



JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING

Hadapsar Pune-411028
INSTITUTE CODE- EN6145

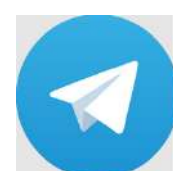
ACADEMIC YEAR
2024-25



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YouTube









Why JSCOE ?

- Accredited by NBA & NAAC
- State-of-the-art Teaching -Learning Facility
- Three Gold Medals & 50+ Rankers in SP Pune University
- 200+ Campus Placements (2024 Batch)
- Member of MHRD's Innovation & Startup cell
- 100+ Successful Entrepreneurs
- Two Startup & 10+ Students Innovation Clubs
- 70+ National Level Project Competition Awards.
- Centre of Excellence in Robotics Process Automation by Automation Anywhere University U.S.A
- International coursera campus association for online certification
- 35+ Patent Published & Three International Patent granted
- 1500+ National & International Research Publications by Faculties & Students

Academic Excellence through GFM (Guardian Faculty Members)



Jayawantrao Sawant College of Engineering, Hadapsar Pune Academic Excellence (First Year University Rankers) Savetribai Phule Pune University (A.Y 2020,2021,2022)							
 University Rank 1 SILAS JOEL A.Y 2019-20 CGPA- 9.93	 University Rank 5 SHABAI SUFIYA A.Y 2019-20 CGPA- 9.8	 University Rank 10 ACHALER SUDARSHAN A.Y 2019-20 CGPA- 9.68	 University Rank 1 BILWADE OMKAR A.Y 2020-21 CGPA- 10	 University Rank 1 ABHISHEK GUPTA A.Y 2020-21 CGPA- 10	 University Rank 1 PRATIK GUPTA A.Y 2020-21 CGPA- 10	 University Rank 2 SABERI TARANNUM A.Y 2020-21 CGPA- 9.98	 University Rank 3 POPHALE ANISH A.Y 2020-21 CGPA- 9.95
 University Rank 4 MAHESH DUDHE A.Y 2020-21 CGPA- 9.93	 University Rank 4 MUPPASANI LAKSHI A.Y 2020-21 CGPA- 9.93	 University Rank 4 SHAIKH MAHEEN A.Y 2020-21 CGPA- 9.93	 University Rank 6 DESHPANDE ROHIT A.Y 2020-21 CGPA- 9.89	 University Rank 6 RUSHIKESH PISAL A.Y 2020-21 CGPA- 9.89	 University Rank 7 SHRAVGEE HARSHAL A.Y 2020-21 CGPA- 9.86	 University Rank 8 BHANA VSE RUSHI A.Y 2020-21 CGPA- 9.84	 University Rank 8 SATHE PRANALI A.Y 2020-21 CGPA- 9.84
 University Rank 9 PATIL SANKET A.Y 2020-21 CGPA- 9.82	 University Rank 9 ANKIT SAHAL A.Y 2020-21 CGPA- 9.82	 University Rank 10 KIRAN TILEKAR A.Y 2020-21 CGPA- 9.8	 University Rank 10 ARATI CHANDAN A.Y 2020-21 CGPA- 9.8	 University Rank 10 KANDEKAR PRAJWAL A.Y 2020-21 CGPA- 9.8	 University Rank 10 PRATHMESH JADHAV A.Y 2020-21 CGPA- 9.8	 University Rank 9 BHAL HEMA A.Y 2021-22 CGPA- 9.82	 University Rank 10 SHAIKH AZIM A.Y 2021-22 CGPA- 9.8

Learning Experience Through Realtime Projects

Project Based Learning



Real time Prototype Development & Testing @ IoT Lab



Project Based Learning



Student Preparing for Smart India Hackathon 2023



Student Preparing for Quest Ingenium Project Competition
(National Level Project Competition)

Learning Experience Through Realtime Projects



Project Based Learning



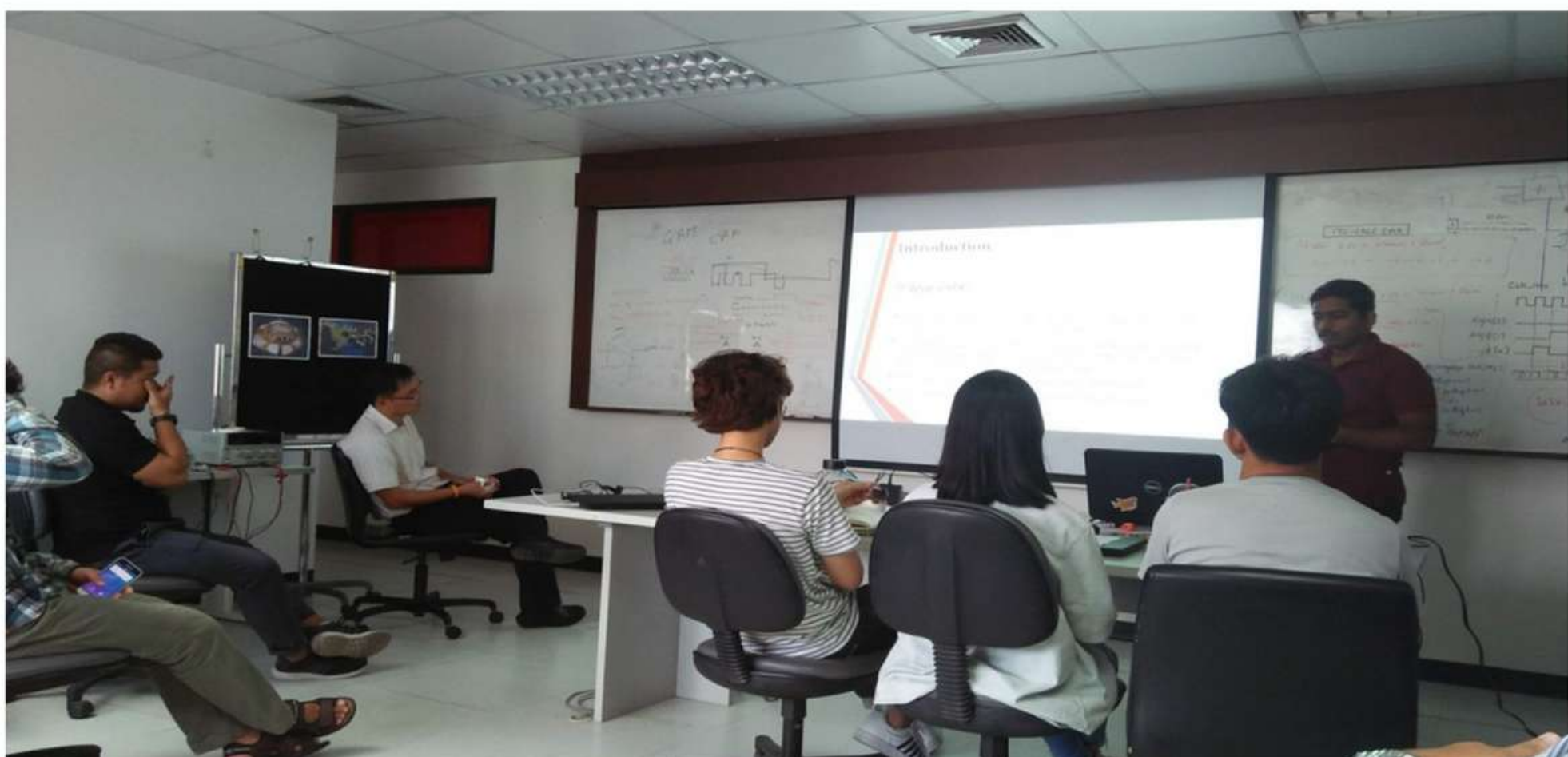
Project Based Learning



Student Preparing for KPIT Project Competition
(National Level Project Competition)



Project Based Learning



Interaction with Industry Experts about Project Implementation

Remarkable Achievement



Cerebrospark Innovation clinched the First Prize of Rs.5,00,000/- at Entreprenex, a Startup fest organized by JSPM University (Feb 2024)



Team EKOVEN (IoT Club) Won 2nd Prize at Entreprenex, Startup fest organized by JSPM University (Feb 2024)

Remarkable Achievement



**IoT Club Won First Prize at KPIT Sparkale
(National Level Project Competition) Oct 2023**



**IoT Club Won First Prize at
Quest Ingenium Bangalore (Dec 2023)
(National Level Project Competition)**

Remarkable Achievement



**IoT Club Won First Prize of Rs.1,00,000
at Smart India Hackathon (April 2023)
(National Level Project Competition)**



**IoT Club Won First Prize of Rs.1,00,000
at Pornima Hackathon (Sept 2023)
(National Level Project Competition)**

Remarkable Achievement



**Second Prize in project competition at GMRT
Khobad (Feb 2024) by E&TC Dept**



**First Prize at GMRT Project Competition
(Feb 2024)**

Student Innovation Clubs

Department of Computer Engineering

IoT Club



The goal of the IoT Club is to promote an opportunity for interaction between students of Computer Engineering and other department's students for interdisciplinary projects, this club published 8 patents in IoT domain, More than 15 papers are published by students in Scopus Index, IEEE, Springer journals,

Winner of 60+ National Level Project Awards

Mentor : Dr.D.S.Waghole

<https://jscoeiotclub.in>

Student Innovation Clubs

Department of Computer Engineering

Google Developers Club



The GDSC Club aims to foster interdisciplinary collaboration among Computer Engineering students and those from various departments, facilitating opportunities for interaction and project-based initiatives.

Mentor :Dr.D.S Waghole
Club Lead by- Aditya Mishra

Student Innovation Clubs

Department of Information Technology

Coder's Club



Empower students with a vibrant coding culture, igniting the passion for coding among all, and encouraging participation in prestigious coding competitions like TCS CodeVita, Inframind, EngiNX, FACE, etc. Our club's ethos is centered around fostering a spirit of creation, building, and innovation

Mentor : Prof.A.K.Gupta

Student Innovation Clubs

Department of E&TC

Codeit Club



Codeit Club is a dynamic platform catering to diverse interests including coding, app development, and AR/VR technology. It orchestrates engaging programming events for JSCOE students.

Mentor: Dr.Rohit Gawade

Student Innovation Clubs

Department of Mechanical Engineering

ISHARE Club



Elevate your engineering journey with ISHRAE Student Membership, granting exclusive access to the acclaimed ISHRAE e-Journal brimming with technical insights, along with thrilling opportunities to showcase your skills in national-level competitions and connect with industry leaders for invaluable networking experiences.

Student Innovation Clubs

Department of Mechanical Engineering

Auto Club

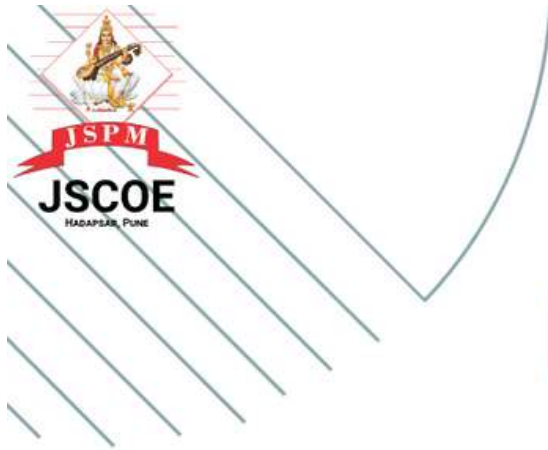


The Auto Club is dedicated to fostering a passion for automotive culture, fostering partnerships with industry leaders to drive product development and research within the automobile sector, and creating an interconnected community of enthusiasts through engaging events like Go-Karting, Eco-Karting, SAE Supra, and Formula Bharat competitions.

Center of Excellence (RPA) Robotics Process Automation Lab

Department of Information Technology

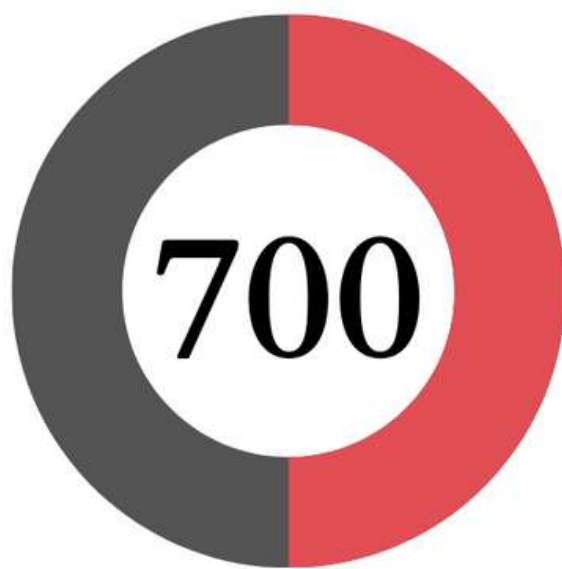




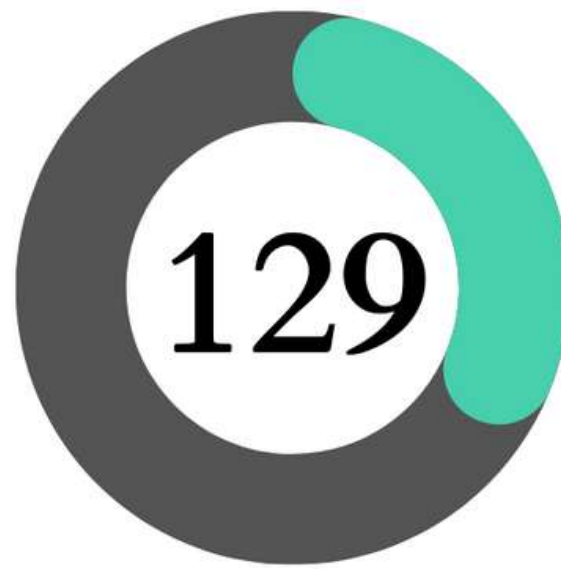
Jayawantrao Sawant College of Engineering



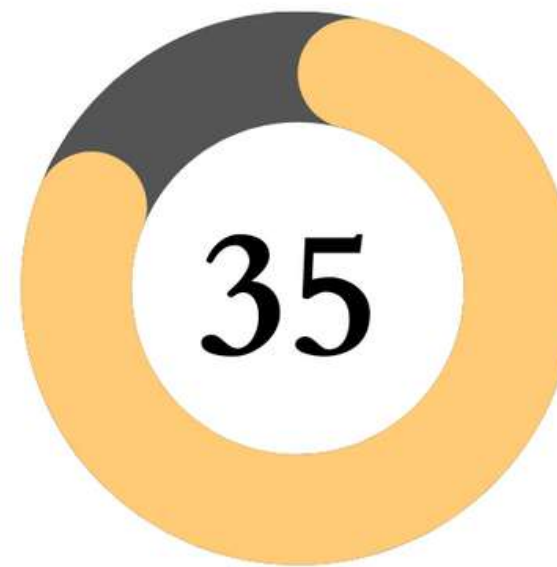
RESEARCH PUBLICATIONS



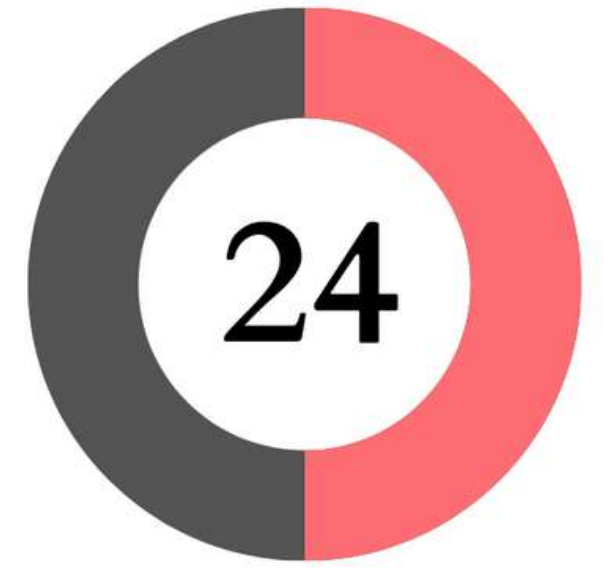
RESEARCH PUBLICATION



BOOKS



PATENTS



COPYRIGHTS



Research & Development Mechanical Engineering Department



TEMPERATURE GUN



PSYCHROMETER



DIMMERSTAT



PRESSURE GAUGES



MEASURING SCALE



MULTIMETER



AC CLAMP METER



GAP GAUGE



POWER METER



STOP WATCH

CENTRAL INSTRUMENTATION FACILITY For R&D



Research & Development Mechanical Engineering Department



“High Vacuum Pump at JSCOE Diffusion Pump” (HINDHIVAC)

Cost: 2.1 lacs

For ISRO-UoP STC Project



Research & Development Mechanical Engineering Department



"Design and Development of hybrid (VCC and desiccant) air-conditioning system test rig"

**Investigator:
Dr. Pradeep Patil**

**ASHRAE Sanction
(Grants = \$ 5000)**



Research & Development Mechanical Engineering Department



**Design and Development of
Water Ejector System**

Investigator: Dr. Pradeep Patil

**ASHRAE Sanction
(Grants = \$ 5000)**



Research & Development Mechanical Engineering Department



Refrigerator
Flow meter
Linear
Compressor



Opposed
Piston
Linear
Compressor
Stirling Cro-
cooler

**Design Development &
Testing of Linear Compressor
for refrigeration application**

Investigator: Dr. Suneeta Phadkule

**Department of Science & Technology
Project Grant: 22.1 Lacs**



Research & Development

Mechanical Engineering Department

Effect of Phase change material on On-OFF characteristics of Refrigerator

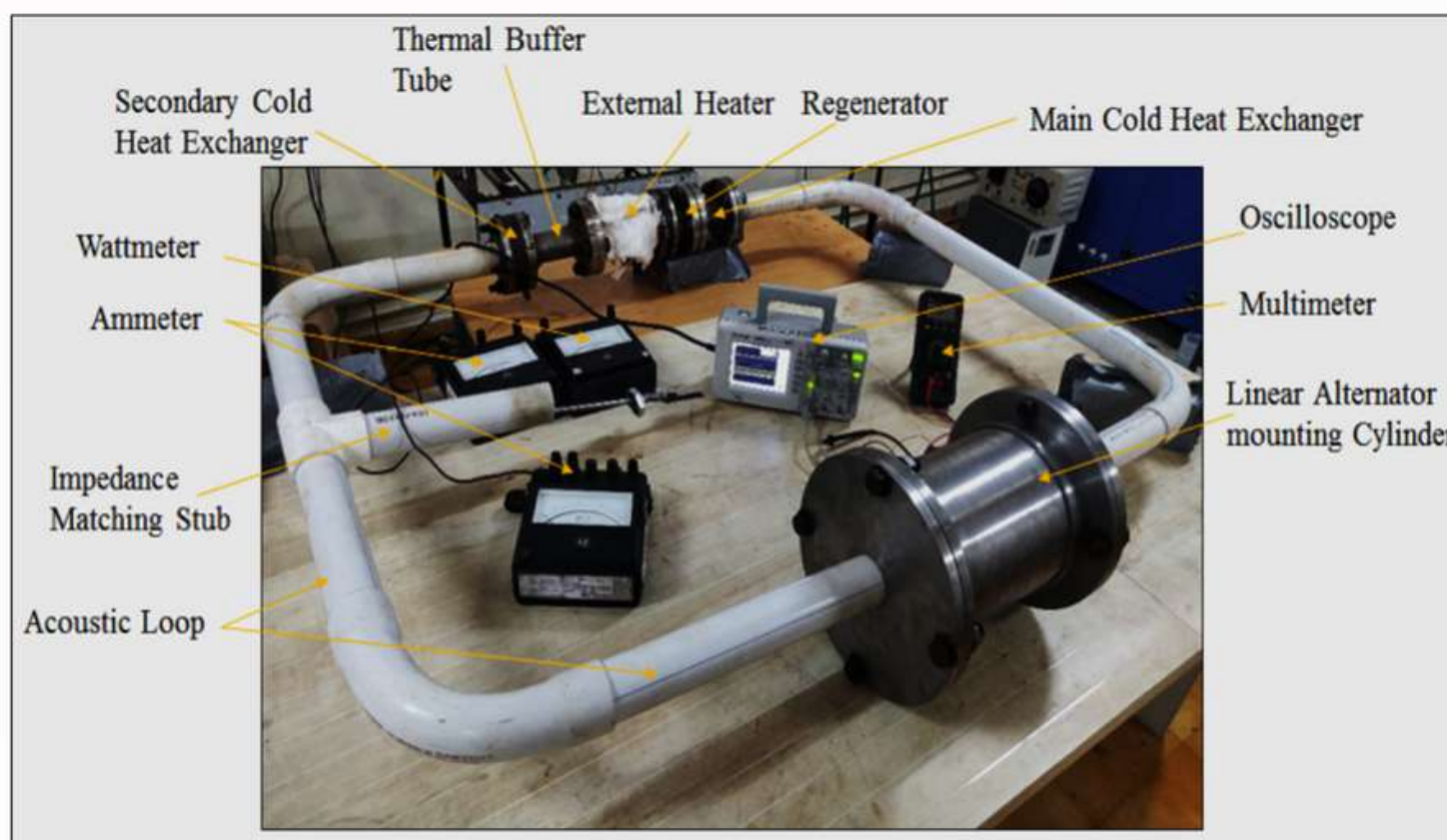
Research Scholar: Prof.Laxman Mane

Guide: Dr. P. A. Patil



Research & Development

Mechanical Engineering Department



Design & Development of Travelling Wave Thermoacoustic Engine Setup

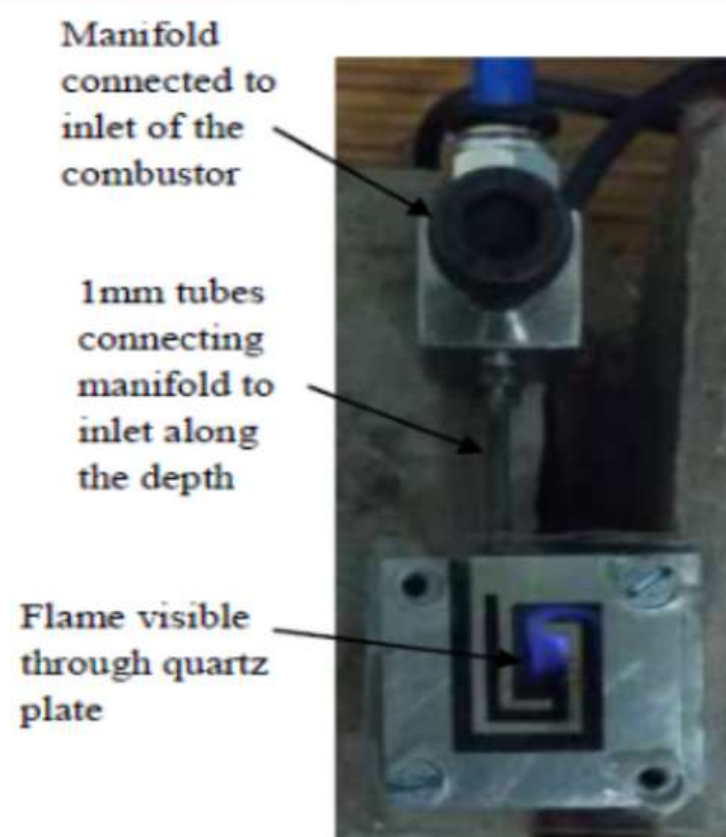
Research Scholar: Prof.Mahesh Gaikwad

Guide: Dr. P. A. Patil



Research & Development

Mechanical Engineering Department



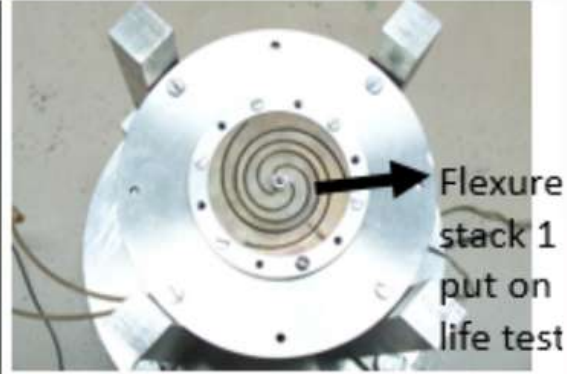
Swiss Roll Combustion Chamber Test Facility

Research Scholar: Prof. Nitin Chavan

Guide: Dr. M. G. Jadhav

Research & Development

Mechanical Engineering Department



"Flexure spring Fatigue Life Testing Setup"

FLEXURE SPRING USED IN LINEAR COMPRESSOR FOR DUAL PURPOSE SPRING & BEARING

Research & Development

Mechanical Engineering Department



"Effect of Nano Particles on Heat exchangers"

**Research Scholar:
Suhas Shinde**

Guide: Dr. P. A. Patil

Research & Development

Mechanical Engineering Department



- Can Test any refrigerant.
- Capacity 1 TR.
- All parameters possible to measure necessary for measuring COP.

COMPRESSOR CALORIMETER

**Investigator
Dr. P. A. Patil**

JSCOE Startup Program



**“CerebroSpark “ Drone Manufacturing &
Service Provider Starup @ JSCOE Hadapsar.
Mr.Ganesh Thorat (CEO)
Dr. Pradeep Patil (Mentor & Head Mech Engg)**



**CerebroSpark Team with
Mentor Dr.Pradeep Patil**

JSCOE Startup Program



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Discussion with Shekhar Singh PCMC Chief about CS-Krishi drone



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Pandharpur wari surveillance project discussion with SP Solapur

JSCOE Startup Program



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Discussion of Cerebrospark academy with Minister of Higher & Technical Education of Maharashtra shri Chandrakant Patil



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Testing of cs-krishi on field



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Completion of incubation at PCMC Startup Incubation Centre

JSCOE Startup Program



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Cerebrospark innovations selected for G20 conclave of Entrepreneurship development



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Cerebrospark Innovations presented its products to Major General Abhijit Bapat, SM, Major General - General Staff (MGGS) (SD & CD), RTN Chairman Brid. Rajguru, MCCIA Defence Director Mr. Prashant Joglekar.



Jayawantrao Sawant College of Engineering Cerebrospark Innovations



Among the top 25 startup exhibited at SPPU our startup was highly appreciated by shri Piyush Goyal

JSCOE Startup Program

Hybrid Electric Vehicle

PRATHAMESH CHOUDHARY

PRATHAMESH CHOUDHARY, FOUNDER & CEO, ELESPE HEV

A PIONEER IN CREATING A HYBRID ELECTRIC REVOLUTION

CEO *insights* TOP 10
STARTUP CEOs
2022

Having a Bachelor's in Mechanical Engineering, the young innovator is set forth to create a revolution in the EV industry by creating a sustainable ecosystem for existing vehicles by converting them into HEVs.

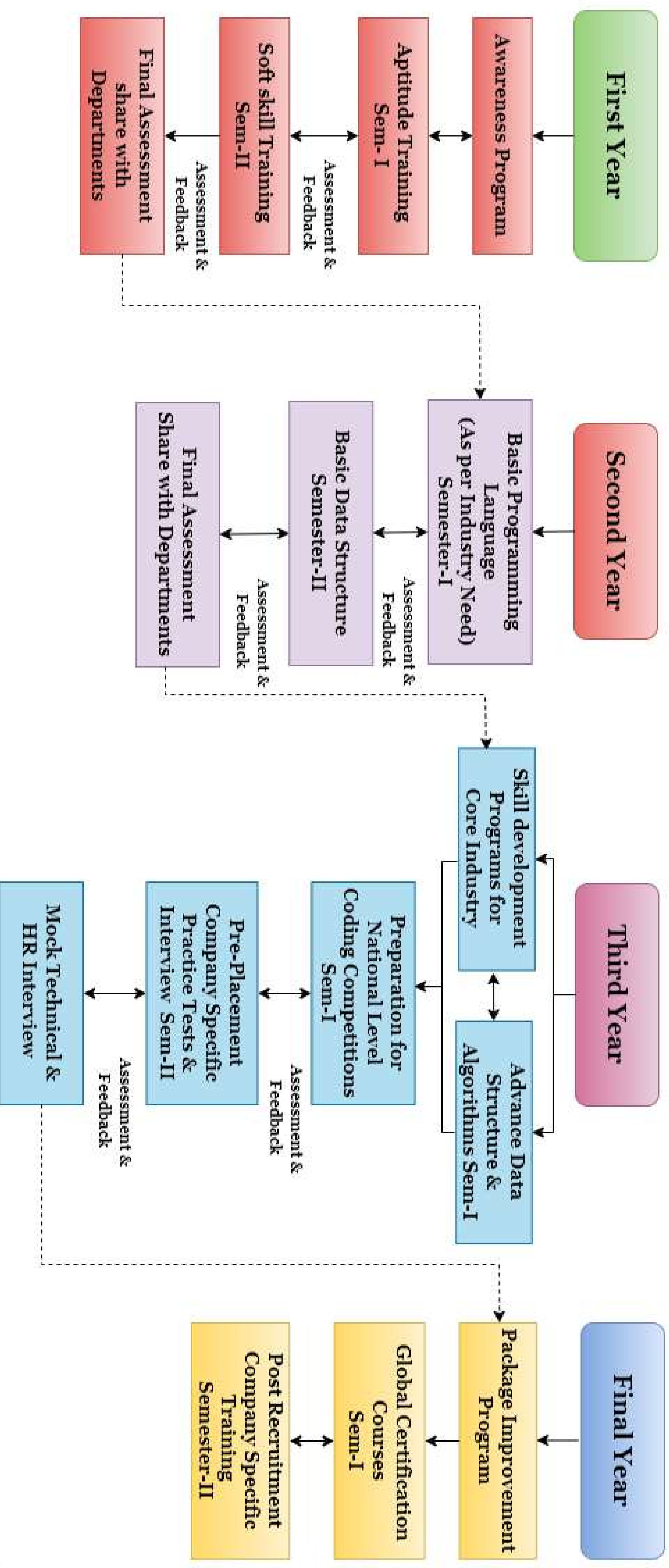


Due to the rising demand for fuel and the increase in emissions of Green House Gases, there has been a need to develop alternative vehicle technology. Although fully electric vehicles are the solution to the problem of rapidly depleting fossil fuels, there are various issues related to them; the availability of recharging stations is one of the main issues. Many organizations have indeed been focusing on increasing the range of EVs by using Hybrid technology in vehicles but their focus has only been on Hybrid Electric Cars so far. Prathamesh Choudhary (Founder & CEO, ELESPE HEV) is the only innovator cum entrepreneur who brought forward the concept of Hybrid Electric Scooters/Mopeds/Bikes into the market. The vision behind his innovation has been to electrify India by converting existing vehicles into Hybrid Electric Vehicles thereby reducing the pollution and consumption of fossil fuels. In a short span, Prathamesh's extraordinary innovation in the EV industry has brought him multiple awards & recognitions; he has been the Platinum Award winner of KPIT Sparkle-2022 and the winner of VOIS Tech Innovation Marathon-2022, Smart India Hackathon, and many state, regional and college level competitions. He has been the recipient of several awards from various organizations.



Preplacement Training Modules

JSCOE Training Modules



Training & Placement

Annual HR Meet 2024



Pre-Placement Training

JSCOE offers dynamic Pre-Placement Training, spanning over 400+ hours from the first year onward, encompassing soft skills, aptitude, industry-specific skill development, and expert-led mock interviews, tailored to industry standards.



Hon Training Program



Aptitude Training Program



Advance Data Structure Training



Session on Interview Techniques



Soft skill Training



Hands on training Machine Learning



Zensar ESD Training



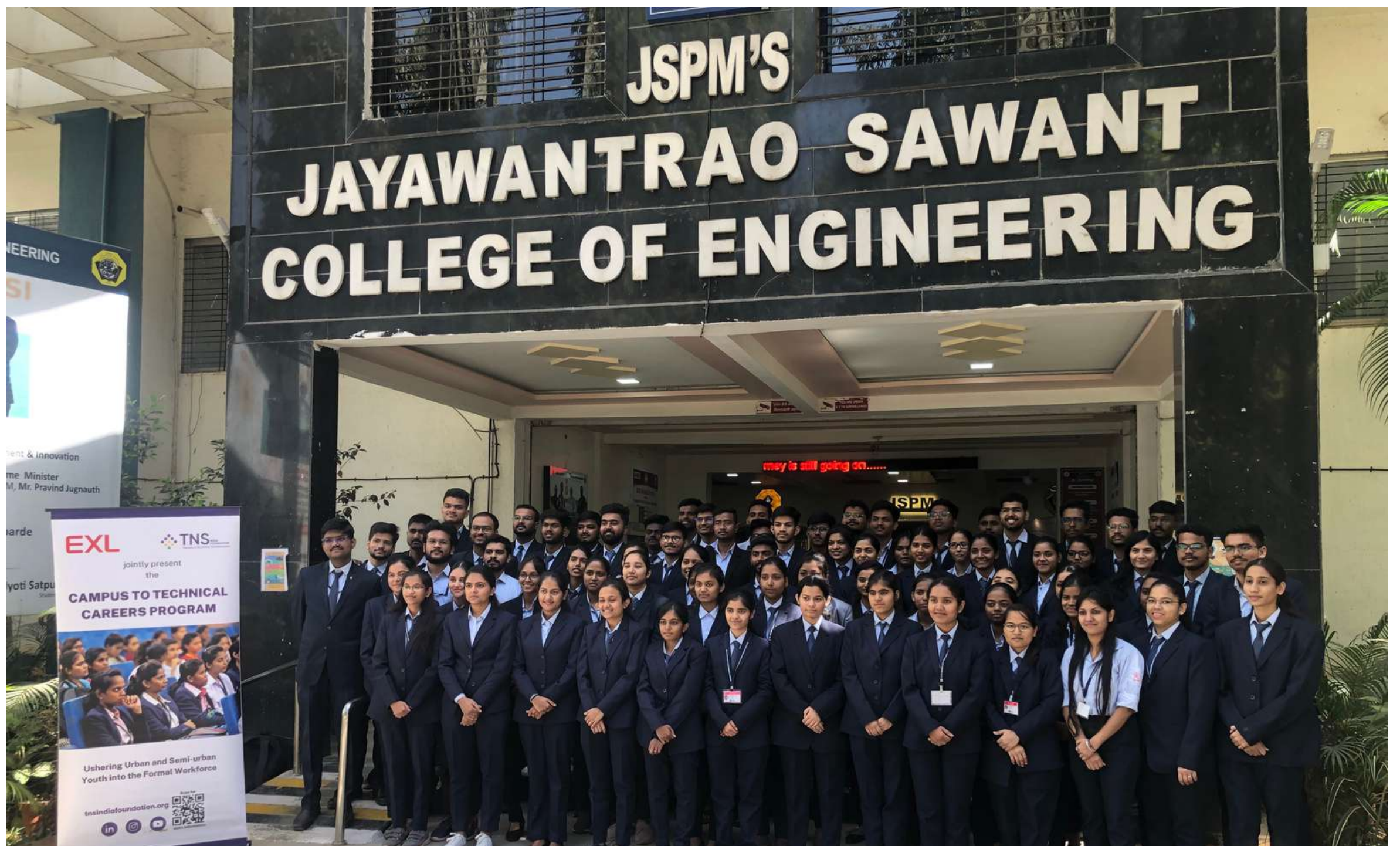
Microsoft Certification Training



Amazon AWS Training

Training & Placement

Industry Collaborations for Preplacement training & Assessment



JSCOE sign a MoU with TNS & EXL to provide hands on training to pre-final year students on latest technology like AI,ML, DS & full stack development. first batch (100 students) has successfully completed two monthe training



vodafone



zensar



talentIQ



byte^{XL}

Pre-Placement Preparation

Pre-Placement Preparation is being start after completion of technical training.

Following Activities are conducted before placement drives

1. Company Specific Technical Test
2. Group Discussion
3. Alumni expert sessions
4. Personal Interviews

MOCK Practice Test



Personal Interview



Five Years Placement Statistics



JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING,
HADAPSAR PUNE 411028

ASHISH KADAM

Department of Computer Engineering

ACADEMIC YEAR 2023-24

Placed in

ZS Associates

**PACKAGE
26.40 LPA**

ACADEMIC YEAR 2023-24

JAYAWANTRAO SAWANT COLLEGE OF ENGINEERING,
HADAPSAR PUNE 411028

**ABHISHEK
KARLE**

DEPARTMENT OF INFORMATION TECHNOLOGY

Get Placed in Two AS, Norway

For post of

CYber Security Engineer

**PACKAGE
20.40 LPA**

ACADEMIC YEAR 2023-24

CAMPUS PLACEMENT 2024 BATCH

**HIGHEST PACKAGE
26.40 LACS**

**5 TO 7 LACS
50 OFFERS**

**4.5 LACS
32 OFFERS**

**3.5 LACS
68 OFFERS**

250+

Placement offers



Major Recruiter



DTE Choice Code Institute Code EN6145

Sr.No	Course Name	Intake	Choice Code
1	Mechanical Engineering	120	614561210
2	Electrical Engineering	60	614529310
3	Computer Engineering	120	614524510
4	Electronics Telecommunication	120	614537210
5	Information Technology	120	614524610
6	Artificial Intelligence & Data Science (AIDS)	60	614599510

For more details
visit our Website
www.jspmjscoe.edu.in

For Admission Enquiry

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9922135900