



JSPMs Jayawantrao Sawant College of Engineering Hadapsar



Mechanical Engineering Department



Estd. 2004

DTE Code.: 614561210

Important Features: -

- 1. Experienced and qualified faculty members (average experience is 7 years).**
- 2. Excellent teaching learning platform: Use of LMS-Moodle, YouTube channels of faculty members.
e.g., bit.ly/thermalengg, bit.ly/kadamacademy,
bit.ly/mechthermal002**
- 3. Students clubs for co-curricular activities.**
- 4. Good Eco system for placement activities.**
- 5. Financial and technical support to develop entrepreneurship and startup skills**

For More information Visit

<https://www.jspmjscoe.edu.in/>

College Code:- 6145



About Department

JSCOE Mechanical Department was established in 2004 offers UG, PG & Ph. D. programs. This department is specially known for excellence in academics, acquiring research projects & placements. The department has bagged gold medals in the university examination for three consecutive years and created a record. The Department has well equipped laboratories including a state- of - art research center. Every year the projects accomplished in the club are sent for National & International project competitions. The Mechanical Department has won several National Level Project Competition awards like; Most Popular Project Award 2022 (Prize of Rs. 10 Lakh) - KPIT, Platinum Award 2022 “ Auto India Racing Championship 2022” Runner Up and . . , et c Student s are placed in core companies like Tata Motors, Piaggio, John Deere, Vishay as well as software industries like TCS, Infosys, Capegemini, Wipro , L&T etc. with a highest package of 7.5 lakhs per year and an average package of 3.50 Lakhs per year.



Dr. R. D. Kanphade
Principal



Dr. P. A. Patil
Head of Department



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



VISION

“To be recognized globally as a center of quality education and research for aspiring mechanical engineer to cater the ever-changing demands of industry and society.”

MISSION

- M1. To develop responsible mechanical engineers with strong technical skills to meet the needs of the profession and society.**
- M2. To develop problem solving and research ability in Students' to meet needs of demanding challenges of society and other interdisciplinary areas.**
- M3. To inculcate moral values, leadership and professional skills for a long productive and influencing professional career.**



Faculty Achievements[Last 5 Years]



Dr. P. A. Patil (HOD Mechanical) facilitated for Appointment as SPPU BoS Chairman in Mechanical Engg. by Hon'ble Dr. T. J. Sawant (Health Minister, Govt. of Maharashtra)

- **Faculty Contributing in SPPU Paper Setting, Curriculum Enrichment Programs etc.**
- **Well Qualified & Experienced Faculty**
- **Ph.D.-07 & Ph.D. Pursuing-02 & M.E./M.Tech-15**
- **Digital Smart ICT enabled Classroom**
- **Moodle –LMS(Learning Management System)**
- **Skilled Supporting Staff**
- **Well Equipped Laboratory**
- **Research Paper Published -68**
- **Patent Filed-8**
- **Book Published-11**
- **Received Grants from DST, ISRO, ISHRAE, ASHRAE worth Rs 70 lakhs.**
- **MoU with Industries- 15**

Startup at JSCOE- Cerebrospark Innovations



**Inauguration of Workspace For Drone Startup By
Hon'ble Giriraj Sawant (Secretary TSSM)**



Facilities provided to students in order to support them for their startup.

Start Up at JSCOE- “Cerebrospark Innovations”



Mihir Kedar - Founder & Director [Left]
Ganesh Thorat - Founder & Director [Middle]
Rushikesh Sonawane - Director [Right]



Govt of Bihar (Project Sanction 1.2 Crore) :- Drone Manufacturing For Surveillance and Monitoring of Country Liquor for Excise, Prohibition and Registration Dept. Gov Bihar.

Start Up at JSCOE- “Cerebrospark Innovations”



**MoU between “Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani”
and Cerebrospark Innovations Pvt Ltd on 04 May 2024**



**Innovation under the Supremacy of G20 at Aakashwani Pune and Auto
Cluster Development and Research Institute, Pune.**

Start Up at JSCOE- “Cerebrospark Innovations”



Hon'ble Cabinet Minister Dr. Tanaji Sawant Saheb appreciated new product “CS Krishi Drone” during Sevakmelava 2024 at JSPM Hadapsar Campus on 27 Jan 2024

Start Up at JSCOE- “Cerebrospark Innovations”



MoU between “Tehri Hydropower Development Corporation - Institute of Hydropwer Engineering & Technology (THDC - IHET)” & Cerebrospark Innovations Pvt. Ltd.



Won First Prize at Entreprenex 2024, a Startup Fest organized by JSPM University, Wagholi on March 2nd and 3rd, bagging 5 lakh cash prize on 03 Mar 2024

Start Up at JSCOE- “Cerebrospark Innovations”



Inauguration of “Cerebrospark Academy Lab” at AISSMS IOIT in presence of Hon'ble Higher Technical Education Minister Shri. Chandrakant Dada Patil

High-tech drone dream takes flight

The enterprise wants to make drones available and accessible to all
Said Utkarsh

PUNE: From humble beginnings as a group of young engineers with a shared passion for drones, Cerebrospark Innovations LLP (CSII) has carved its niche in the fast-growing drone technology landscape. The team embarked on a mission to create a 'smart boy-like drone' that would make the imaginations of their fellow engineers.

Ganesh Thorat and Mihir Kothar, co-founders of CSII, have now established themselves as leading manufacturer and provider of drone-based solutions with applications in agriculture, surveillance, and delivery sectors.

In the beginning
Ganesh and Mihir are mechanical engineers from JSPM's Jayawantrao Sawant College of Engineering in Hadapsar. Coming from a tier-3 city like Solapur, Ganesh never had exposure to national-level competitions or hackathons for students. So, after coming to Pune for his mechanical engineering education, Ganesh observed for the first time how students do engineering projects or participate in various competitions.

Ganesh said, "You join from our college won the Smart India Hackathon and I saw how get wide coverage in the TV. I had done small projects, but in the second year, I decided to do a big project. I spoke with our faculty and seniors from college and they connected me with Mihir who was studying in his first year of mechanical engineering. Including us both, we formed a team of nine enthusiastic students, who would work on a project. I came up with the idea of making a drone. This was in 2018."

"Our team began basic research by browsing the internet about how drones work and how we can make one. We all were from the mechanical branch, and our college did not have an aerospace facility. So, our

Problems in agriculture

- Lack of manpower
- Excess use of water and fertilizers in field
- Time consuming
- High human risk
- Non-uniform spray
- High operational cost
- High labour cost
- Low operational efficiency

Solutions by CS Krishi

- Disease identification
- 95 per cent reduction in water usage
- No risk
- 98 per cent reduction in time required for spraying
- Uniform spray
- No labour required
- High operational efficiency
- ₹500 to ₹800 Cost of spraying per acre
- ₹600,000 to ₹1,000,000 selling cost per drone

Cerebrospark Innovations

- Drone manufacturing
- Technology enhancement
- Flexible models for spraying various crops
- Seed sowing, attachment
- Sapling sowing attachment
- Granular fertilizer spreading attachment
- Drone Pilot Training
- Two pilots will be trained and given DGCA authorized remote pilot certificate
- Maintenance
- Basic maintenance of drone every 3 months
- Battery maintenance every 6 months
- Franchise Model
- One CS-BR300 will be deployed in a village and two people will be employed there to operate the drone
- One Stop Solution
- Educating Farmer
- Crop analysis
- Disease identification
- Field mapping
- Crop monitoring
- Spraying
- Sowing
- Planting

Drone Training

- Manufacturing with at Hadapsar
- 40+ Total drone sales
- 70+ Number of drones manufactured
- 200+ 6 months Farmer customers
- 5000+ Drone flights
- 25 Team strength
- Operations - Maharashtra, Bihar, Delhi

Competitors

- Marut Drones
- Garuda Aerospace
- IoTechWorld

Market Size

MAHARASHTRA	INDIA
CROPS	PERMISSION
Soybean 40	90 per cent in green zone (no permission required to operate drone)
Cotton 40	Drone market 12,000 cr (2020) - 20,000 cr (2025) (expected)
Sugarcane 50	Employment potential 3 lakh people employed in manufacturing and drone flying
Onion 35	
Rice 14	
Coconut 16	
Total 201	

Funding

Revenue ₹25 lakh FY 2020-2021
Revenue ₹3 lakh FY 2021-2022
Revenue ₹6 lakh FY 2022-2023
Revenue ₹1.2 crore FY 2023-2024

Angel investment: ₹55 lakh
Bootstrapped

Revenue Streams

- Drone Manufacturing and Sales
- Drone Services
- Drone Training

Drone Training

CSII has started a new company for training and licensing purposes. Whenever purchase a drone from us, we have the option of getting trained from us and servicing and maintenance of drones. Most international manufacturers are unable to provide after-sales service and hence this could be our advantage.

Competitive edge
Ganesh and Mihir started exploring the government sector for drone applications. They came to know about a tender floated by the Bihar government for surveillance of illegal liquor-related activities. A company from Bihar won the bid and secured it in CSII, but the entrepreneur had experienced several problems while dealing with them. Ganesh said, "Mihir was appearing for his final exams, and we both had to go to Bihar to deploy the solutions. The Bihar-based company delayed our payments which created a lot of problems for us. We were in debt and depressed. But then after a few months, in the new round, we applied for the tender on our own and got selected."

Abhishek Rathi from Pune helped us with the funding this time, which empowered us to navigate through the crisis. We have also created a command control centre for the live

Drone training
Ganesh also emphasised the need to train end users to use the drones in agriculture sector. "We have started a new company for training and licensing purposes. Whenever purchase a drone from us, we have the option of getting trained from us and servicing and maintenance of drones. Most international manufacturers are unable to provide after-sales service and hence this could be our advantage."

Market Size

MAHARASHTRA

CROPS	LAND IN (LAKH HECTARE)	SPRAY / YEAR
Soybean	40	8
Cotton	40	8
Sugarcane	50	2
Onion	35	2
Rice	14	4
Coconut	16	70
Total	201	95

INDIA

PERMISSION

90 per cent in green zone (no permission required to operate drone)

Drone market

12,000 cr (2020) - 20,000 cr (2025) (expected)

Employment potential

3 lakh people employed in manufacturing and drone flying

Drone training

CSII has started a new company for training and licensing purposes. Whenever purchase a drone from us, we have the option of getting trained from us and servicing and maintenance of drones. Most international manufacturers are unable to provide after-sales service and hence this could be our advantage."

Media Coverage

Start Up at JSCOE- “ELESIPA”

Founder and CEO of FERMI Automotive - ELESIPA

www.elesipahev.in
www.elesipahev.in
7498378219

Prathamesh Choudhary



ELESIPA
ELECTRIFYING INDIA™

Making of First Prototype



Patent Document



ELESIPA Features and Benefits

Runs 60 km in just ₹5!

- Independent and Combined Petrol and Electric Drive.
- Switch to Petrol Engine if Battery runs out.
- Top speed 60 km/hr in Pure Electric Drive.
- In a Single Charge it goes 60 km.
- Double the Mileage with Electric and Petrol Engine, which is 120 km / (charge + liter).
- Portable Battery can be Charged anywhere.
- No changes required in the vehicle for installation.
- Available service stations and 2 years of free service !
- Safest Battery Composition ever.
- Saves Rs. 60,000 per year.

Startup of Hybrid Electric Vehicle Manufacturing with Assembly Line



JSPM's Jayawantrao Sawant College of Engineering, Pune

First ever Assembly Line in college in India

ELESIPA Proposed Assembly Line





For more information visit our website or scan QR code.

www.elesipahev.in










JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



Start Up at JSCOE- “ELES PA”



CEO Insight Published Magazine on the Cover Page for Top 10 Best Startup CEO's in 2022.” from all selected Top 10 Best Startup CEO's from India

Start Up at JSCOE- “ELESPIA”



Platinum Award winner with Rs.10 Lakh Cash Prize of KPIT SPARKLE 2022



Hon'ble Cabinet Minister Dr. Tanaji Sawant felicitated Startup ELESPIA For Platinum Winner in KPIT 2022

Start Up at JSCOE- “ELESPIA”



Won cash Prize of Rs. 2 Lakh
VOIS Tech
Innovation Marathon 2022

Winner of TECHTATVA 2022
State Level Technical Event



Research Facilities



Subsonic Flow Wind Tunnel Test Setup



Research Engine Test Setup



FFT Analyzer



High Vacuum Pump & Diffusion Pump



Compressor Calorimeter Test Rig

ASHRAE/ISHRAE Club



“ASHRAE Club Students’ from Mechanical Engineering Department have rewarded the Prestigious Research Grant of \$5000 from ASHRAE, USA”.

- **Project Advisor:**
Dr. P. A. Patil
(HOD Mechanical Engg.)
- **Project Title: Design & Development of Liquid Desiccant Air Conditioning**



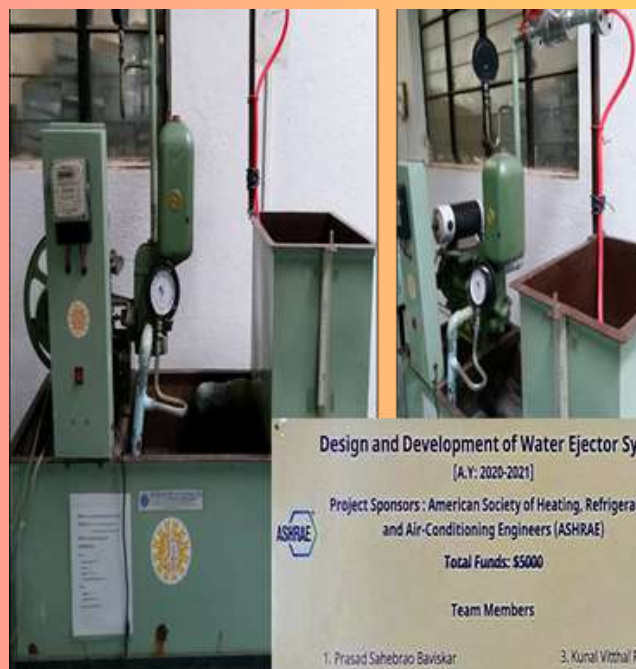
“ASHRAE Club Students’ from Mechanical Engineering Department have rewarded the Research Grant of Rs. 70000 from Tirupati Enterprises Solutions”.

- **Project Advisor: Prof. L.N. Mane**
- **Project Title: Performance Testing of Phase change material in Refrigerator**



“ASHRAE Club Students’ from Mechanical Engineering Department have rewarded the Prestigious Research Grant of \$5000 from ASHRAE, USA”.

- Project Advisor: Dr. P. A. Patil (HOD Mechanical Engg.)
- Project Title: Design and Development of Liquid Desiccant Refrigeration System



“ASHRAE Club Students’ from Mechanical Engineering Department have rewarded the Prestigious Research Grant of \$5000 from ASHRAE, USA”.

- Project Advisor: Dr. P. A. Patil (HOD Mechanical Engg.)
- Project Title: Design & Development of Compressor Ejector Refrigeration System Setup.

OUTDOOR AIR PURIFIER MACHINE



Product Description

It is trolly mounted portable Air purification machine

- Product Size :- 5 ft* height ,1 sq. ft. cross section
- Filtration technique :-HEPA filter
- Usage :- Outdoor
- Weight :- Less than 20 kg
- Energy Input :- 1 HP
- PURITY LEVEL
- HCHO :- 0 mg/m³
- TVOC :- 0 mg/m³
- PM2.5 :- 26 ug/m³
- PM1.0 :- 19 ug/m³
- PM10 :- 30 ug/m³
- Range of Purity :-Within a radius of 30 ft.
- Time Required for Purification :- 15-20 min. depending on pollution level

“ASHRAE Club Students’ from Mechanical Engineering Department have rewarded the Prestigious Research Grant of 2 Lakhs from JSPM”.

- Project Advisor: Dr. P. A. Patil (HOD Mechanical Engg.)
- Project Title: Outdoor Air Purifier Machine during A Y 2023-24

AIR TO WATER MACHINE

Product Description

Atmospheric air to water generation machine can extract water from dry climate



- Product Size :- 2 ft x 2ft x 4 ft height
- Water Extraction Rate :- 10-15 lit/hr
- Approx. water Cost :- Rs 8 per litre *
- Humidity Range Reqd. :- 40 to 60 % RH
- Total Energy Input (Approx.): - 5kW
- Price :- 4 lacs per unit

*Based on Electricity Consumption

System can Work on Solar ,Electricity and Hybrid Mode (For 100 Litres/Day Capacity)

- Space Required : 1500 sq. ft.
- Solar Panel Capacity : 1.5 kW
- Cost of Solar System : 5 Lacs
- Payback Period : 5 years

“ASHRAE Club Students’ from Mechanical Engineering Department have rewarded the Prestigious Research Grant of 2 Lakhs from JSPM”.

- Project Advisor: Dr. P. A. Patil (HOD Mechanical Engg.)
- Project Title: Air to Water Machine during A Y 2023-24



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



ASHRAE/ISHRAE Club



**Industrial Visit Organized for BE Students at Deenanath Mangeshkar Hospital
Pune under ASHRAE Club on 14 Oct 2023**



**Industrial Visit organized at Jai Jinendra Cold Storage For ASHRAE Club
Students on 25 Mar 2023**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
ASHRAE/ISHRAE Club



Mini Project Idea Presentation Competition [29 Apr 2024]



**Won 2nd Prize in National Level Project Idea Competition organized by
ISHRAE Chapter in "TECHNOCHILL" held at AISSMS COE Pune
on 14 Feb 2023**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



AUTO Club

FOXTROT RACERS.....AN OFFICIAL GO KARTING TEAM.



**Inaugural for Launching of “Go Kart Vehicle” in Presence of
Dr. R. D. Kanphade, Principal & Dr. P. A. Patil, HOD Mechanical Engg.**



**Team Foxtrot Racers is Skidpad Winner (Prize Rs. 15000) in
“Edge Line Championship”**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
AUTO Club



**Guest Lecture organized on “Industry 4.0” For Final Year Students under
AUTO Club on 18 Apr 2024**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



AUTO Club



**Industrial Visit organized at “PMPML
Central Bus Workshop, Swargate”
For Second Year Students
on 25 May 2023**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



AUTO Club



Industrial Visit organized at "ACE Kudale Maruti Suzuki Service Centre"
For Second Year Students under AUTO Club on 26 Apr 2024

EV Club



Developing entrepreneurship skills through successful entrepreneurs



Guest Lecture organized on “Hybrid Electric Vehicle” For Second Year Students under EV Club on 20 Oct 2023

EV Club



Won 1st Runner up at Smart India Hackathon 2022 Hardware Edition



**Won First Prize in DTE,s Regional Level Project Competition held at
AISSMS IOIT Pune on 02 May 2022**

EV Club



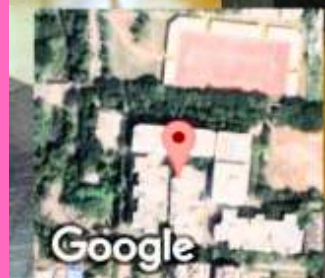
**Awareness of latest technology: Guest lecture of industry experts on
“Transmission System In Hybrid Electric Vehicle” For Third Year Students
under EV Club on 13 Apr 2024**



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Mechanical Engineering Department



Discovery Club



Pune, Maharashtra, India

FWFP+3FC, Satar Nagar, Hadapsar, Pune, Autadwadi Handewadi, Maharashtra

411028, India

Lat 18.472618°

Long 73.9362°

28/08/23 11:30 AM GMT +05:30

Guest Lecture organized on “Awareness about additive manufacturing Process” For Third Year Students in association with 3D Shikshan on 28 Aug 2023



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Mechanical Engineering Department
Discovery Club



**A Workshop organized on “3D Printing Prototyping” For Third Year Students
in association with 3D Shikshan on 12 Sep 2023**



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Mechanical Engineering Department



Discovery Club



Industrial Visit organized at “3D Printing Lab, COEP Technological University” For Third Year Students in association with 3D Shikshan on 06 Apr 2024



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Mechanical Engineering Department



Discovery Club



**Interdisciplinary skill set through industry experts on Data
Visualization & Machine Learning using Splunk on 07 Mar 2024**



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Mechanical Engineering Department



Drone Club



Won 3rd prize in the Project Idea Presentation at MIT loni in the MIT PERSONA 2024 event on 11 Feb 2024



**Recognition of BE Project at AVISHKAR SPPU Project Competition
held at AISSMS COE Pune on 27 Oct 2023**

Drone Club



Industrial Visit Organized at MSME Defence Expo, Moshi For SE TE BE Students under Drone Club on 24 Feb 2024



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



Drone Club



External Stakeholders (Rotary Club members) Visited Drone Club, at Cerebrospark Innovations at JSCOE, Hadapsar campus

Drone Club



Internship Students working on Manufacturing of Drones at Cerebrospark Innovations Pvt. Ltd.





JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA
[Mechanical Engineering Students Association]
Induction Program



**Dr. P. A. Patil [Head of Department] addressing students during
FE Induction Program at commencement of Semester on 21 Aug 2023**



**Dr. P. A. Patil [Head of Department] addressing students during
BE Induction Program at commencement of Semester on 17 Jul 2023**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA



[Mechanical Engineering Students Association]

Teachers Day Celebration [05 Sep 2023]





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Mechanical Engineering Department
MESA



[Mechanical Engineering Students Association]

Engineer's Day Celebration [15 Sep 2023]



Dr. P. A. Patil (HOD) Addressing Students



Quiz competition





JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA
[Mechanical Engineering Students Association]
Parent Meet [27 Oct 2023]



Dr. P. A. Patil [HOD] addressing parents to make them aware about department academic policies



felicitation of toppers along with their parents.



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA



[Mechanical Engineering Students Association]
Blood Donation [15 Mar 2024]





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Mechanical Engineering Department
MESA



[Mechanical Engineering Students Association]

Awareness Programs



Campaign on “Mera Pehla Vote Desh Ke Liye” launched by Ministry of Education in collaboration with Ministry of Youth Affairs on 14 Mar 2024



Students addressed National objectives:
Awareness of Voting, patriotism etc..



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA
[Mechanical Engineering Students Association]
Industrial Visit



Industrial Visit organized at Mahati Hydro Electric Power Plant For Final Year Students on 15 Apr 2024



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA
[Mechanical Engineering Students Association]
Industrial Visit



**Industrial Visit organized at Someshwar Sugar Factory ,Someshwar Nagar
For Final Year Students on 16 Apr 2024**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA
[Mechanical Engineering Students Association]
Industrial Visit



Industrial Visit organized at Accurate Sales & Pvt Ltd. For Third Year Students on 04 Mar 2024



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA



[Mechanical Engineering Students Association]

Freshers Party [29 Apr 2024]



Felicitation of SE students on the basis of their academic performance, attendance, and achievements etc.



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA



[Mechanical Engineering Students Association]

BE Farewell Party [30 Apr 2024]



Dr. P. A. Patil [HOD] addressing outgoing students giving tips of life science and dos and don'ts of professional life





JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
MESA



[Mechanical Engineering Students Association]
BE Farewell Party [30 Apr 2024]



Felicitation of outgoing students based on performances in various segments such as academics, projects, event management, placement, sports, cultural etc



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



Sports Activities



Sports Activities [Staff]



Men Mech Staff Cricket Squad



Women Mech Staff Cricket Squad



Winner of Women Cricket Match



Cultural Events [Antarnaad 2024]



NSS [National Service Scheme] [16-22 Jan 2024]



At Post Udachi Vadi, Purandar, Tq. Haveli Dist. Pune



Blood Donation



Students serving the society, which make them responsible citizen as well



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



NSS [National Service Scheme] [16-22 Jan 2024]



Rain Water Conservation Activity



Tree Plantation

Students serving the society, which make them responsible citizen as well



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



Project Based Learning



MINI Smart India Hackthon 2023 Institute Level Project Competition is organized at Mechanical Engineering Department on 21 Sep 2023



JSPMs Jayawantrao Sawant College of Engineering Hadapsar

Mechanical Engineering Department



Project Based Learning



JSCOE Hackfest 2024 Project Competition is organized at Mechanical Engineering Department on 30 Mar 2024



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
EDC [Entrepreneurship Development Cell]



BE Mech Team, Secured 1st Rank in Project to Product Business Plan Presentation Competition organized by Entrepreneurship Development Cell JSCOE Hadapsar on 30 Mar 2024



Use of Moodle -Learning Management System



ICT enabled classroom

JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
Best Academic Practices



Four Board Method -Innovative Teaching Method



Flipped Classroom -Innovative Teaching Method



Role Play -Innovative Teaching Method



JSPMs Jayawantrao Sawant College of Engineering Hadapsar

Mechanical Engineering Department



Best Academic Practices



Doubt Clearing Session one day before SPPU Exam



Extra Classes during Holiday's

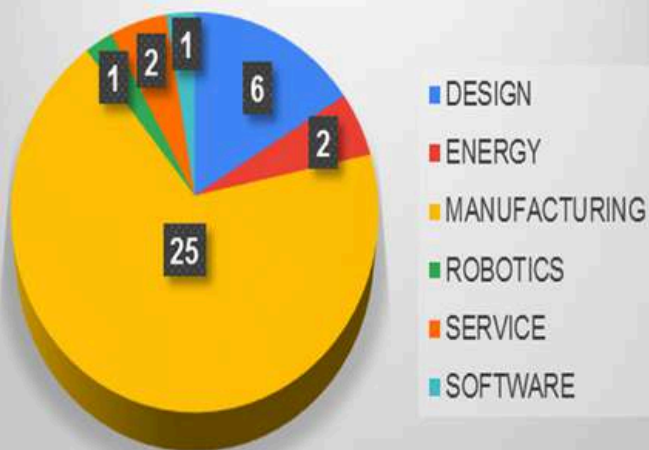


Mentoring Session

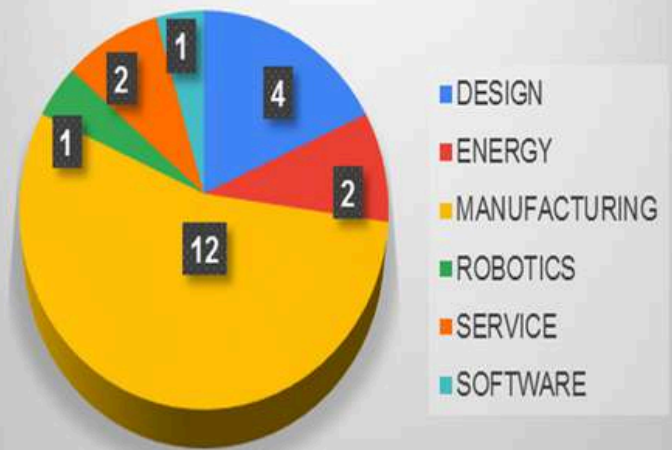
Training & Placement Cell

- No of Students Completed Internships – 37
- No of Industries in which students were involved for doing Internship – 21
- GHORPADE SHRIKANT KALYAN, KAMBALE AVINASH MAHADEV, KULKARNI VISHAL MANOJ, JUMALE ABHISHEK ASHOK selected for apprenticeship with stipend offer of Rs.17,000 p.m from Bharat Forge Ltd for 1 Year.
- KULDEEP YADAV selected for internship with stipend offer of Rs.8,500 p.m from Wootz. Work for 6 Months.
- SANKET MARDHEKAR selected for internship with stipend offer of Rs.7,500 p.m from Elansol for 6 Months.

No of Students = 37



No of Industries = 22





JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
Training & Placement Cell



Major Industries Availing Students' Internship



Autadwadi Handewadi, Maharashtra, India

FWCP+RF8 Nakshatra Garden, Satar Nagar, Hadapsar, Autadwadi Handewadi, Pune, Maharashtra

411028, India

Lat 18.471989°

Long 73.935905°

22/08/23 09:27 AM GMT +05:30

**Guest Lecture on “Placement Opportunities GATE & Higher Studies”
in association with I2E on 22 Aug 2023**



JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department
Training & Placement Cell



- **Training Name** : **Soft skill**
- **Total duration of training** : **25hr**
- **Mode of training** : **Offline**
- **Purpose of training** : **This training will guide students' to prepare for all HR interviews and also improve communication skills.**

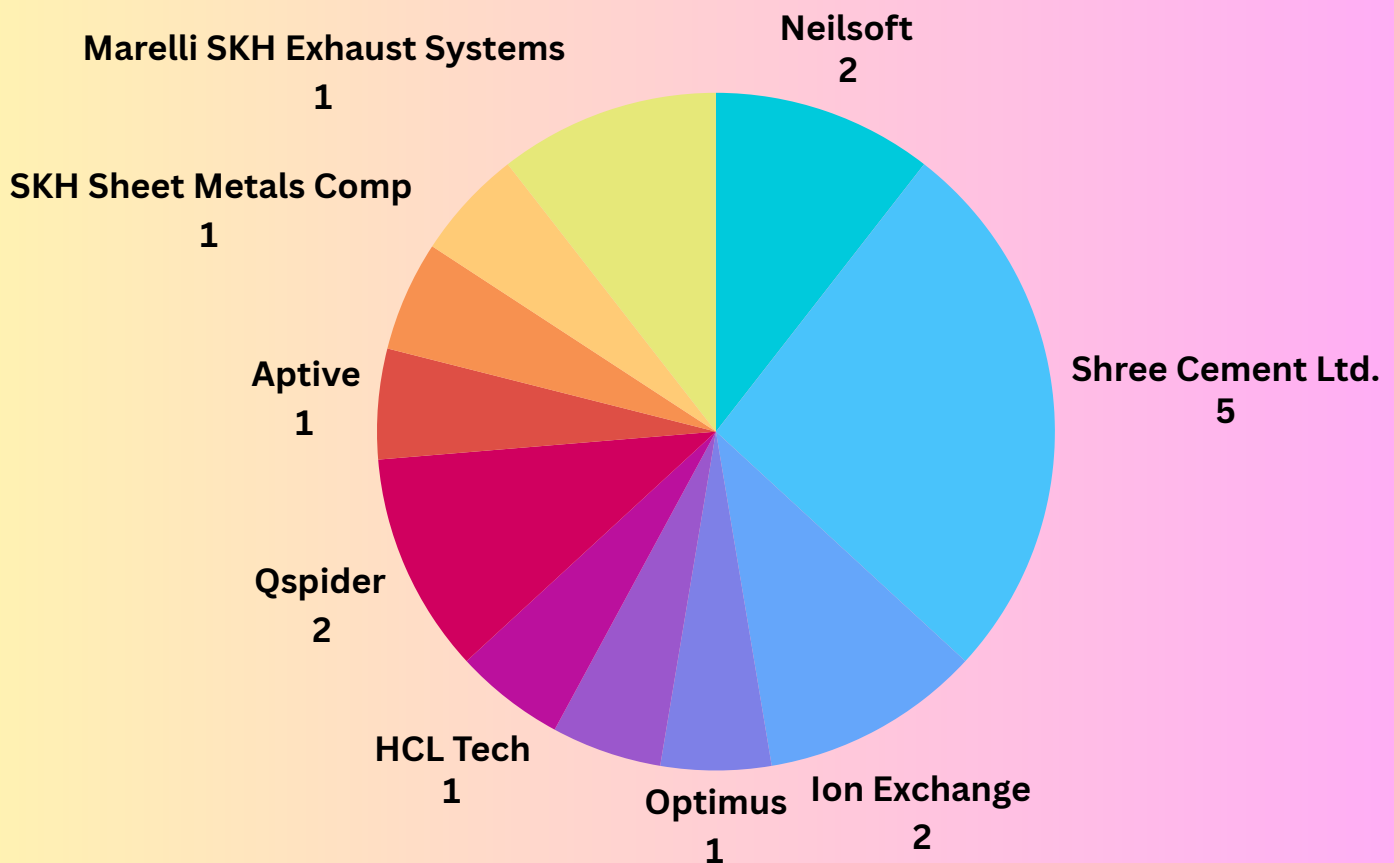


Guest Lecture organized with objective “To bridge the gap between Industry and Student” in association with SATKAM on 07 Feb 2024



Placement Statistics [Batch 2024]

Max. Package: 6.5 LPA, Avg. Package: 3.9 LPA



Major Recruiters





JSPMs Jayawantrao Sawant College of Engineering Hadapsar
Mechanical Engineering Department



Campus Placement Batch 2024



Anish Sonawane
Shree Cement Ltd.
Package-4.2lpa



Kartik Korde
Shree Cement Ltd.
Package-4.2lpa



Omkar Kachare
Shree Cement Ltd.
Package-4.2lpa



Saqib Shaikh
Shree Cement Ltd.
Package-4.2lpa



Sarthak Kathwate
Aprive
Package-6.5lpa



Sanket Gondhali
Helical Auto
Package-3lpa



Shubada Salvi
Helical Auto
Package-3lpa



Sanket Gondhali
Ion Exchange
Package-4lpa



Shubada Salvi
Ion Exchange
Package-4lpa



Alfiya Inamdar
Neilsoft
Package-3lpa



Omkar Chavan
Neilsoft
Package-3lpa



Shubham Chaoudhari
Optimas
Package-3lpa



Amir Malang
Qspider
package- 3Lpa



Kartik Korde
Qspider
package- 3Lpa



Chitra Bilagi
SKH groups
Package-3.5lpa



Sourabh Dorage
SKH groups
Package-3.5lpa



Department of Mechanical Engineering

Placement in Software Companies

(Campus Placement 2023 Batch)



Abhishek Kokate
Fitium Autocorp 8.8 Lpa



Krunal Pawar
ITC 4.25 Lpa



Ganesh Borse
ITC 4.25 Lpa



Alisha Bhambur
Capgemini 4.25 Lpa



Sanyal Chavan
Capgemini 4.25 Lpa



Rohini Kankare
Capgemini 4.25 Lpa



Aarika Bhutani
Capgemini 4.25 Lpa



Gaurav Nene
Capgemini 4.25 Lpa



Aniket Raut
Capgemini 4.25 Lpa



Arun Wadhwani
Capgemini 4.25 Lpa



Sanjay Kapse
Capgemini 4.25 Lpa



Atharva Dhumal
Capgemini 4.25 Lpa



Shreyas Chavan
Capgemini 4.25 Lpa



Aditya Jale
Capgemini 4.25 Lpa



Shreyas Kamble
Capgemini 4.25 Lpa



Krunal Pawar
TCS 4.0 Lpa



Arun Wadhwani
TCS 4.0 Lpa



Vishal Nende
TCS 4.0 Lpa



Rohan Dixit
TCS 4.0 Lpa



Abhay Kulkarni
4.0 Lpa



Dhanu Borangale
TCS 4.0 Lpa



Shreyas Kamble
TCS 4.0 Lpa



Rahul Bagde
Houkley 4.0 Lpa



Dipesh Geddy
Just Dial 3.0 Lpa



Harshal More
Just Dial 3.0 Lpa



Department of Mechanical Engineering

Placement in Core Companies

(Campus Placement 2023 Batch)



Alisha Mujawar
Schlumberger 4.29 Lpa



Vishal Nande
Analyzer CAE 3.0 Lpa



Aniket Sonawane
Analyzer CAE 3.0 Lpa



Sanket Aurangpore
Analyzer CAE 3.0 Lpa



Sandip Lokhande
Analyzer CAE 3.0 Lpa



Anand Warad
Analyzer CAE 3.0 Lpa



Nikhil Kapare
Analyzer CAE 3.0 Lpa



Suhas Barangule
Analyzer CAE 3.0 Lpa



Aditya Jangam
Helical Auto Technologies
3.0 Lpa



Rohan Dixit
Helical Auto Technologies
3.0 Lpa



Sagar Waykar
Epitome Components 2.7 Lpa



Ranjithkumar Patil
2.7 Lpa



Aniket Sonawane
CIZMAK 2.5 Lpa



Harshad Chavan
Shivamtech 2.4 Lpa



Sumit Pawar
Shivamtech 2.4 Lpa



Aniket Sonawane
Shivamtech 2.4 Lpa



Pranita Jadhav
Dhone KIA 2.0 Lpa



Saurabh Nhalve
Dhone KIA 2.0 Lpa



Sagar Waykar
Dhone KIA 2.0 Lpa



Abhishek Shinde
Dhone KIA 2.0 Lpa



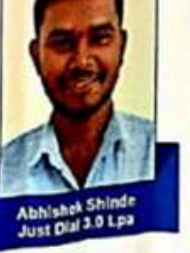
Sandesh Chandurkar
Dhone KIA 2.0 Lpa



Tejas Galkwad
Just Dial 3.0 Lpa



Hitesh Markad
Just Dial 3.0 Lpa



Abhishek Shinde
Just Dial 3.0 Lpa

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