



SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE

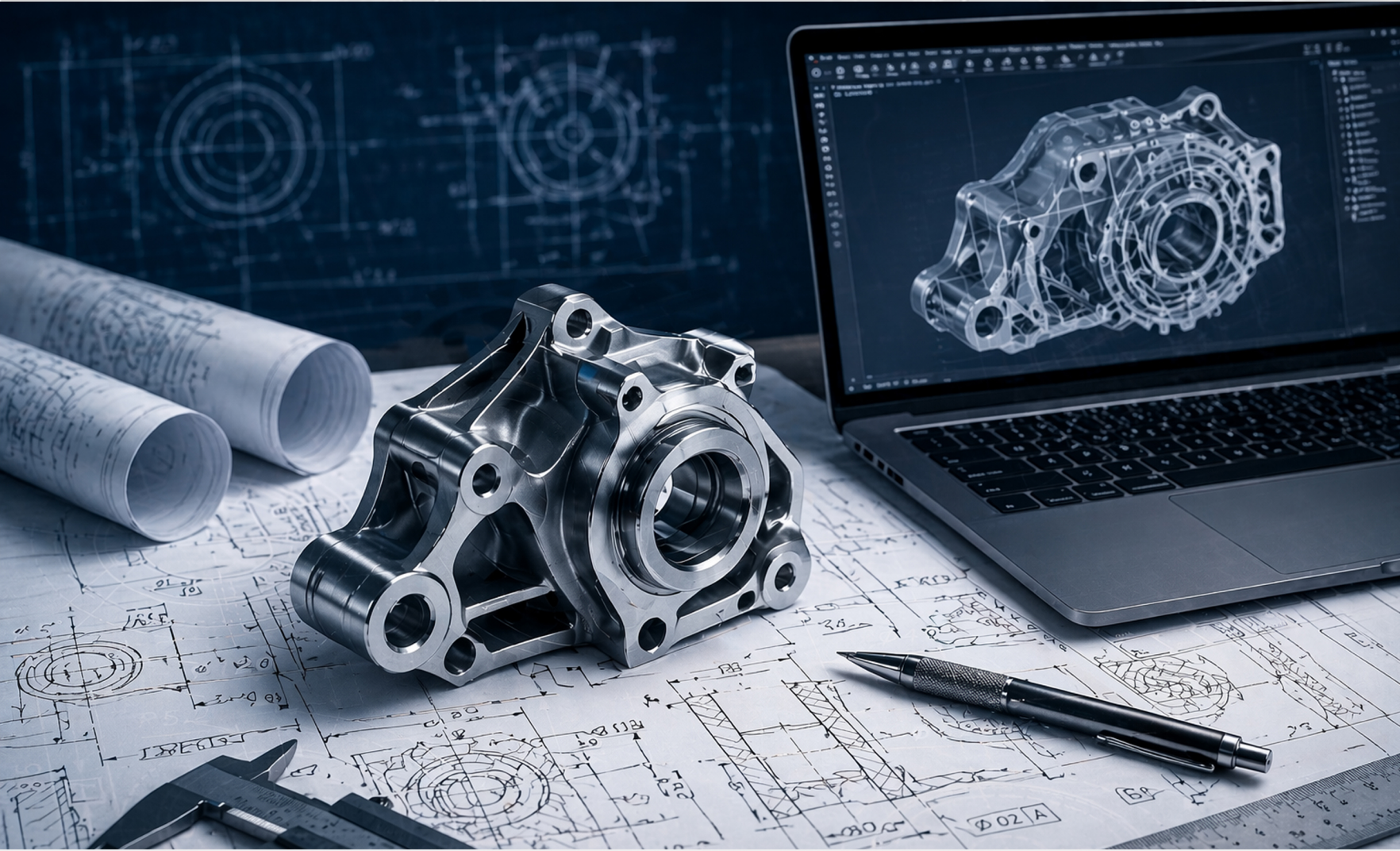
Constituent of Symbiosis International (Deemed University), Pune

(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



M.TECH (ENGINEERING DESIGN)

Intake 30 | M.Tech (2 year/3 year)



ABOUT THE PROGRAMME

M.TECH.(ENGINEERING DESIGN)

Offered by Symbiosis Institute of Technology (SIT), Pune, this postgraduate program emphasizes independent and multidisciplinary research supported by expert faculty mentorship. The program focuses on research methodology, ethics, technical communication, and innovation, enabling engineers to strengthen their analytical and problem-solving capabilities. Aligned with the NEP 2020 vision of multidisciplinary learning, the program prepares professionals for advanced R&D roles, innovation-driven careers, and doctoral studies.

RANKINGS OF 2025

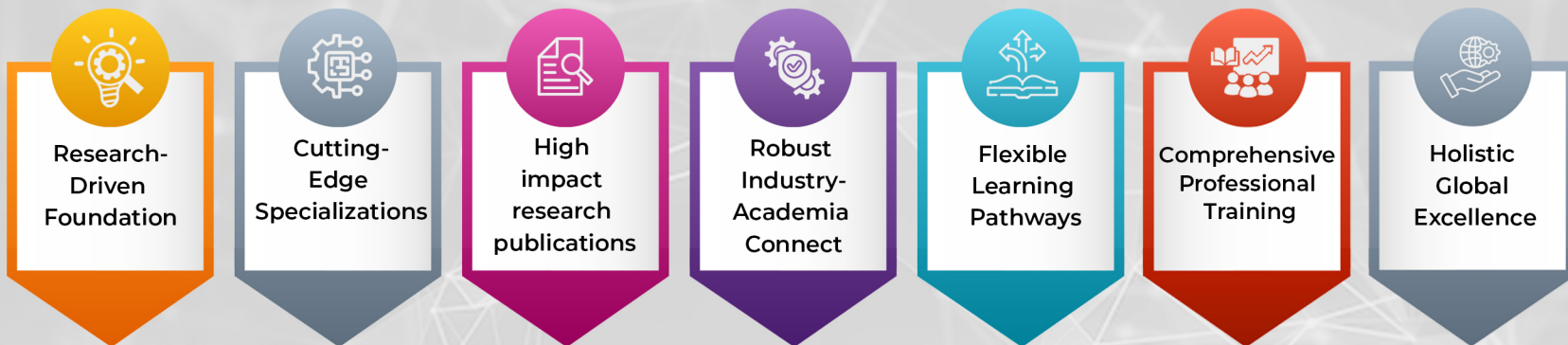


By NIRF in
Engineering For 2025



In Private Engineering
Colleges in India

PROGRAM HIGHLIGHTS



PROGRAMME GOALS

1. Promote independent research supported by expert faculty supervision.
2. Align research activities with individual career goals and emerging industry needs.
3. Encourage multidisciplinary research and innovation across engineering domains.
4. Strengthen core engineering knowledge and analytical capabilities.
5. Provide intensive research training to contribute to advancements in science, engineering, and technology.
6. Foster a strong research culture and strengthen industry-academia collaboration.

SPECIALIZATION AREAS

DEPARTMENT OF CIVIL ENGINEERING

1. Environmental Engineering
2. Geoinformatics and Geoscience
3. Water Resource Engineering
4. Transportation Engineering

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION

1. Signal and Image Processing
2. VLSI
3. Embedded Systems
4. Control Systems
5. Telecommunication

DEPARTMENT OF ROBOTICS & AUTOMATION

1. Aerial and Mobile Robotics
2. AI for Robotics and Automation
3. Robotic Process Automation (RPA)
4. IoT and IIoT
5. Additive and Smart Manufacturing

DEPARTMENT OF COMPUTER SCIENCE/AI & ML

1. Artificial Intelligence and Machine Learning
2. Natural Language Processing
3. Cloud Computing
4. Blockchain
5. Cyber Security
6. Internet of Things
7. Generative and Agentic AI

DEPARTMENT OF MECHANICAL ENGINEERING

1. Thermal Engineering
2. Manufacturing Technology
3. Design Engineering
4. Automobile Engineering
5. Material Science

DEPARTMENT OF APPLIED SCIENCES

1. Mathematics
2. Physics
3. Chemistry

