## NITs & IIT Bombay

# EARLY INDUCTION PROGRAM

A strategic collaboration with NITs enabling meritorious students to join IIT Bombay from the 7th semester and direct MTech/PhD admission pathway.

# PROGRAM
## OVERVIEW

A strategic initiative enabling academic integration and early research induction for bright minds.

# INITIATIVE FRAMEWORK

## Program Objective

Enable high-performing NIT students to complete their final BTech year at IITB and seamlessly transition to MTech/PhD programs.

## Academic Structure

6th Sem Nomination → 1-Year Visiting Exchange (7th and 8th sem)→ B.Tech Completion → Direct Entry into M.Tech / Ph.D.(GATE Exempt).

## Governance

Rigorous department-level review process with specific quotas defined in formal MoUs with partner NITs.

## Capacity & Allocation

Intake is initially capped at 20% of the total MTech Teaching Assistantship and up to 5 seats per NIT for each department.
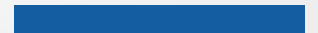
# Partnering Institutions for year 2026

NIT calicut

SVNIT Surat

NIT hamirpur

VNIT Nagpur

NIT Agartala

# Degrees offered under this collaboration



NITs will give a B.Tech Degree

IIT Bomaby will give Masters / PhD Degree

# Master Programmes @ IITB

**01** — **Engineerign and Science**

- [Master of Technology (M.Tech.) / Master of Technology (M.Tech.) + Doctor of Philosophy (Ph.D.) (Dual Degree)](#)
- [Master of Science (M.S.) by Research](#)
- [Master of Science (M.Sc.) and M.Sc.+ Ph.D. (Dual Degree)](#)
- [Master in Development Practice (MDP)](#)

**02** — **Design**

- [Master of Design (M. Des) / Master of Design (M. Des) by Research](#)

**03** — **Management**

- [Master of Business Administration (MBA)](#)
- [Executive Master of Business Administration (EMBA)](#)

**04** — **Humanities**

- [Master in Public Policy (MPP)](#)
- [Masters of Arts (MA) + Doctor of Philosophy (Ph.D.) (Dual Degree) in Philosophy](#)
- [Master of Arts by Research (MA.Res.)](#)

# PhD studies

Assistantship/ Fellowship
Hostel Eligibility

Teaching assistantship (TA)
MOE, GOI

The assistantship is payable for a maximum duration of 5 years or up to the thesis submission, whichever is earlier. The monthly rate of assistantship is Rs. 37,000/- for the first 2 years and enhanced rate of Rs. 42,000/- for the remaining period.

The continuation of assistantship under TA category will be subject to serving as a teaching assistant in a course / laboratory for 8 hours per week as assigned by the concerned academic unit as well as satisfactory academic performance.

# ELIGIBILITY
## CRITERIA

Candidates must maintain a **minimum CGPA of 8.0** at the time of nomination. A consistent record of academic excellence and strong standing within their home NIT department is mandatory.

**1** Academic Threshold

Students must maintain a minimum **CGPA of 7.0** at IIT Bombay during their 7th semester. Failure to meet this requirement may result in discontinuation from the programme, and the student will exit with a B.Tech. degree from the respective NIT only.

**2** Matching Academic Standard

Students shall register for and complete courses offered at IIT Bombay to fulfil the credit requirements of the B.Tech. degree, as identified and approved by the respective departments of the concerned NIT. The responsibility for credit transfer and certification of credits earned at IIT Bombay shall rest solely with IIT Bombay.

**3** Credit Mapping

## Major identified
# Departments

Aerospace Engineering        Mechanical Engineering        Civil Engineering

Electrical Engineering        Chemical Engineering

Energy Science and  Engineering        Computer Science and Engineering

Environment Science and Engineering    Metallurgical Engineering & Materials Science
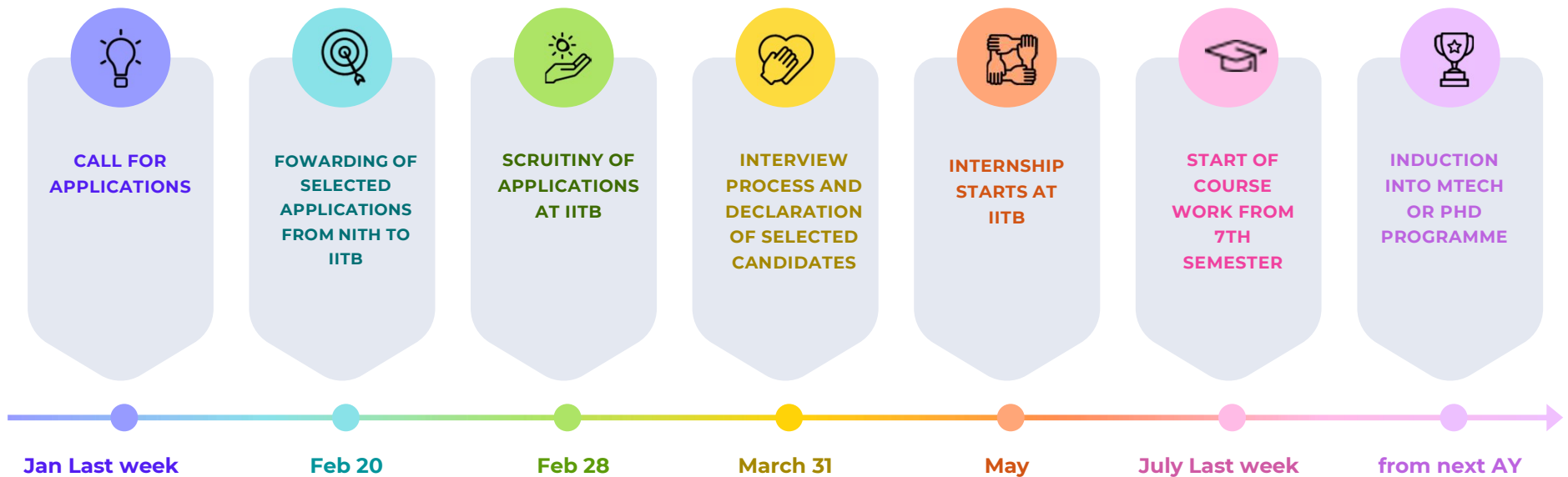
Industrial Engineering & Operations Research

**It starts with**

# Internship at IITB

Students from NITs will be eligible to pursue internship opportunities at IIT Bombay after the completion of their 6th semester. During this period, they will work under faculty-led research projects, laboratories, and ongoing institutional initiatives, gaining hands-on exposure to advanced research and innovation ecosystems.

These internships will be academically structured and, where applicable, aligned with the credit requirements at IIT Bombay, subject to departmental approval. This ensures that students not only gain practical experience but also fulfill their academic objectives in a meaningful and rigorous manner.

Selection Process & Proposed Timeline

# An Institute of Eminence

from 2018 by Ministry of Education, Govt. of India

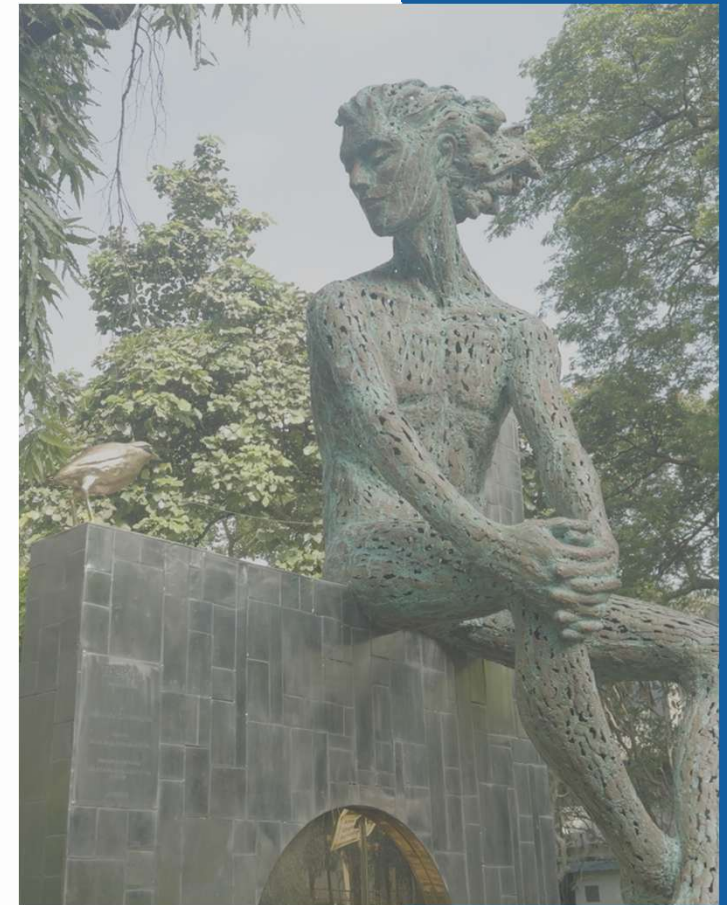600+ crores grant awarded for Research and Innovation

# Facts and Figures

**# 129 QS World University ranking**

▶ Departments:                                                17
   Schools of Excellence:                                      03
   Multi Disciplinary Centers:                                 38

▶ Students on roll : (Bachelors ~40%;          14400+
   Masters & PhD: 60%)

▶ Full time Faculty                                        760+

▶ Aumnies Network                                        75K+

▶ Campus Area                                          550+ Acre

📢 1st Choice for UG & PG Students; 49 of top 50
   Chose IIT Bombay (2025)

# Society for Innovation and Entrepreneurship (SINE)

An ecosystem to foster and support innovation and knowledge based entrepreneurship at IIT Bombay, since 2004

| 300+ | 1000+ | 100+ | 99 | 52 | 14 |
|------|-------|------|-----|-----|-----|
| Startups Supported | Entrepreneurs Supported | Current Companies | Graduate Companies | Folded | Merged/ Acquired |

**SINE Invested:**
*INR ~40 Cr .($5 mn)*

**Funds Raised by startups**
*INR ~7641 Cr. ($950 mn)*

**SINE vs External Funding:**
*1:190*

**Valuation of startups**
*INR ~29000 Cr. ($3.50 bn)*

**IP's Generated:**
*~300*

**Employment Generated**
*~10000*

# Research Park
# (A Strategic Industry-Academia Partnerships )

A hub for robust industry-academia collaboration, commercializing research for solutions to Indian and global technology challenges.

IIT BOMBAY RESEARCH PARK aspire

## Modes of Interaction

**R&D Projects**

[IITB Faculty]

**Jobs / Internships**

[IITB Students]

**Education & Training Programs**

[IITB Faculty]

Usage & Augmentation of IITB R&D Infra

# Life @ IIT Bombay
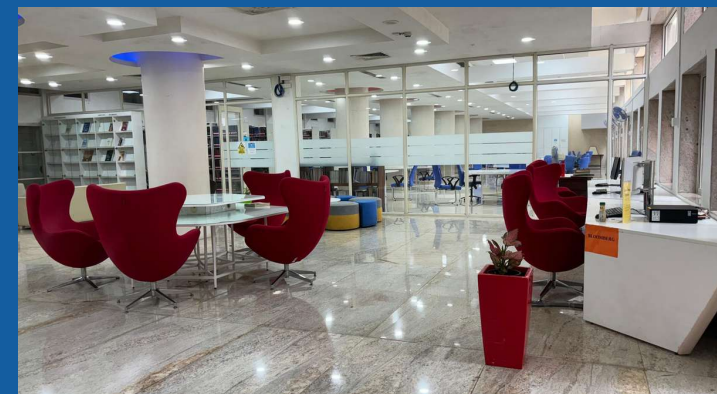
# Facilities



22 Hostels



02 Lecture Hall Complex



Inhouse & Open Sports Facilities
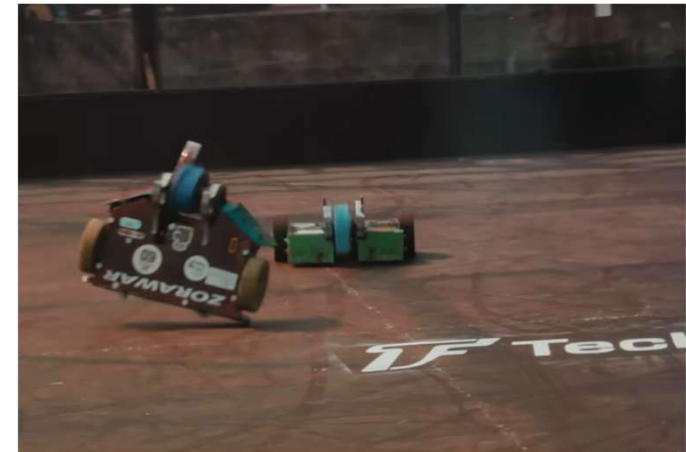


24x7 Library

# Events @ IITB

**Annual fests, competitions, and celebrations**



E-SUMMIT



MOOD INDIGO



TECH FEST

# Thank you

Office of Dean International Relations, IIT Bombay