

भारतीय प्रौद्योगिकी संस्थान इंदौर
Indian Institute of Technology Indore



BROCHURE



Academic Year
2021-22

**International Affairs
& Outreach Office
IIT Indore**



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OVERVIEW

IIT INDORE



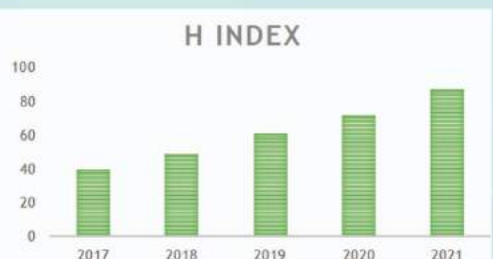
- Inception in 2009
- 2200+ students in UG, PG, and Ph.D. programs*
- Multi-disciplinary focus and foreign qualified faculty members
- More than 60 state-of-the-art Teaching and Research Laboratories
- Impressive 3rd rank in India under THE Rankings; 10th rank in Engineering category in NIRF Rankings 2020
- Green Campus in the middle of nature, Cashless campus, e-Vehicle for commute within the campus, International facilities etc.
- The highest number of foreign faculty short courses (GAIN) conducted per IIT Indore faculty (amongst all institutions)



RESEARCH



- Focus on interdisciplinary education and research
- International bilateral projects with institutes from Germany, USA, UK, France, Canada, Portugal, Japan, Russian Federation, Taiwan, Korea, South Africa and many more
- 75 patents filed and 6 granted
- Center of Innovation, Incubation, Entrepreneurship, and Industry Relations (CIIEIR) assisted formation of 17 start ups
- Externally funded research projects: 379 worth of Rs. 2.34 billion
- To promote and support research, IIT Indore has conducted several programs including PRIUS, CEP, IPR and IRC



Citations & H-index

ACADEMIC PROGRAMMES

AT IIT INDORE



B.Tech.

- Civil Engineering (CE)
- Computer Science and Engineering (CSE)
- Electrical Engineering (EE)
- Mechanical Engineering (ME)
- Metallurgy Engineering & Material Science (MEMS)

B.Tech + M.Tech

- Communication and Signal Processing (EE)
- VLSI Design and Nanoelectronics (EE)
- Mechanical System Design (ME)
- Production and Industrial Engineering (ME)

MS (Research)

- Computer Science and Engineering (CSE)
- Electrical Engineering (EE)
- Mechanical Engineering (ME)
- Space Science and Engineering
- Humanities and Social Science

M.Sc.

- Physics
- Chemistry
- Mathematics
- Biotechnology
- Astronomy

M.Tech.

- Communication and Signal Processing (EE)
- VLSI Design and Nanoelectronics (EE)
- Mechanical System Design (ME)
- Production and Industrial Engineering (ME)
- Materials Science and Engineering (MEMS)
- Metallurgy Engineering (MEMS)
- Electric Vehicle Technology
- Space Engineering
- Biomedical Engineering (from AY 2022-23)

Ph.D.

- Computer Science and Engineering
- Electrical Engineering
- Mechanical Engineering
- Civil Engineering
- Metallurgy Engineering and Materials Science
- Bio-sciences and Bio-medical Engineering
- Chemistry
- Physics
- Mathematics
- English
- Philosophy
- Economics
- Psychology
- Sociology
- Astronomy, Astrophysics and Space Engineering

*All PG programs have provision for internal conversion to PG + PhD.

INTERNATIONAL COLLABORATIONS ACROSS THE GLOBE



- More than fifty active MoU with foreign Universities
- Hosted number of international internship and exchange students
- Over 30 Bilateral research grants from around the Globe
- Over 70 approved projects under GIAN
- 20+ approved projects under SPARC, VAJRA and ASEM-DUO
- International students admitted through Study in India, ASEAN fellowship, ICCR and Student Exchange Programs
- A number of visits by reputed scientists and foreign faculties



INDUSTRY RELATIONS, INNOVATION AND ENTREPRENEURSHIP



- Organize annual Industry Academia Conclave to invigorate efforts towards joint ventures and partnerships
- Organize annual TEDx events to inspire, galvanize and orient students towards their goals

START-UPS AT IIT INDORE



INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

- Support India's socio-economic development with a vision to make faculty "entrepreneurial"
- Support on-campus student activities and student entrepreneurial ideas through Student Entrepreneurship Support Cell (SESC)
- Conduct annual e-Summit

VISION & MISSION



- Aims to transform knowledge and innovation into creation of successful innovative entrepreneurs
- Mentoring and developing competitiveness, Innovation, enhancing links between Industry and students to enable them develop emerging technology and be the best entrepreneurs
- Harness technology to address real-life challenges
- Create a sustainable green campus and promote it externally





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