



SYMBIOSIS INSTITUTE OF TECHNOLOGY (SIT)

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



Celebrating 50 Years of Excellence



INFORMATION BROCHURE

B.Tech

- » Artificial Intelligence and Machine Learning
- » Civil Engineering
- » Computer Science and Engineering
- » Electronics and Telecommunication
- » Mechanical Engineering
- » Robotics and Automation

M.Tech

- » Artificial Intelligence and Machine Learning
- » Automotive Technology in collaboration with ARAI India
- » Embedded Systems
- » Engineering Design (By Research)
- » Robotics and Automation

Ph.D.

- » Artificial Intelligence and Machine Learning
- » Basic and Applied Sciences
- » Civil Engineering
- » Computer Science and Engineering
- » Electronics and Telecommunication
- » Mechanical Engineering
- » Robotics and Automation

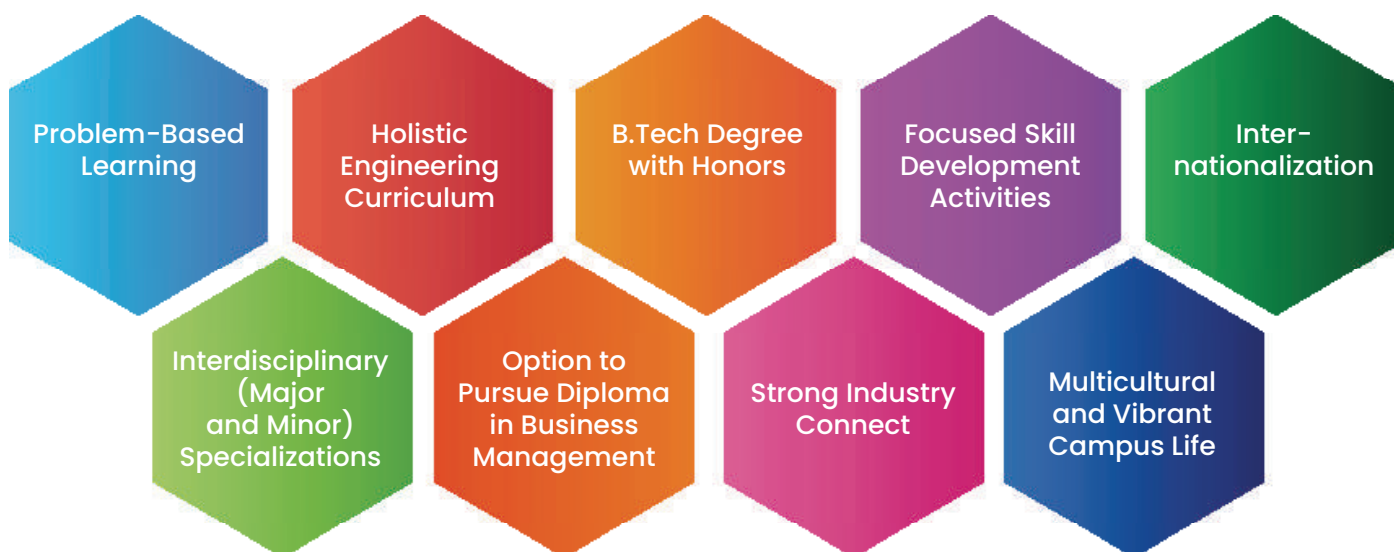
About Symbiosis Institute of Technology

- Symbiosis Institute of Technology, 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 and 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 needs 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



Institute Vision & Mission

Vision

To be a Centre of excellence for creation and dissemination of knowledge by imparting life skills and experiential learning for a promising future in the areas of engineering and technology

Mission

- To promote professional ethics and experiential learning for better employability.
- To contribute towards knowledge generation and dissemination in the field of engineering.
- To address societal problems by promoting research, innovation and entrepreneurship.
- To develop global competencies amongst students by fostering value-based education.
- To strengthen industrial, Institutional, and international collaborations for synergetic relations.

Nurturing the Future

Life at SIT

SIT provides a very enriching and rewarding experience to all students. The student routine includes an optimal mix of work, play and leisure. The 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 outside the SIT curriculum, make the students really interested and involved. In addition, activities like a week-long induction programme, the mentor-mentee system and a strong bond between the students and faculty keeps the students eager and motivated to learn. A year-round organisation of sports and cultural activities keep the students creatively engaged. The vibrant campus, the 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 and Societies

Keeping the all-round development of students in view, the students of SIT are encouraged to actively organise and participate in activities from various clubs and societies. The club V@rSITY-care of SIT is committed to spreading social awareness and community service amongst students. 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 and 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).

Student Clubs

- Artificial Intelligence
- Artificial Intelligence Social
- Blockchain
- CodeX
- Economics
- Electronic Design
- Internet of Things
- Google Development
- Robotic Process Automation
- Space and Astronomy
- Mathelete
- TED
- Literary

Student Chapters

- Association for Computing Machinery (ACM)
- American Society of Civil Engineers Student Chapter, SIT Pune
- Society of Automotive Engineers (SAE)
- Wrench Welders Racing (WWR)
- IEEE Robotics and Automation Society
- IEEE Student Chapter
- Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)
- Mechanical Engineering Students Association (MESA)



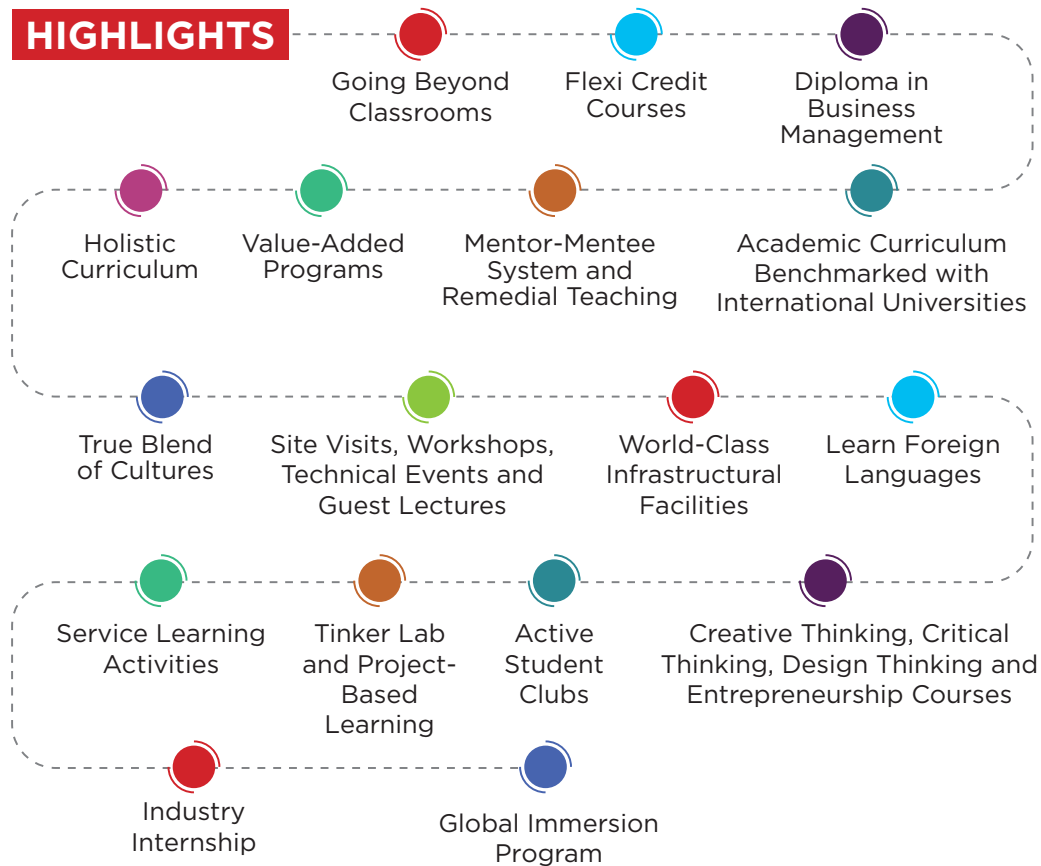
Promoting Entrepreneurship

Symbiosis Centre for Entrepreneurship & Innovation (SCEI) is a Government recognized and funded start-up Technology Business Incubator (TBI) that handholds individuals and entities with business and product ideas - from ideation of spinoffs and start ups to the point of commercialisation 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 Centre for Applied Artificial Intelligence (SCAAI). Students work on funded projects to solve real life problems, leading to IP filing and presentation at a conference or with journal publications.

Highlights of the Teaching-Learning Process at 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 and Winter Internship**
- **Delivery of Lectures by Eminent Faculty**
- **International Industry Visits for Students**

Presently, SIT has collaboration with:

- | | |
|---|--|
| <ul style="list-style-type: none"> • NTU, Singapore • Leibniz University Hannover, Germany • Ingolstadt, Germany • Ontario-Maharashtra-Goa Consortium (OMG)-Western University, Ontario, Canada • Ritsumeikan University, Japan • University of Wolverhampton, UK • Loughborough University, UK • Telecom Ecole De Management, Paris, France • Purdue School of Engineering and Technology, IUPUI, USA • The University of Adelaide, Australia • The University of Queensland, Australia | <ul style="list-style-type: none"> • University of Malaya • Curtin University • National University of Ireland, Galway • RUDN University • Josai International university, Japan. • Samarkand State University, Uzbekistan • Lingnan University, HongKong • Leeds Beckett University, UK • Nipissing University, Canada • Institut Mines-Telecom Business School, France • KTH Royal Institute of Technology, Sweden • University College, Dublin, Ireland |
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Our students regularly visit some of these universities, and their students have been with us on Semester-Abroad and Study in India programmes.

Internationalisation at SIT

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



International Delegate from
Loughborough University, UK



Study Tour in Germany



International delegate from
University College Dublin

Honours Programmes

The Honours programmes in B.Tech are offered as minor courses to other programs.

- Aerial Robotics and Drone Technology
- Artificial Intelligence and Machine Learning
- Automobile Engineering
- Bioelectronic Systems
- CAD/CAM/CAE
- Computing
- Data Science
- Design of Heat Exchangers
- Embedded Systems
- Environmental Hydraulics
- Game Design and Development
- Geoenvironmental Engineering

- GIS and Surveying Technology
- Infrastructure Engineering and Management
- Internet of Things
- Mechatronics and Automation
- Mechatronics and Manufacturing Automation
- Optoelectronics and Communication
- Security and Privacy
- Signal Processing
- Smart Cities and Urban Analytics
- Structural Engineering
- Sustainable Energy Devices and Systems



Computer Vision (IMAC) Lab



Robotics and Automation Lab



GPU Workstation lab

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
- Recruiter portfolio comprising a healthy mix of recruiters from the IT sector and fast growing start-ups
- Highly coveted companies students with PPOs during internships and corporate competitions

Esteemed Placement & Internship Companies

170+ Recruiters | Highest Domestic Package: 42 LPA |
Highest International Package: 31 LPA | Highest Internship Stipend: 75k

Civil



Computer Science Engineering, AI & ML, E&TC, Robotics & Automation



Mechanical, Robotics & Automation



OUR RANKINGS INDIA TODAY, 2022



Among Top Emerging Private
Colleges in India



Among Top Private Colleges
in the West Zone



Among Top Private Engineering
Colleges in India

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)

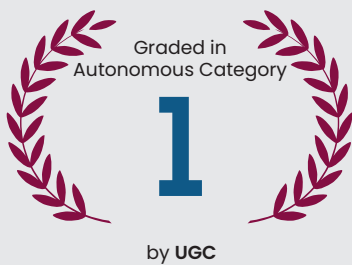
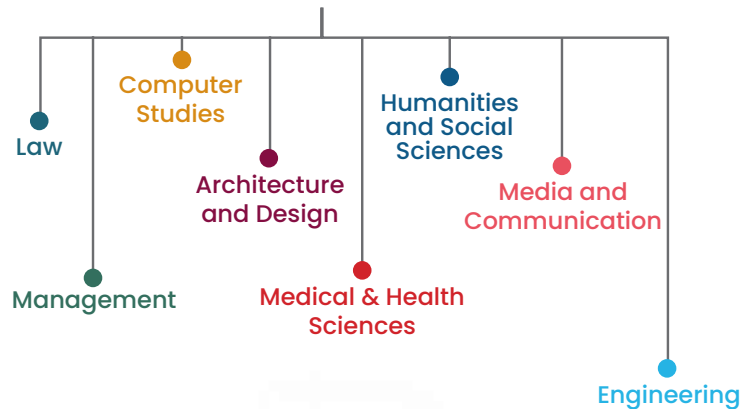
Symbiosis International (Deemed University)

41 Institutes over **11 campuses** in **Pune, Nashik, Bengaluru, Hyderabad, Noida and Nagpur**

It hosts over **40,000+ Indian and International students** on various campuses

Students from more than 85 countries are studying in various institutes of the university

Programmes Across Eight Faculties



Admission Enquiries

Program Name	Email ID	Phone No.	Mobile No.
B. Tech	btechadmissions@sitpune.edu.in	+91-20-28116300/ 6464/6419	+91 9112299250/ 9112299251
Direct Second Year (Lateral Entry)	lateraladmissions@sitpune.edu.in		+91 7262022404
M. Tech	mtechadmissions@sitpune.edu.in		+91 7262055404



Symbiosis Institute of Technology

Symbiosis International (Deemed University)
Lavale, Pune, Maharashtra - 412115
www.sitpune.edu.in

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

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