

MECHANICAL ALMANAC



JAN-JUN 2023



Vision and Mission

Trending this Semester...

- Collaboration with ARAI
- Visit to ACREX India
- Mega Launch of SIT Mechanical ISHRAE Pune Chapter

Vision of the Department

The Department of Mechanical Engineering envisions to be recognized as a leader in offering a value-based education by disseminating knowledge, skills, and empowering students for better career opportunities.

Mission of the Department

1. To promote value-based education in Mechanical Engineering by facilitating professional ethics & experiential learning for better employability.
2. To encourage students to excel in research, innovation & entrepreneurship skills for addressing societal needs.
3. To enhance students' skills by promoting industrial & international collaborations to foster global competencies.

Program Educational Objectives

1. Apply the fundamental knowledge & skills of Mechanical Engineering to analyse and solve real-world technical problems along with international significance.
2. Demonstrate creative, critical, and design thinking abilities by solving research problems in mechanical engineering of social relevance.
3. Communicate effectively and work as a team in multi-disciplinary domains with an entrepreneurial attitude and leadership qualities.

Industrial Connect

Department of Mechanical Engineering

Jan-Jun 2023



The Department of Mechanical Engineering SIT Pune at SIT- Symbiosis Institute of Technology is extremely happy to launch M.Tech in Automotive Engineering in collaboration with ARAI.

Symbiosis Institute of Technology, Pune hosted a ProTech23 event on 29th April, and we are thrilled to announce that the event featured a special guest, Mr. Vaidya who shared his valuable knowledge and experience with the attendees. The Protech included various interactive project, and poster competitions designed to engage and challenge the participants. We would like to thank all the participants, sponsors, and organizers for making this event a huge success. Posting the winning team TSSM'S Bhivrabai Sawant POLYTECHNIC NARHE with project of Hybrid Bike.



Industrial Connect

Department of Mechanical Engineering

Jan-Jun 2023

We are happy to share the glimpses of the visit of delegation of Vice Chancellors of Universities of Uttar Pradesh on 1st February to Symbiosis Institute Of Technology Pune.

The delegates were quite impressed by the work done by Faculties, staff and Students.



The Department of Mechanical Engineering at SIT conducted a visit to ACREX India 2023 for second and third year students on 16 March, 2023.



In the 22nd edition of ACREX INDIA the focus was on advancements in technology in the HVAC sector and engineering towards net zero. With participation of over 40 countries, it was South Asia's largest exhibition on air conditioning, heating, ventilation and intelligent buildings.

The students got a wonderful opportunity to interact with industry professionals and also got to see the live demonstration of various HVAC systems.

Events

Department of Mechanical Engineering

Jan-Jun 2023

SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE
Department of Mechanical Engineering
Organizes
Kick Start your Career in Advances of Mechanical Engineering

CAD Modelling **Slicing** **3D Printing**

Session:
Innovation in Additive Manufacturing and game changer in Industry 4.0
Experts: Prof. Vijaykumar S Jatti and Prof. Sarfaraj Shaikh
Date: 01/04/2023 (Saturday) Time: 9:00 am onwards
ADDRESS: Symbiosis Institute of Technology, Constituent of SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY), Near Lupin Research Park, Gram: Lavale, Tal: Mulshi, Pune 412 115
Stay Tune: [Social Media Icons] **Registration Link:** https://docs.google.com/forms/d/e/1FAIpQLSeNCgAbN2ET-DQYXQVv0UBeZvE5cd95idRygc-T0hg/viewform?usp=pp_url

Department of Mechanical Engineering, Symbiosis Institute of Technology, Pune is organized a free summer camp on advances in mechanical engineering in which, we covered very interesting topics like Additive manufacturing, Applications of IOT in Mechanical Engineering, and Hands-on Sessions on EV battery,

Memories were cherished by our passing out 2019-23 batch B.Tech. and 2021-23 M.Tech students at Symbiosis Institute Of Technology Pune on Farewell.

We are glad to share the glimpses of some mesmerizing performances by our students during the event.



Achievement- ISHRAE Pune Chapter

Department of Mechanical Engineering

Jan-Jun 2023

Professional Chapters have been an instrument of change and contributed largely to making engineering students industry ready!

The formal launch of SIT Mechanical Engineering Department's Indian Society of Heating Refrigerating and Air Conditioning Engineers (ISHRAE) was held on 11th Feb 2023 at Institute Auditorium, Pimpri Chinchwad College of Engineering.

Prof. Dr. Anirban Sur was felicitated as ISHRAE Symbiosis Chapter faculty advisor.

Following students took oath as office bearers.:

Treasurer - Tejas Shirgaonkar (Final year)

Secretary - Raunak Sharma (Third Year)

Treasurer - Yash Chawan (Third Year)

CWC Representative - Prem Pandit (Third Year)



Students' Achievement

Department of Mechanical Engineering

Jan-Jun 2023

SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE

Internship Offers : Mechanical Engineering Department
Academic Year : 2022-23

| | | |
|---|--|--|
|  Mohit Anand Phonon Communications Stipend : 15,000 |  Arnav Sharma IntelliSwift Stipend : 12,000 |  Harsh Vardhan Singh Verolt Engineering Stipend : 15,000 |
|  Abhinav Anand Verolt Engineering Stipend : 15,000 |  Geshwar Sharma TATA Motors Business Services Ltd Stipend : 10,000 |  Akhil Pandey GE Appliances Stipend : 25,000 |

• Arnav Sharma

2nd Growth | Product Strategy | Author | Winner - Case consulting @Harvard Business School; Winner @Intelliswift Hackathon.Growth | Product Strategy | Author | Winner - Case consulting @Harvard Business School; Winner @Intelliswift Hackathon 1W

• Raunak Sharma

1st degree connection 1st Student at SIT- Symbiosis Institute of Technology

• Vedant Summanwar

Mechanical Design Engineer- GET - at KOHLER

At Symbiosis Institute of Technology, final year undergraduates undergo a mandatory 6-month industrial internship to make students "Industry Ready".

We are happy to announce the bounty of Industrial Internship offers received by final year students of Mechanical Engineering Department.

We are thrilled to welcome our newest cohort of Graduate Engineer Trainees (GETs) to Kohler's India Technical Center (ITC) and Pune IT offices. 'Katerpillar,' our signature GET induction program, has equipped them to understand and immerse themselves in the Kohler culture.



Students' Achievement

Department of Mechanical Engineering

Jan-Jun 2023

Mechanical Engineering Department is proud to share that our department students were instrumental in winning FLAME University Football Tournament by defeating National Defense Academy in the Finals!!



Fourth Year Mechanical

- 1) Prathamesh Shinde
- 2) Manas Thaker

Third Year Mechanical

- 1) Karmrajsinhji Raulji
- 2) Haggai Moses

Second Year Mechanical

- 1) Pritish Babar
- 2) Satvik Nayak
- 3) Archas Rana
- 4) Aditya Patil

Faculty's Achievement

Department of Mechanical Engineering

Jan-Jun 2023

• Dr Anindita Roy

Faculty of Mechanical Engineering Department at SIT shares her experience as,

“

It was wonderful to share my views on the 6-year-long association with La Fondation Dassault Systems on the occasion of their 6th-anniversary celebration with 200+ associates all over India. It was great to learn about the phenomenal growth of La Fondation which has touched and transformed engineering colleges, startups and schools. I was fortunate to receive support for my first project from them and the association continues.. Thanks to all the wonderful people at Dassault Systems Fondation India.

”





The Editorial Team

Department of Mechanical Engineering

Jan-Jun 2023

Faculty Editor

Dr. Anindita Roy

Student Editorial Team

Rounak Sharma, Aditya Parab, Arjun Sharma,
Rachit Acharya, Nikita Morey, Ananya
Vishwakarma, Mazahir Nallawala,

Publisher

Department of Mechanical Engineering, SIT