



T.S.S.M
INSTITUTES



**THE SHETKARI SHIKSHAN
MANDAL'S
BHIVARABAI SAWANT
COLLEGE OF ENGINEERING &
RESEARCH POLYTECHNIC , NARHE
(PUNE)
NEWSLETTER OF MECHANICAL
DEPARTMENT**

INSTITUTE VISION

To develop globally competent engineers for techno-economic development of society.

INSTITUTE MISSION

To provide, nurture and maintain an environment of academic excellence, research and entrepreneurship for aspiring engineers to meet global challenges ethically.

PRESIDENT'S MESSAGE



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

Minister of Public Health and Family Welfare Govt. of
Maharashtra

“Bhivarabai Sawant College of Engineering and Research Polytechnic are carrying on the tradition and coming with ‘Akshardhara 2018’, a half-yearly newsletter. It is a medium through which BSCOER polytechnic can express their achievements. At TSSM’s BSCOER Polytechnic talent and ambitions

PRINCIPAL'S MESSAGE



DR NITIN KARDEKAR

Presently the Institute is offering four diploma level courses as Mechanical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering .The Institute is committed to produce Engineers with multidimensional personality. We facilitate our students to excel academically and to develop their personalities in all above diverse fields. Our qualified and dedicated faculty has a passion to pass on this enthusiasm to each student and to inculcate in them the spirit of curiosity and learning. I assure that every student will have comfortable stay in our campus and will reach to new height of excellence.

DEPARTMENT VISION

Produce comprehensively trained socially responsible, innovative Mechanical Engineers to contribute to the techno-economic development.

DEPARTMENT MISSION

To provide, conducive environment for academic excellence and entrepreneurship to aspiring diploma engineers aware of social, environmental, ethical responsibilities and capable of creating or disseminating knowledge updated with latest trends in the fast growing technology.

HOD MESSAGE



The department of Mechanical engineering is putting the best efforts to make students with sound technical foundation in Mechanical Engineering. Mechanical engineers use the principles of energy, materials and mechanics to design and manufacture machines and devices of all types. The department aims to provide environment for idea building and its implementation to boost students' confidence and make them employable. The faculty aims at putting extra ordinary effort towards motivating the students by arranging various guest lectures, expert lectures, projects, industrial visits and in-plant training. The Department has well equipped laboratories for the students and workshop with modern equipment.

NBA



**“SPECIAL ACHIEVEMENT
FOR NBA ACCREDITATION
FOR ACADEMIC YEAR 2022-
23 TO 2024-25 AWARDED BY
HON. DR. T. J. SAWANT SIR”**

PLACEMENTS

We are happy to state that the Institute has very nice record of placement of the students. Some of the students choose to go for the higher education and remaining students are placed in the industry. The institute has tie-up with the well-known companies. Some of the prominent recruiters are Alacrity Engg. Service Pvt. Ltd., SAVI TOOLING, GTL Ltd., PIAGGIO Vehicles, Valeo India Pvt. Ltd., Tata Motors, TCS, Opulant, Rinder, BSA, Eaton etc. To handle all the activities regarding the placement the Institute has the separate 'Training and Placement Cell'. In the Academic Year 2023-24 more number of students are placed in various companies.

TSSM's
BHIVARABAI SAWANT COLLEGE OF ENGINEERING AND RESEARCH POLYTECHNIC, NARHE, PUNE-411041
(NBA ACCREDITED INSTITUTE)

TRAINING & PLACEMENT CELL

Heartiest Congratulations!
For Getting Placed in
APTIV COMPONENTS
INDIA PVT LTD
• APTIV •
With the Highest Package
6 LPA

Shrikant Kumbhar
Diploma Electrical Engineering

Atharva Nangade
Diploma Mechanical Engineering

TSSM's
BHIVARABAI SAWANT COLLEGE OF ENGINEERING AND RESEARCH POLYTECHNIC, NARHE, PUNE-411041
(NBA ACCREDITED INSTITUTE)

DEPARTMENT OF MECHANICAL ENGINEERING

for being selected in
SCHNELLECKE-JEENA LOGISTIC PVT LTD
with Package **2.5 LPA**

Abhishek Narute
Atharva Paigude
Ayush Pawar
Pranav Dhonde
Pavan Petkar
Swapnil Kambale

#Placement 2024 @ www.tssm.edu.in

TSSM's
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(NBA ACCREDITED INSTITUTE)

DEPARTMENT OF MECHANICAL ENGINEERING

Heartiest Congratulations!
for being selected in **SKF India Ltd** with Package **2.1 LPA**

ABHJEET PAWAR **ATHARVA NANGADE** **ATHARVA PAIGUDE** **AYUSH PAWAR** **HARSHAD NALAWADE** **MAHESH SHINDE** **PRANAV PETKAR** **PRATHAMESH PAWAR**
SADHUSHARAN DAS **YASH SANSAMKAR**

#Placement 2024 @ www.tssm.edu.in

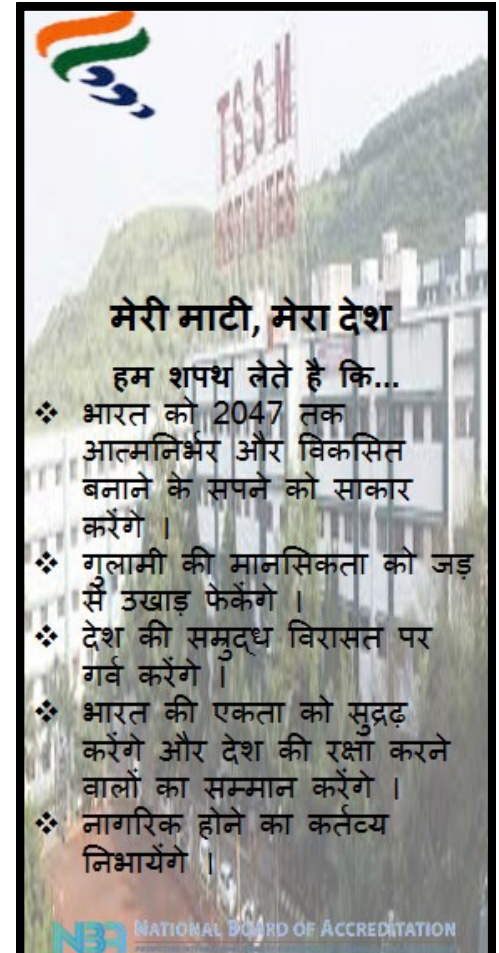
EMERGENCY DISASTER RESPONSE WITH FIRE SAFETY MOCK DRILL



A fire mock drill is a simulated exercise designed to practice and evaluates the response of individuals and organizations in the event of a fire emergency. It helps test evacuation procedures and the effectiveness of emergency response plans. Mock drills simulate real-life scenarios, allowing students, staff and faculty to practice their response in a controlled environment. Keeping all these important aspects in view, BSCOER Polytechnic has organised a Training on "Emergency Disaster Response with Fire Safety Mock Drill" on Fri. 13th Oct 2023 for students, staff and faculty of the Institute.



MERI MATI MERADESH ACTIVITY



TSSM Bhivarabai Sawant College Of Engineering & Research Polytechnic, Narhe-41, Pune celebrated "Meri Mati Mera Desh" at TSSM Basket Ball Court at 10.00 am on the 09th August 2023.

CERTIFICATE OF APPRECIATION

PROUDLY PRESENTED TO

TSSM's BSCOER, Pune

FOR TAKING PART IN
MERI MAATI MERA DESH PROGRAMME



TSSM Bhivarabai Sawant College Of Engineering & Research Polytechnic, Narhe-41, Pune celebrated "Meri Mati Mera Desh" at TSSM Basket Ball Court at 10.00 am on the 09th August 2023. The Guest for the day was - Prof. S. J. Joshi (Principal-Polytechnic) Dr. G. A. Hinge (Principal- Engineering) , Event Coordinator , all Dept. HODS & staff members also Students were part of the program.

VISIT AT 'PIMPRI CHINCHWAD SCIENCE PARK'



Department of Mechanical Engineering JSPM - TSSM's Bhivarabai Sawant College of Engineering and Research organized a Study Visit at 'Pimpri Chinchwad Science Park' on 18th Sep 2023. (AY 2023-24)

VISIT AT 'SEINUMERO NIRMAN PVT. LTD.'



Department of Mechanical Engineering JSPM - TSSM's Bhivarabai Sawant College of Engineering and Research organized a Study Visit at 'Seinumero Nirman Pvt. Ltd.' on 14th Oct 2023. (AY 2023-24)

VISIT AT 'KAKADE LASER.'



Department of Mechanical Engineering JSPM - TSSM's Bhivarabai Sawant College of Engineering and Research organized a Study Visit at 'Kakade Laser.' on 18th Oct 2023. (AY 2023-24)

"VISIT AND EXPLORE THE FUTURE OF DEFENCE"



Department of Mechanical Engineering JSPM - TSSM's Bhivarabai Sawant College of Engineering and Research organized a Study Visit at "Visit and explore the future of Defence" on 24th Feb 2024. (AY 2023-24)

VISIT AT 'BHATGHAR DAM.'



Department of Mechanical Engineering JSPM - TSSM's Bhivarabai Sawant College of Engineering and Research organized a Study Visit at 'Bhatghar Dam' on 5th March 2024. (AY 2023-24)

PARENTS MEETING



**Department of Mechanical Engineering JSPM -
TSSM's 7 organized a Parents Meeting on 14
Mar 2024 (AY 2023-24)**

GUEST LECTURE



Guest Lecture was conducted by the department of Mechanical Engineering JSPM - TSSM's Bhivarabai Sawant College of Engineering and Research on 09 Mar 2024 from 10.30 am to 12.30 pm. Chief guest Mr. Prashant Maitraya has taken a lecture on topic "Career counseling" for second year and third year student.



Guest Lecture was conducted by the department of Mechanical Engineering JSPM - TSSM's Bhivarabai Sawant College of Engineering and Research on 28 Mar 2024 from 10.30 am to 12.30 pm. Chief guest Dr. A. D. Divate has taken a lecture on topic "Fundamental Theory of Machine" for second year and third year student.

SPORTS ACTIVITIES

1

Annual Sports - Football

Leadership, Team building & Team Work these terms BSCOER Polytechnic not only want in textbooks of management that's why we inculcate this in our annual sports.



2

Annual Sports - Volleyball

Leadership, Team building & Team Work these terms BSCOER Polytechnic not only want in textbooks of management that's why we inculcate this in our annual sports.



3

Annual Sports - kho kho

Leadership, Team building & Team Work these terms BSCOER Polytechnic not only want in textbooks of management that's why we inculcate this in our annual sports.



ANNUAL GATHERING



The Annual Day Celebration was held at our TSSM's Bhivarabai Sawant College of Engineering and Research on 25th January 2024. The event was a grand success, showcasing the talents and achievements of our students and fostering a sense of community and pride among the participants.

MICRO PROJECT COMPETITION



The Micro Project Competition was held at our TSSM's Bhivarabai Sawant College of Engineering and Research on 20th October 2024. The event was a grand success.

HANDWRITING COMPETITION



The Handwriting Competition was held at our TSSM's Bhivarabai Sawant College of Engineering and Research on 12th September 2024. The event was a grand success.

BOOKLET COMPETATION



The Booklet Competition was held at our TSSM's Bhivarabai Sawant College of Engineering and Research on 12th September 2024. The event was a grand success.

CADTHON 2024



The Cadathon competition is based on Computer Aided Designing software. We will provide drawings related to civil or mechanical engineering. You need to draft the same drawing on software like Autodesk Fusion 360, and Solidworks as per your convenience. 2D or 3D models can be given as questions with specified dimensions and labels.

BLOOD DONATION CAMP



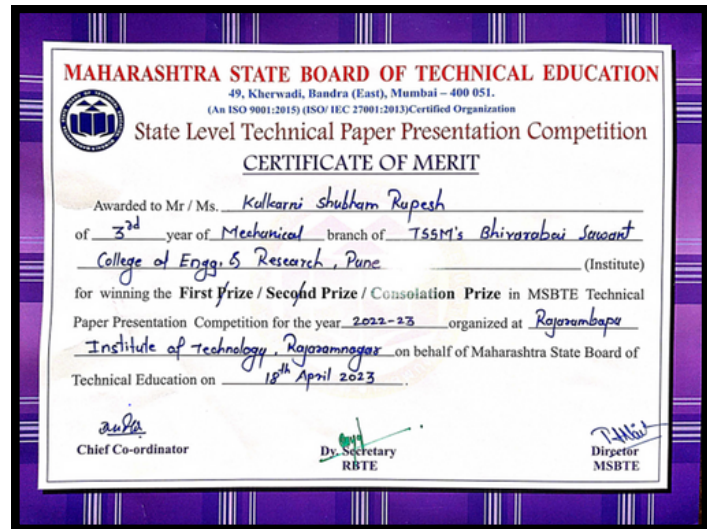
Department of Mechanical Engineering and other all dept. had organized Blood Donation Camp on 29 th Nov 2023. There are all Mechanical department students and all other students participated this event.

TEACHER DAY CELEBRATION



Department of Mechanical Engineering and Teacher day celebration other all dept. had organized on 5 Sept, 2023. There are all Mechanical department students and all other students participated this event.

STUDENT ACHIEVEMENT



3rd Rank in MSBTE Paper Presentation held at RIT, Islampur, sangli



Awarded to sarthak chavan for winning 3rd rank in race 1st and 2nd rank in race 2nd in FIM ASIA Road Racing Championship 2024.