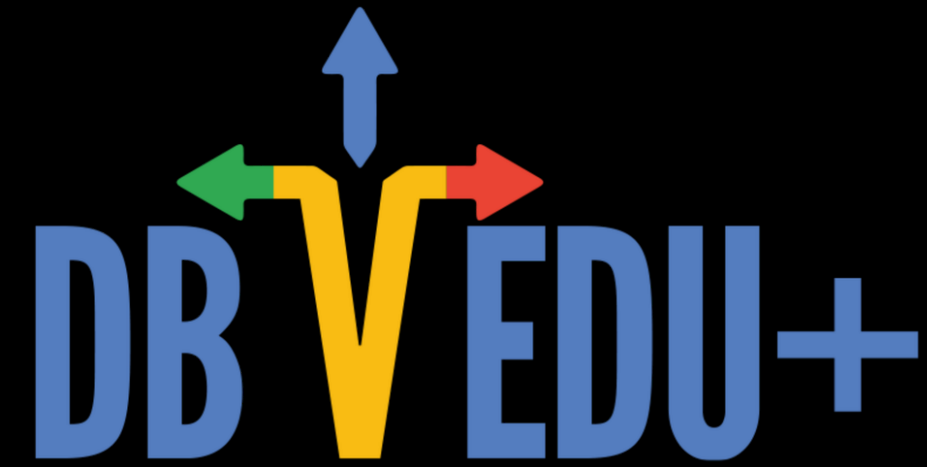




New Courses at IITs & IIMs



What This Deck Covers

01



IIT New Courses

Newly launched B.Tech, M.Tech & MSc programmes

02



IIT Eligibility Criteria

Entrance exams and qualifying requirements

03



IIM New Courses

New undergraduate & management programmes

04



IIM Eligibility Criteria

Admission routes and qualifying marks

05



Career Roles

Job roles emerging from each new programme

06



Key Takeaways

Comparative summary across IITs and IIMs

PART ONE

New Courses at the IITs





Newly Launched Programmes at IITs

IIT Madras

M.Tech Semiconductor Materials Technology, MA Public Policy, MSc Sustainable Engineering, MSc Offshore & Maritime Engineering, M.Tech Mechanical (Computational Engineering), M.Tech Electrical Engineering

IIT Delhi

B.Tech in Design

IIT Bombay

New industry-aligned programmes across engineering disciplines

IIT Kanpur

Expanded admission through Olympiads route, 2026



M.Tech in Semiconductor Materials Technology

Focus Areas

- Semiconductor fabrication processes
- Nanomanufacturing technologies
- Materials engineering
- Chip production systems

Eligibility

- B.Tech / B.E. in relevant engineering discipline
- Valid GATE score for admission

Career Roles

- Process Engineer
- Yield Enhancement Specialist
- Materials Scientist
- Semiconductor Manufacturing Expert

Aligned with India's push toward semiconductor self-reliance and electronics manufacturing growth.



MA in Public Policy

Curriculum Covers

- Healthcare policy
- Education policy
- Finance & governance
- Environment
- Transportation
- International relations

Eligibility

- Bachelor's degree in any discipline from a recognised university
- Admission via institute-specific selection process / interview

Career Roles

- Policy Analyst
- Government Administrator
- Public Sector Consultant
- Researcher at policy think-tanks



MSc Sustainable Engineering & Offshore-Maritime Engineering

MSc Sustainable Engineering



- Focus: environmental tech, resource management, climate-responsive engineering
- Eligibility: B.Tech / B.Sc in relevant science or engineering field
- Roles: Sustainability Analyst, Environmental Consultant, Green Technology Specialist

MSc Offshore & Maritime Engineering



- Focus: offshore structures, marine systems, ocean engineering technologies
- Eligibility: B.Tech / B.E. in Mechanical, Civil, Naval Architecture or allied field
- Roles: Marine Engineer, Offshore Structures Engineer, Maritime Operations Manager



M.Tech Mechanical (Computational) & Electrical Engineering

Computational Engineering for Mechanical Systems



- Focus: simulation technologies, advanced mechanical modelling, computational mechanics, data-driven engineering
- Eligibility: B.Tech / B.E. in Mechanical Engineering with valid GATE score
- Roles: Simulation Engineer, Systems Analyst, R&D Engineer

M.Tech Electrical Engineering



- Focus: modern electrical technologies and advanced system design
- Eligibility: B.Tech / B.E. in Electrical or allied engineering with valid GATE score
- Roles: Electrical Systems Designer, Power Systems Engineer, R&D Specialist



B.Tech in Design & Other New Programmes

IIT Delhi — B.Tech in Design



- Focus: product, interaction and industrial design blended with engineering
- Eligibility: Qualify JEE Advanced + admission via JoSAA counselling
- Roles: Product Designer, UX/UI Designer, Design Engineer

IIT Bombay & Other IITs



- New industry-aligned B.Tech and interdisciplinary programmes introduced for 2026 admissions
- Eligibility: JEE Advanced qualification + JoSAA counselling
- IIT Kanpur has expanded Olympiad-based admission for 2026



IIT JAM — Gateway to IIT Postgraduate Programmes

Most new M.Tech / MSc programmes at IITs admit students through JEE Advanced (UG), GATE (M.Tech) or IIT JAM (MSc/joint programmes).

- Bachelor's degree (B.Tech / B.Sc / B.E.) from a recognised university in a relevant field
- General & OBC category: minimum 55% aggregate marks or 5.5 CGPA out of 10
- SC, ST & PwD category: minimum 50% aggregate marks or 5.0 CGPA out of 10
- No upper age limit for appearing in IIT JAM
- Course-specific subject requirements at both UG and 10+2 level apply

PART TWO

New Courses at the IIMs





New 4-Year Undergraduate Programmes

B.Sc. (Hons) in Economics



with minors in Data Science & Business Studies

- 40 seats · residential, full-time at IIMB's Jigani campus
- Roles: Economic Analyst, Policy Researcher, Business Analyst

B.Sc. (Hons) in Data Science



with minors in Economics & Business Studies

- 40 seats · residential, full-time at IIMB's Jigani campus
- Roles: Data Analyst, Data Scientist, Business Intelligence Analyst

Eligibility Criteria

- Passed Class XII (or equivalent) from a recognised board
- Mathematics compulsory in Class XII
- Minimum 60% in Class X Mathematics
- Age: 20 years or below as of 1 August 2026
- Selection: IIMB-UAT entrance test + personal interview



B.S. in Digital Sciences & Business Management

A standalone 4-year undergraduate degree — not a conventional BBA — launching from the Pune satellite campus.

Focus Areas

- Data Science & Artificial Intelligence
- Blockchain & Automation
- Business Analytics

Eligibility & Roles

- Admission expected via entrance scores such as JEE Main (final process to be notified officially)
- Roles: Analytics Associate, Product/Project Manager, Digital Business Operations



IIM Flagship PGP / MBA — Eligibility Criteria

- Recognised bachelor's degree in any discipline with minimum 50% aggregate marks (45% for SC / ST / PwD)
- No mandatory work experience required for the flagship PGP
- No upper age limit for PGP admission
- Valid CAT score, with sectional cutoffs varying by IIM
- Final-year graduation students may apply, subject to completing requirements within the specified timeline
- Shortlisting also considers Class X, XII and graduation academic performance, followed by Written Ability Test / Personal Interview
- Reservation policy: 27% NC-OBC, 15% SC, 7.5% ST, 10% EWS, 5% PwD



IIT vs IIM — New Programmes at a Glance

Institute	New Programme	Entry Route	Sample Roles
IIT Madras	M.Tech Semiconductor Materials Tech	GATE	Process Engineer, Materials Scientist
IIT Madras	MA Public Policy	Institute Selection	Policy Analyst, Administrator
IIT Delhi	B.Tech in Design	JEE Advanced	Product / UX Designer
IIM Bangalore	B.Sc (Hons) Data Science / Economics	IIMB-UAT + PI	Data Analyst, Economic Analyst
IIM Mumbai	B.S. Digital Sciences & Business Mgmt	JEE Main (expected)	Analytics Associate, Product Manager

KEY TAKEAWAYS

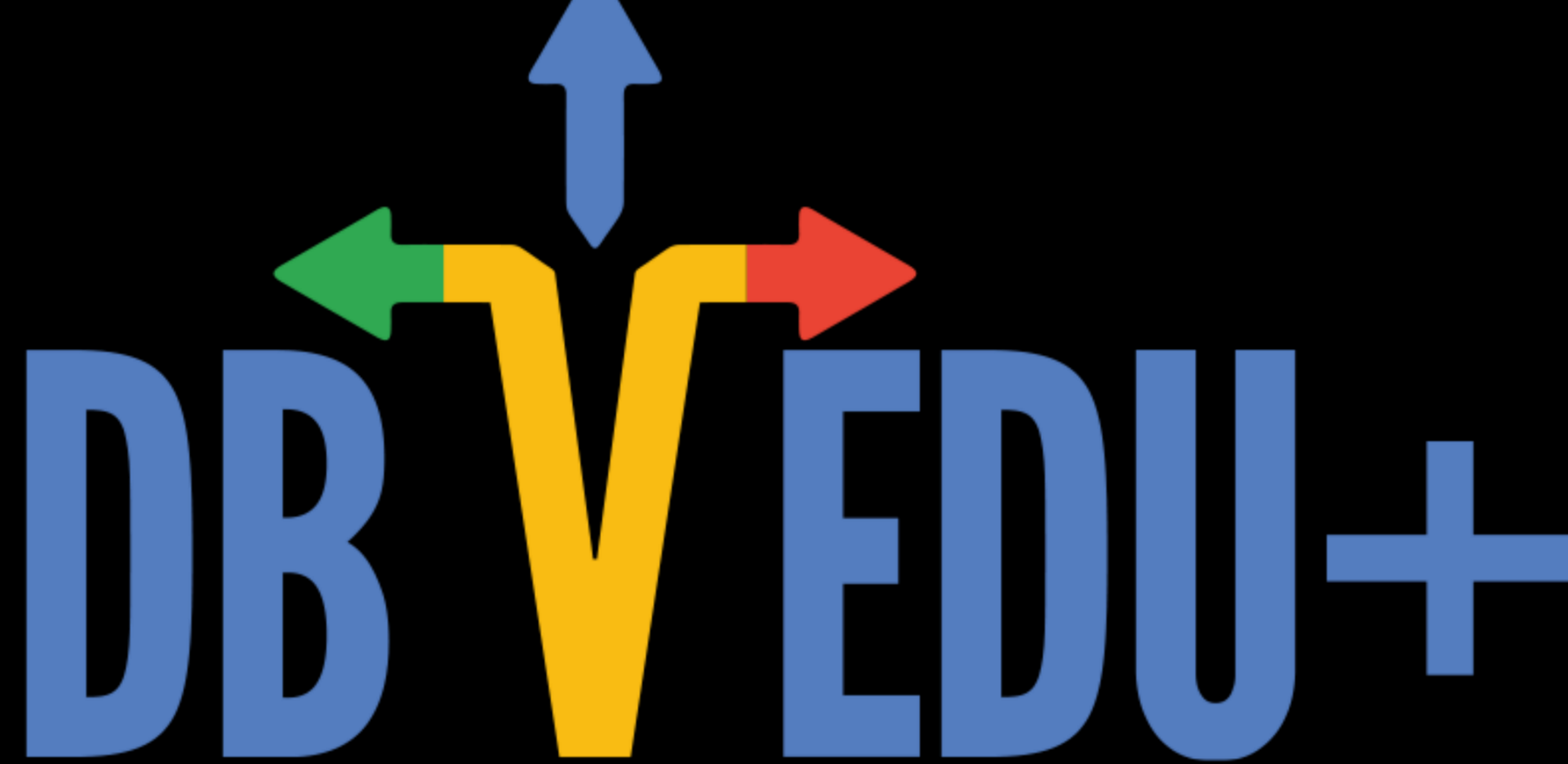
What This Means for Aspirants



- IITs are diversifying beyond core engineering into design, public policy, sustainability and maritime domains
- IIMs are entering undergraduate education for the first time with data-driven, interdisciplinary degrees
- Entrance routes differ by level: JEE Advanced (UG), GATE / JAM (PG) for IITs; IIMB-UAT / CAT for IIMs
- New programmes are designed for direct alignment with emerging job roles in tech, policy and analytics

Thank You

Always verify final eligibility and dates on official institute websites.



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