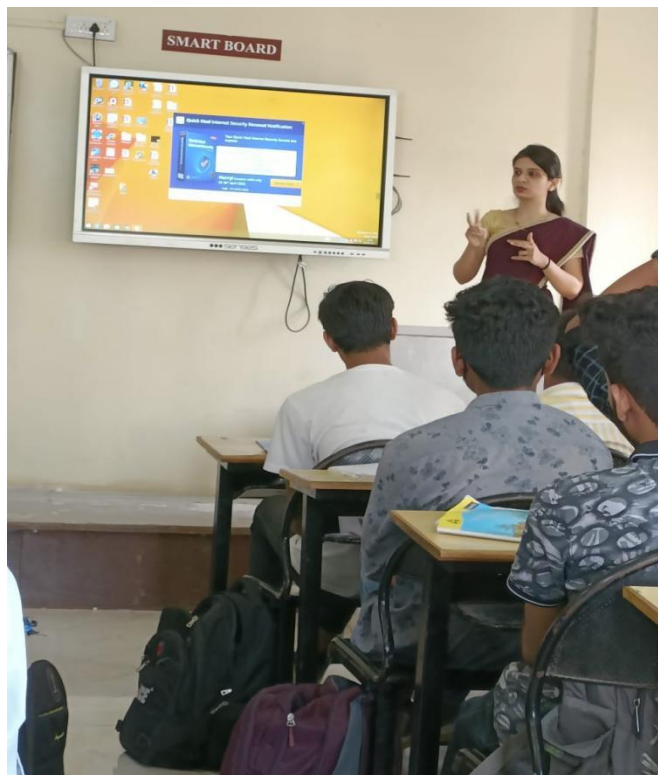
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INDUSTRIAL VISITS

A visit to bridge site was organized on 23rd of April, 2022 by the industrial visit coordinator and respective subject teacher. Before anything, all the precautionary instructions were given to students. The base on the plan, All students gather in class around 8.30 and we have reached site in about half hour. After reaching to the site, short brief introduction about site was given to students and tour around the site was started.

Around the site we are getting informed about different types of bridge and its components, how span length is calculated, different reasons for failure of bridge with actual examples, reinforcement and casting of different components like, Column, Footing, Construction of parapet wall of bridge, etc.



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Visit to construction site was organized on 23rd of April, 2022 by the industrial visit coordinator and respective subject teacher. Before anything, all the safety precautions gave by the faculties such as wearing helmet and proper shoes. The base on the plan, all students gather in class around 8.30 and we have reached site in about 1and half hour. After reaching to the site and meeting with the in charge and guides, a short brief introduction about site was given to students and tour around the site was started.

Around the site we are getting informed about different types of construction materials , how they are used ,precautions while using and storage of materials , different components of building , reinforcement and casting of different components like Beam ,Column, Footing , Construction of walls , type of brick bonds ,curing processes , storage of construction materials etc.



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Visit to BAIF site was organized on 23rd April, 2022 by the industrial visit coordinator and respective subject teacher. Before anything, all the precautionary instructions were given to students. The base on the plan ,All students gather in class around 08:30am and we have reached site in about one & half hour. After reaching to the site, short brief introduction about site was given to students and tour around the site was started.

Around the site we got information about different types of waste management and its components like, how to dispose waste, with actual examples, vermicomposting, Biogas, etc.





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SPECIAL ACTIVITIES

Sr. No.	Name OF Activity	Branch	Class	Number of Paper Published
01	Paper Publication	CE (Regular)	TYCE	20

Sr. NO.	Name of Student	Name of Event Arranged	Title	Level	Rank
1	1) Ingole Prathmesh 2) Kedari Piyush 3) Shaikh Mazain	Akhil Bhartiya Maratha Shikshan Parishad's Anantrao Pawarcollege of Engg.& Research Parvati, Pune.	Project Presentation Competition	National	First
2	1) Gote Samarth 2) Kale Abhijeet 3) Kolpe Jay	A.G. Patil Poly.Instt. Solapur.	Paper Presentation Competition	National	Second
3	1) Kamble Rutuja	Aanasaheb Magar College, Hadapsar,Pune	Dance Competition	National	First



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4	1) Kokani Harish 2) Barge Omkar 3) Kadale Suraj	Sveri's College of Engg., Pandharpur.	Poster Presentation	National	Second
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