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SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT)

Constituent of SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)



INFORMATION BROCHURE '20

B.Tech

- » Artificial Intelligence And Machine Learning
- » Civil Engineering
- » Computer Science And Engineering
- » Electronics & Telecommunication
- » Mechanical Engineering

M.Tech

- » Artificial Intelligence And Machine Learning
- » Computer Science & Engineering
- » Computer Aided Design & manufacture
- » Embedded Syestems
- » Geoinformations & ST
- » Robotics & Automation

Ph.D.

- » AI & ML
- » Civil Engineering
- » CS & E
- » E&T
- » ME
- » Basic & Applied Sciences

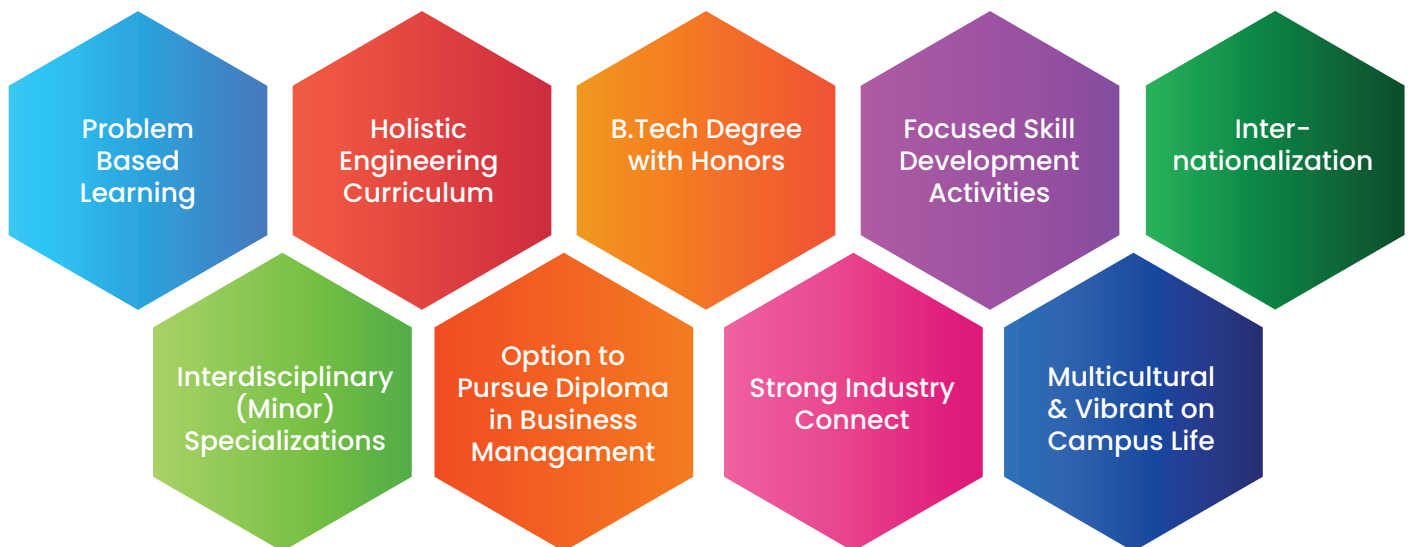
About Symbiosis Institute of Technology

- Symbiosis Institute of Technology, being the flagship institute of the prestigious Symbiosis International (Deemed University), has set high standards for itself.
- Quality education in line with the requirements of today's competitive industry and rapid development in technology.
- Provides an environment conducive for harnessing the potential of faculty and students through systematic & practical learning both within and outside the classrooms.

Among the initiatives taken to make SIT one of the most sought after institutes of technical education in the country, some are:

- **Highly qualified and experienced faculty** and their continual professional growth through attending conferences and publications of research paper.
- **Regular revision of curriculum** in line with the fast-changing need of the industry.
- **Employing innovative methods of teaching** and providing ample opportunities for learning outside the classroom through projects, technical fests, and cultural programmes.

The Symbiosis Advantage



Tinker lab

Tinker lab is an exclusive lab workspace for first-year students which is conducted in hands-on do-it-yourself mode. The aim of this lab is to make students learn, conceptualize and develop various engineering concepts with the help of live experimentation. It is a way of initiating students' creativity, curiosity and to instill a sense of confidence to think, explore and implement scientific ideas.



Nurturing the Future

Life at SIT

SIT provides a very enriching and rewarding experience to all students. Routine of students includes an optimal mix of work, play and leisure. Curriculum and pedagogy have been designed in a way to make the teaching-learning process both interesting and challenging. Project based learning, choice of elective subjects of one's interest, even from outside the curriculum of SIT, make the students really interested and involved. In addition, activities like Week-long Induction Programme, Mentor-Mentee system and strong bond between the students and faculty make the students always eager and motivated to learn. Year-round organization of technical, sports and cultural activities keep the students creatively engaged. Vibrant life on campus, pleasant weather of Pune, a food court on campus, city-transport, playgrounds, gymnasium and other facilities make the stay at SIT campus comfortable and conducive for learning and growth.



Students Club/Societies

Keeping in view the all-round development of students, the students of SIT actively organize and participate in various activities of various clubs and societies. The club V@rSITY-care of SIT is committed to spreading social awareness and community service amongst the students. The Entrepreneurship Promotion and Innovation Cell (EPIC) is an active student body, formed with the intention of promoting entrepreneurial spirit and culture for innovation. A multitude of activities/events are organized under Students' Departmental Societies like Civil Engineering Society of Symbiosis (CESS), Mechanical Engineering Students Association (MESA), Google Club (Computer Science Departmental Technical Society) and IEEE Student Chapter (Electronics and Telecommunication Department).



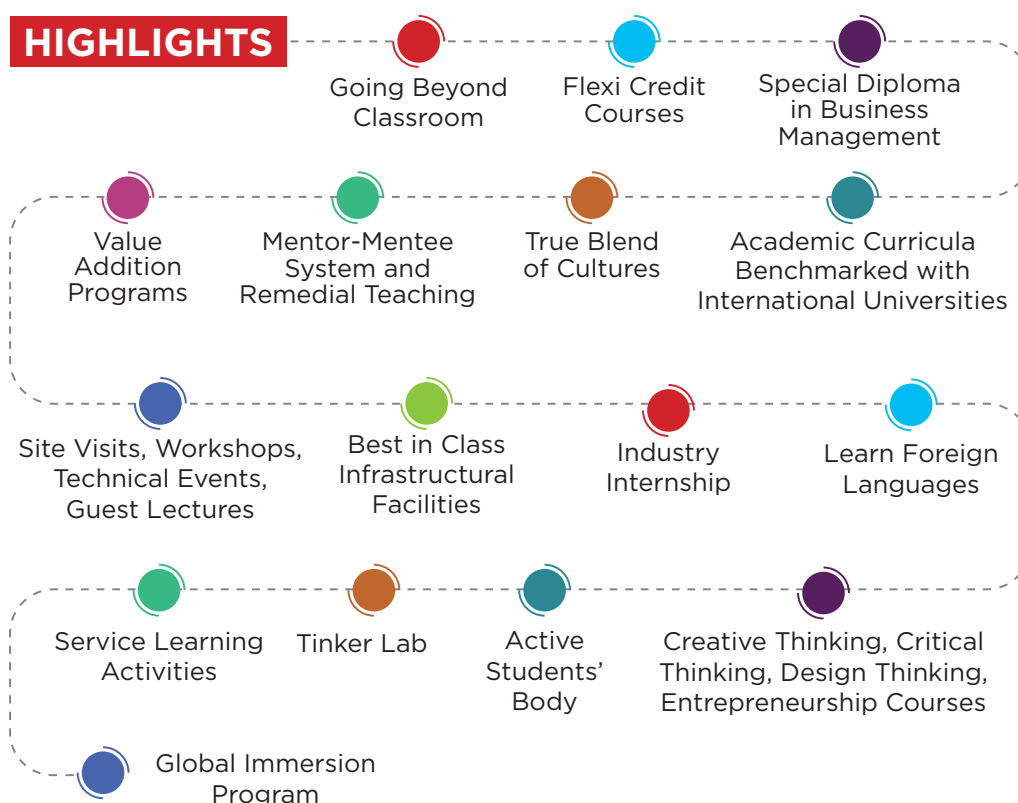
Promoting Entrepreneurship

Symbiosis Centre for Entrepreneurship & Innovation (SCEI) is a Government recognized and funded start-up Technology Business Incubator (TBI) that handholds individuals/entities with business/product ideas from ideation of spinoffs and start ups to the point of commercialization through provision of mentorship and services.

Promoting Research

Students of SIT are provided with opportunities to undertake research activities through internship and B. Tech projects at dedicated research centres on campus including Symbiosis Centre for Waste Resource Management (SCWRM), Symbiosis Center for Nanoscience and Nanotechnology (SCNN), Symbiosis Center for Medical Image Analysis (SCMIA), Symbiosis Centre for Applied Artificial Intelligence (SCAAI). Students work on funded projects to solve real life problems, leading to IP filing/ presentation at a conference /journal publications.

Highlights of Teaching – Learning Process @ SIT



International Initiatives

Symbiosis Centre for International Education takes a large number of initiatives for collaboration with foreign universities as follows:

- **Global Immersion Programme**
 - Semester abroad program
 - Summer schools
 - Semester exchange program
- **Scholar in Residence Programme and Joint Research Initiatives**
- **Summer/ Winter Internship**
- **Delivery of Lectures by Eminent Faculty**
- **International Industry Visits for Students**

Presently SIT has collaboration with:

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| <ul style="list-style-type: none"> • NTU, Singapore • Leibniz University Hannover, Germany • Ingolstadt, Germany • Ontario-Maharashtra-Goa Consortium(OMG)-Western University, Ontario • Ritsumeikan University, Japan • University of Wolverhampton, UK | <ul style="list-style-type: none"> • Loughborough University, UK • Telecom Ecole De Management, Paris • Purdue School of Engineering and Technology, IUPUI, USA • The University of Adelaide, Australia • The University of Queensland, Australia |
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Our students regularly visit some of these universities, and their students have been with us on Semester Abroad Programme and Study India Programme.

Internationalization @ SIT

MoUs with International Universities for Student Global Immersion Programme
(International Internships, Research Internships, Student Semester Exchange Programme, Summer and Winter Schools)



Add-on Programs

Civil Department

Honors Program

- Infrastructure Engineering and Management
- Environmental Hydraulics
- Geo-environmental Engineering
- Smart Cities and Urban Analytics
- GIS and Surveying Technology
- Structural Engineering

Minor Specialization

- Artificial Intelligence and Machine learning (CS)
- Internet of Things (CS)
- Automobile Engineering with Hybrid and Autonomous Technology (Mech)
- Data Science (CS)
- Embedded Systems (ETC)

CS Department

Honors Program

- Internet of Things
- Game Design & Development
- Artificial Intelligence and Machine Learning
- Data Science
- Security and Privacy
- Computing

Minor Specialization

- Smart Cities and Urban Analytics (CE)
- Automobile Engineering with Hybrid and Autonomous Technology (Mech)
- Embedded Systems (ETC)

E&TC Department

Honors Program

- Embedded Systems
- Mechatronics and Automation
- Bioelectronics Systems
- Signal Processing
- Optoelectronics and Communication
- Sustainable Energy Devices and Systems

Minor Specialization

- Artificial Intelligence and Machine Learning (CS)
- Internet of Things (CS)
- Automobile Engineering with Hybrid and Autonomous Technology (Mech)
- Data Science (CS)
- Smart Cities and Urban Analytics (CE)

Mechanical Department

Honors Program

- CAD-CAM
- Smart Manufacturing (Industry 4.0)
- Design of Heat Exchanger
- Automobile Engineering with Hybrid and Autonomous Technology

Minor Specialization

- Artificial Intelligence and Machine Learning (CS)
- Internet of Things (CS)
- Embedded Systems (ETC)
- Data Science (CS)
- Smart Cities and Urban Analytics (CE)

About Placements

- A very well organized placement and training cell.
- Preparation of Final Year students for campus interviews through special programs on technical and soft skills
- Leading companies from a multitude of sectors participate in Final Placements offering sought after profiles with competitive packages.
- The recruiter portfolio comprised a healthy mix of recruiters from IT sector and fast growing start-ups.
- Highly coveted companies award students for their excellent effort during internships and reputed corporate competitions PPOs.

Esteemed Placement & Internship Companies @ SIT

70+ Recruiters | Highest Domestic Package: 30 LPA | Highest International Package: 31 LPA | Highest Internship Stipend: 75K p.m.

Civil



Computer Science, AI & ML, E&TC



Mechanical



About Symbiosis International (Deemed University)

- One of India's leading educational Institutions imparting quality education for over 50 years.
- Established in the year 1971 by Dr. S.B. Mujumdar, Founder & President, Symbiosis and Chancellor, Symbiosis International (Deemed University).

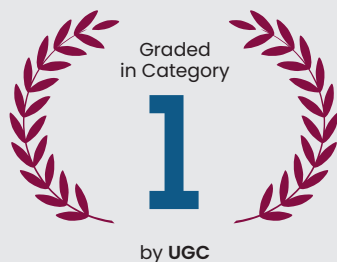
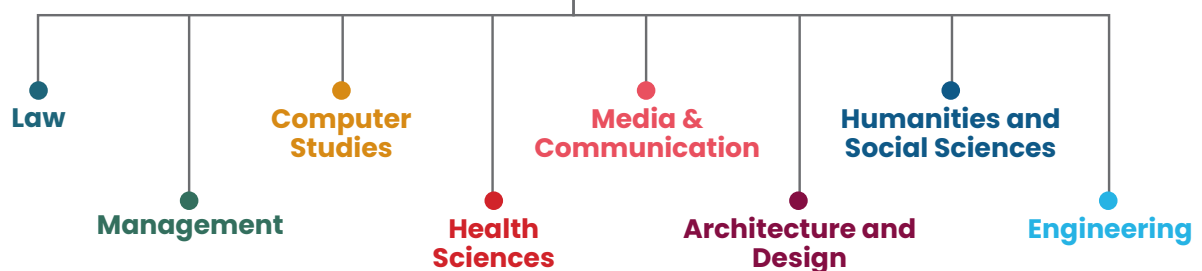
Symbiosis International (Deemed University)

31 Institutes spread over 10 campuses in Pune, Nashik, Bengaluru, Hyderabad, Noida & Nagpur

It hosts over 40,000+ Indian and International students on various Campuses.

Students from 85 countries are studying in various institutes of the University.

SIU offers programmes across eight faculties



OUR RANKINGS

India Today 2021



Among Top Emerging
Private Colleges in India



Among Top Private
Colleges in West Zone



Among Top Private Engg.
Colleges in India

India Today 2020



Among Emerging Private
Colleges of the Century



Among Private Engineering
Colleges in West Zone

Admission Enquiries

Program Name	Email ID	Phone No. (Landline)	Mobile No.
B.Tech	btechadmissions@sitpune.edu.in	+91-20-61936300 /6464/6419	9112299250 9112299251
Direct Second Year (Lateral Entry)	lateraladmissions@sitpune.edu.in	+91-20-61936300 /6464/6419	7262022404
M.Tech	mtechadmissions@sitpune.edu.in	+91-20-61936300 /6464/6419	7262055404

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