



SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT)

Department of

Mechanical Engineering

ABOUT MECHANICAL DEPARTMENT

The Department of Mechanical Engineering offers B.Tech in Mechanical Engineering with an intake of 60 and M.Tech in Robotics and Automation with an intake of 18.

The department aims at imparting a 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 latest equipment for teaching, demonstration and research. To ensure the relevance of 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 broader domain of knowledge.



SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

Established under Section 3 of the UGC Act, 1956 | Re-accredited by NAAC with 'A' grade (3.58/4) | Awarded Category – I by UGC



Colonel (Dr) Anand Pandey

Professor and Head,
Mechanical Engineering
Department

Ph.D. (College of Engineering,
Pune, India)

M.Tech. in Mechanical Engineering from
(Jawarlal Nehru University,
New Delhi, India)

HIGHLIGHTS

Going beyond
classroom

Flexi credit
courses

Special diploma
in business
management

Value
addition
certificate
courses

Mentor-mentee
system and
remedial teaching

True blend
of cultures

Academic Curricula
benchmarked with
International Universities

Site visits, Workshops,
Technical events,
Guest Lectures

Best in class
infrastructural
facilities

Six months
industry internship

Learn foreign
languages

Service learning
activities

Tinker lab

Active
students'
body

Creative Thinking, Critical
Thinking, Design Thinking,
Entrepreneurship courses

Global Immersion
Program

Minor Specialization in AI/ML,
IoT and Embedded Technology

Honors Courses

- CAD-CAM
- Smart Manufacturing (INDUSTRY 4.0)
- Robotic Technology
- Heat Exchanger Design
- Automobile Engineering with hybrid and Autonomous Technology

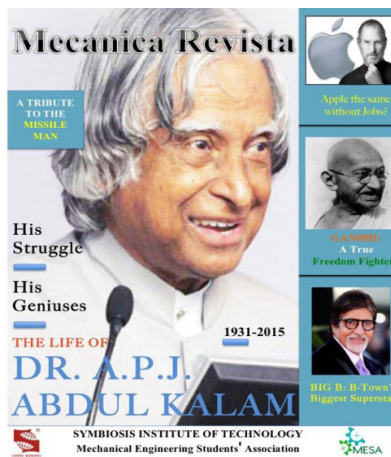
Active students' body “Mechanical Engineering Student Association (MESA)”:

MESA is an organization which comprises of students of Mechanical Engineering Program. The aim of the organization is to motivate the students to organize, to coordinate & to participate in Co-curricular Activities and Extra - Curricular Activities along with their regular Academic Activities. Such Activities helps the students to be more competitive in the era of Globalization. The objective of MESA is to promote an environment for the interaction between Mechanical Engineering students and with other relevant committees. MESA shall engage in activities related to society, academy and technical interests.

The MESA has a responsibility to provide the following to its member:

- To organize academic activities with the intention of improving the knowledge and experience of members in the diverse areas of Mechanical Engineering.
- To organize recreational and social activities in order to maintain friendship and co-operation among members and allow the exchange of ideas in an informal atmosphere.
- To provide a communication link between the members and the Department of Mechanical Engineering.

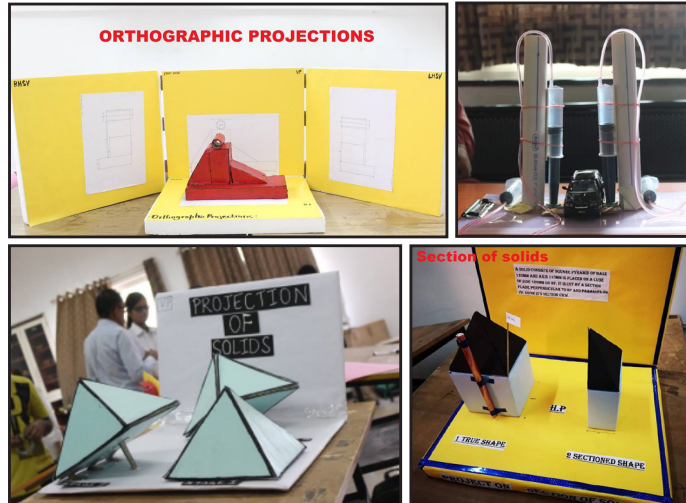
MESA Magazines



LEARNING OUTSIDE CLASSROOM

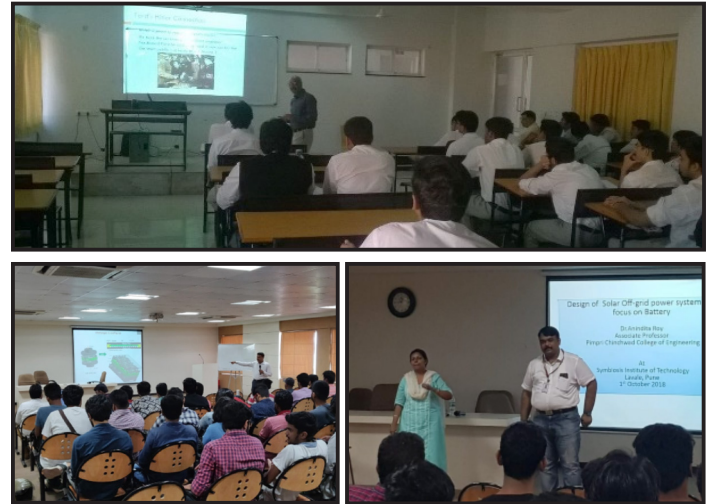
Collaborative and innovative teaching learning practices:

Mechanical Engineering at SIT delivers project based learning to the students to develop their knowledge and skills to face the technical challenges and solve real world problems.



Guest lectures:

Guest lectures on Optimization, Manufacturing, Material Science, Finite Element Analysis, IC Engine, Career building are held in order to enhance students educational experience.



Service Learning:

To develop skills in critical thinking, problem solving, leadership, decision making, collaboration and communication, students are involved in service learning activities.



Industry visits:

Industry visits bridge the gap between theoretical training and practical learning in a real-life environment.



AWARDS AND ACCOLADES

Awarded 2nd for Engineering Design at SUPRA SAEINDIA 2018



Wrench Welders Racing Go Kart secured 7th rank out of 132 teams all over India



6 MONTHS INTERNSHIP SEMESTER

Over **120+ companies** on board till date.

Over **500+ students** successfully completed their internship across various specialization of mechanical engineering.

10 students completed their internship in international universities.

MAJOR COMPANIES OFFERING INTERNSHIP

RECRUITMENTS

Mechanical engineering recruiters academic year 2018-19 & 2019-20

RESEARCH FUNDING

The Mechanical Engineering department projects are funded by the renowned societies of India where students can have collaboration opportunities.



Department of Sciences
& Technology
Government of India

INR 17 Lakh



INR 16.24 Lakh



INR 6 Lakh

Mechanical Engineering Design and Analysis Softwares

Mastercam



MATLAB



**AUTODESK
AUTOCAD**

**& many
more...**

ANSYS

CATIA

ProENGINEER

INTERNATIONALIZATION

Semester Abroad Programme

Atharva Dhatingan

15/1/2018 to 11/5/2018
Nanyang Technological
University, Singapore

Sakshi Labhane

5/1/2018 to 15/5/2018
IUPUI, USA

Shashank Lengade

11/3/2018 to 31/7/2018
INGOLSTADT UNIVERSITY,
GERMANY



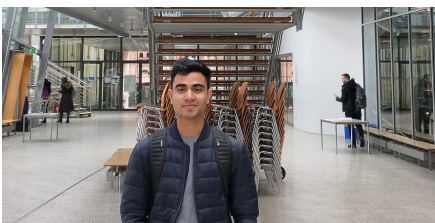
Mr. Mihir Gohad, 2018-22 batch participated at Sungkyunkwan University, Seoul, South Korea, Summer school, June-July 2019 & Won third place prize in ISS UCC contest



Rishik Sharma, 2016-20 Batch at Semester Exchange programme at Germany



Study tour Germany
11 June to 16 June 2019
Total Number of participation from Dept -32



Sudhanwa Jambhorkar, 2016-20 Batch, Semester exchange programme at Germany



Seminar on Higher Education in France by Embassy of France on 10th Feb. 2020



Winter School Programme Ecole De Management, Paris 9/12/2018 to 22/12/2018

ONLINE WEBINAR

Space material

Dr Kenneth Stanton, Professor, University College, Dublin, Ireland

Robotics, Automation and Control

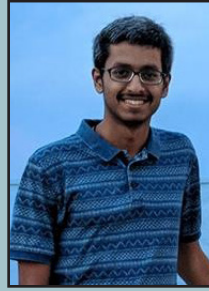
Dr. Ir. Iswanto, Electrical Engineering Deptt., Universitas Muhammadiyah Yogyakarta, Indonesia

ALUMNI



Mukul shinde

Batch: B.Tech 2014-18
Pursuing MSc in Illinois
Institute of Technology,
Chicago, IL, US



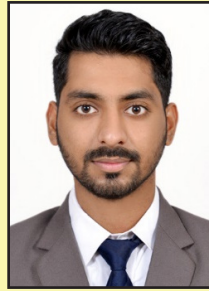
Siddhant Thakur

Batch: B.Tech 2014-18
Pursuing MSc in Illinois
Institute of Technology,
Chicago, IL, US



Siddhant Pravin Mhatre

Batch: B.Tech 2015-19
Pursuing MSc at Northeastern
University Toronto Campus
Toronto, Canada



Rishabh Ferwani

Batch: B.Tech 2016-20
Sr Product Compliance
Associate Amazon



Mohanraam Pillai

Batch: B.Tech 2014-18
Managing Director
TechMerger Enterprises
Pvt Ltd
Innovative Technocrats for
Planet Green Pune, India



Swapnil Das

Batch: B.Tech 2015-19
Assistant System Engineer
Tata Consultancy Services,
Bangalore

OPPORTUNITIES IN MECHANICAL ENGINEERING

GOVERNMENT AND PRIVATE JOB

- Multi National Companies
- National Laboratories
(Government Undertaking)

FURTHER STUDIES

- M.Tech
- MS
- PhD
- Post-doctoral degree from IITs
- NITs
- Foreign Universities

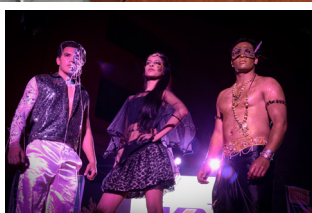
RESEARCH

- Design
- Thermal
- Manufacturing
- Structural Optimization
- Micro-machining
- Nano-technology
- Artificial Intelligence

BUSINESS

- Promoters
- Developers
- Authorized service provider for company
- Import-Export of mechanical components
- Special purposed machinery
- Tool Making
- Engineering experimental testing components
- Technical support in public spaces (viz. hospital and malls)

EXTRA CURRICULAR ACTIVITIES



Symbiosis Institute of Technology
Symbiosis International
(Deemed University)
Lavale, Pune,
Maharashtra 412115

☎ 020 2811 6300

🌐 www.sitpune.edu.in

