



**SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE**

Constituent of Symbiosis International (Deemed University), Pune

(Established under Section 3 of the UGC Act of 1956 vide notification number F-9-12/2001-U-3 of the Government of India)  
Re-Accredited by NAAC with 'A++' Grade

॥वसुधैव कुटुम्बकम्॥



Celebrating 50 Years of Excellence

# Mechanical Engineering



## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering offers B.Tech in Mechanical Engineering with an intake of 60 and M.Tech in Automotive Technology in collaboration with Automotive Research Association of India, Pune (ARAI) with an intake of 30. The department also offers a dual degree program in partnership with the University of East Anglia, UK and doctoral program in all the state of art areas of mechanical engineering. The department aims at imparting high-quality education and producing industry ready professionals in Mechanical Engineering. To realize this aim, the department has recruited highly qualified and experienced faculty and set up labs which have the latest equipment for teaching, demonstration and research. To ensure the relevance of the curriculum, professionals from industry and distinguished professors from IITs and other renowned institutions are actively involved in curriculum development, guest lectures and project evaluations. The curriculum also includes multidisciplinary courses aimed at producing professionals with a broader domain of knowledge.

## RANKINGS OF 2025

Accredited by



For 6 Years upto 2030

Maiden Entry



By NIRF in Engineering For 2025

India Today



In Private Engineering Colleges in India

## DEPARTMENT HIGHLIGHTS

14+

Faculty (All Ph.D.)

20+

Laboratories and Workshops

8+

Cutting-Edge Research Centre

9+

Research Thrust Areas

40+

Patent

18+

Sponsored Research Projects

350+

Publications (Last 5 Years)

12+

MoUs

## PROGRAMS OFFERED (UG, PG & PhD)

### B.TECH with specializations



Bachelor of Technology (Mechanical Engineering) (with BAJAJ Certification)



Bachelor of Technology (Mechanical Engineering) with Honours in Automobile Engineering with Hybrid and Autonomous Technology



Bachelor of Technology (Mechanical Engineering) with Honours in CAD/CAM



Bachelor of Technology (Mechanical Engineering) with Honours in Smart Manufacturing (Industry 4.0)



Bachelor of Technology (Mechanical Engineering) with Minors in Artificial Intelligence and Machine Learning



Bachelor of Technology (Mechanical Engineering) with Minors in Data Science

### M.TECH:



Master of Technology (Automotive Technology) in Collaboration with ARAI (The Automotive Research Association of India)

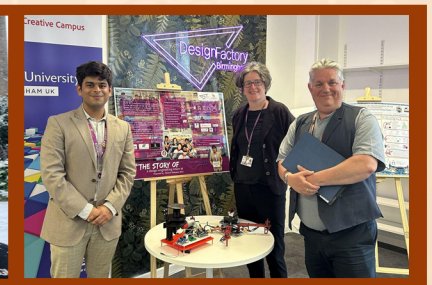
## GLOBAL EXPOSURE



Semester Exchange Program at TUHH, Germany



Short Term Study Project at ASTON University, UK



Awareness Session on Progression Program with Loughborough University, UK



Winter School at E-cole D Management, Paris



Study Tour to Japan



Study Tour to NTU, Singapore

# INDUSTRY CONNECT

Industrial Visit-Hydro Power Station



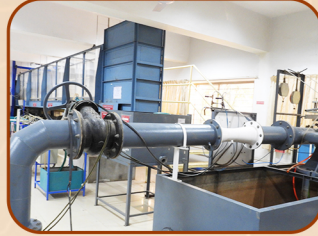
Industrial Visit-Auto Cluster



MOU with Industry



# LAB FACILITIES



# PLACEMENTS AND INTERNSHIP



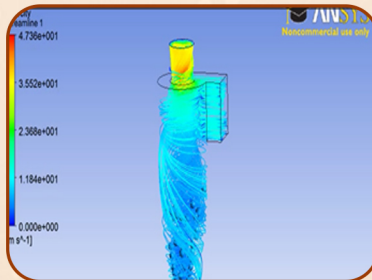
# INDUSTRY-SUPPORTED FACILITIES: BAJAJ BEST TRAINING CENTRE



# INNOVATIONS DONE BY THE FACULTY IN TEACHING AND LEARNING



Student Visited at Thermax Pune



Simulation Based Learning



Hands on Session by Industrial Expert



Experiential Learning

# STUDENT CLUB ACTIVITIES



SUPRA SAE India Competition - WWR



Tech Fest - SYMBITECH ASTRA Club



ANSYS Workshop



MESA (Mechanical Engineering Students' Association) Club

## STUDENTS ACHIEVEMENTS



1st prize at IIM Calcutta Innovation Park under the Design Impact Movement by TITANS with grant of Rs. 10 Lakhs.



2nd place at the National Level Design & FEA Competition organized by VSSC - Indian Space Research Organization, Thiruvananthapuram.



1st place in the i-nnovate Hackathon Challenge.



2nd place for the L&T EduTech Shrujana National talent Fest 2023 in Chennai with a prize sum of Rs. 50,000.



1st prize for 3D printed microchannel heat exchanger. Rs. 10000 prize research grant by ISHRAE.



2nd place at the State-Level Project Idea Competition by ISHRAE Pune. Student Project Research Grant (SPRG) 2025 of Rs. 50,000.

## NOTABLE ALUMNI



**Sri Hari Venkatesh N**  
Area Manager,  
Tata Motors  
Batch 2014-16



**Sneha Sonam**  
Assistant manager  
Deloitte  
Batch 2017-21



**Govinda Agarwal**  
Business Analyst  
StoneX Group  
Batch: 2020-24



**Siddarth Singh**  
Operation Associate  
Mercedes Benz  
Batch: 2020-24



**Anushka Suryawanshi**  
MS at Kingston Business School  
Batch: 2020-24



**Rachit Acharya**  
Samsonite (Intern)  
Batch: 2021-25

## ALUMNI TESTIMONIALS



**Ms. Ainulla Khan**  
Batch : 2014-18

I am an alumna of Symbiosis Institute of Technology, and my time at SIT played a crucial role in shaping my research journey. My final-year project on improving the machinability of bio-composites using

Abrasive Water Jet Machining gave me strong exposure to interdisciplinary research, combining Mechanical Engineering and Artificial Intelligence. This foundation helped me pursue my Master's at IIT Madras. I am currently working as an Applied Researcher at Fujitsu Research of India, and I am grateful to SIT and my faculty for providing the guidance and research platform that made this possible.



**Mr. Abhishek Rana**  
Batch:2015-19

I completed my B.Tech from Symbiosis Institute of Technology and later earned my MS from the University of Liverpool, but it was at SIT where my entrepreneurial journey truly began. Being actively involved in entrepreneurship initiatives like EPIC helped me develop confidence, leadership, and a passion for innovation. After gaining industry experience, I founded Codenera, which has grown from a small team into a large organization delivering enterprise-level SaaS solutions. My time at SIT instilled in me the perseverance and vision needed to turn ideas into reality.



**Mr. Prathamesh Shinde**  
Batch:2019-23

My journey at Symbiosis Institute of Technology has been truly transformative, both academically and personally. Beyond academics, my involvement in sports and cultural activities—serving on the Sports Council, captaining the football team, and leading events like PRO-TA—helped me build confidence, leadership, and teamwork skills. The supportive faculty and vibrant campus environment encouraged my holistic development and shaped me into a well-rounded individual. The memories, friendships, and values I gained at SIT will stay with me forever.

**Department of Mechanical Engineering**

Symbiosis Institute of Technology, Lavale, Pune – 412115

+91 8750942421 | headmech@sitpune.edu.in

www.sitpune.edu.in | in | f | @

