

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD

सूचना विवरणिका
INFORMATION BROCHURE
अंडर ग्रेजुएट प्रवेश 2026-27
UNDER GRADUATE ADMISSION 2026-27
<https://www.iitism.ac.in>



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ) धनबाद

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✓ 4 Years, B. Tech.

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Engineering Physics
Environmental Engineering
Geological Engineering
Geophysical Technology
Mechanical Engineering
Mining Engineering
Mining Machinery Engineering
Petroleum Engineering
Mineral and Metallurgical Engineering
Mathematics and Computing

✓ 5 Years, Integrated BS-MS.

Physical Science
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✓ 5 Years, Dual Degree B.Tech. & MBA

B.Tech Mining Engineering and MBA in Logistic
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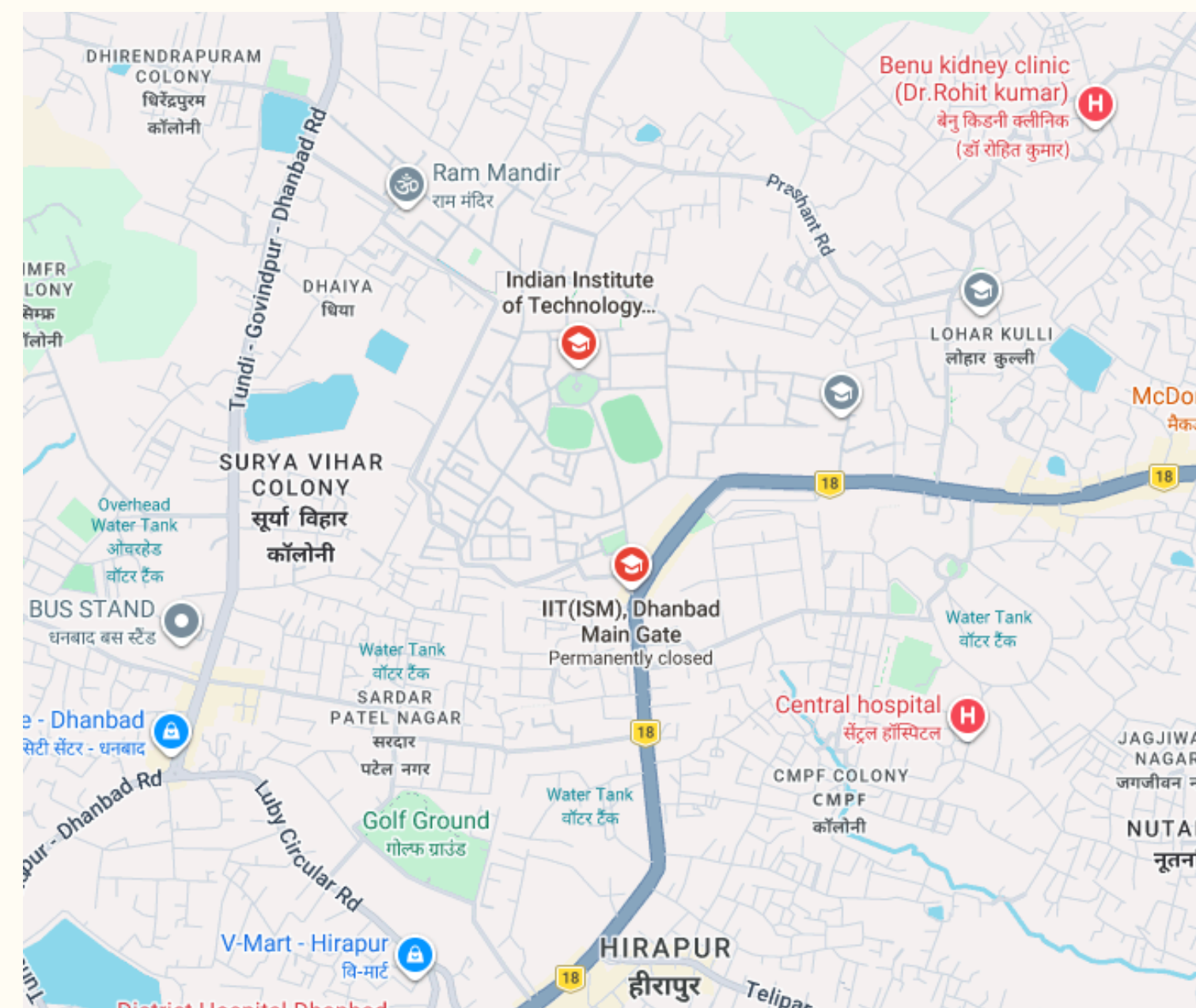


➔ 1. About the Institute

Indian Institute of Technology (Indian School of Mines) Dhanbad was established in 1926, and offers B. Tech., Dual-Degree (B. Tech. and M.Tech/MBA), Integrated M.Tech/BS-MS, M.Sc./M.Sc. Tech., M.Tech, MBA and Ph.D. in various areas of Science: | Applied Geology | Applied Geophysics | Chemistry & Chemical Biology | Mathematics & Computing | Physics, Engineering: | Chemical | Civil | Computer Science and Engineering | Electrical | Electronics | Environmental Science and Engineering | Fuel, Minerals & Metallurgical Engineering | Industrial Engg. | Mechanical | Mining | Mining Machinery | Petroleum, Humanities and Management. IIT (ISM) has century long credentials of outperforming achievements/contributions in academia and the industry. It has been focusing its academic and research activities on various aspects of science, technology and industry, occupying a unique position not only in India, but also abroad. It has substantially contributed to the development of the Science, Engineering and Mineral sector through its inhouse state-of-the-art facilities for advanced studies and research.

➔ 1.1 Location of the Institute

IIT(ISM) is located in the city of Dhanbad, the coal capital of India, which is at the heart of major Indian coalfields, in the state of Jharkhand. One can reach Dhanbad by rail and road. It is 260 km from Kolkata and 160 km from Ranchi. Nearby airports are in Kolkata, Durgapur and Ranchi. Deluxe and Express buses run regularly from Kolkata, Ranchi, Jamshedpur and Bokaro to Dhanbad. IIT(ISM) campus is just 3 km away from Dhanbad railway station where taxis and autos operate round the clock.





2.0 ACADEMICS

IIT (ISM) offers the following programs for students admitted through JEE (Adv.):

- ✓ 4 years, Bachelor of Technology (B.Tech.)
- ✓ 5 years, Integrated BS-MS
- ✓ 5 years, Dual-Degree (B. Tech. in Mining Engg. from IIT (ISM) Dhanbad + MBA in Logistics and Supply Chain Management from IIM Mumbai).

In addition, the following unique offerings, and additional choices for the enrolled students:

Dual Degree:

Category A: B.Tech. & M. Tech. Degree in the same Discipline/Department.

Category B: B.Tech. Degree in the parent Discipline/Department and the M. Tech. Degree in a different Discipline/Department.

Category C1: B.Tech. Degree in the parent Discipline/Department and an MBA Degree.

Category C2: B.Tech. Degree in the parent Discipline/Department and an MBA BA Degree.

Category-D: B.Tech. Degree in the parent Discipline/Department from IIT (ISM) Dhanbad and an MBA Degree from IIM Mumbai.

Minors (in more than 15 titles)

Honours (in more than 12 departments)

Double Major

The top rankers (maximum 10 students) admitted to the UG programs of IIT (ISM) Dhanbad through JEE Advanced will be provided full tuition fee waiver at throughout the duration of their UG program subject to fulfillment of all the conditions given in the following points –

- (i) The candidates should be in top 1000 as per their rank in the common rank list (CRL) of JEE (Advanced) of the year of admission.
- (ii) Among the candidates from the above list who fulfil the IIT (ISM) Dhanbad's eligibility criteria for admission and take admission in IIT (ISM) Dhanbad, the top 10 candidates, based on their rank in the common rank list of JEE (Advanced) of the year of admission, will be provided full tuition fee waiver at IIT (ISM) Dhanbad throughout the duration of their UG program.
- (iii) In case of any major disciplinary action against the student, the tuition fee waiver will not be provided from the subsequent semester.

2.1 UNDERGRADUATE PROGRAMS

✓ Program

→ 4 Years, B. Tech

Chemical Engineering
Electrical Engineering
Environmental Engineering
Mechanical Engineering
Petroleum Engineering

Civil Engineering
Electronics and Comm. Engineering
Geological Engineering*
Mining Engineering *
Mineral and Metallurgical Engineering

Computer Science and Engineering
Engineering Physics
Geophysical Technology*
Mining Machinery Engineering *
Mathematics and Computing

→ 5 Years, Integrated BS-MS.

Physical Science
Chemical Science

→ 5 Years, Dual Degree B.Tech. & MBA

B.Tech Mining Engineering and
MBA in Logistic and Supply Chain
Management (IIM Mumbai)* \$

*PwD candidates with locomotor disability and Candidates with colour blindness are not allowed in Geological Engineering/Geophysical Technology.

It is pertinent to mention here that there are some jobs in Mining Engineering/Mining Machinery Engineering/ Geological Engineering/Geophysical Technology where restriction in application for PwD candidates or for PwD candidates with Locomotor / Visual impairment or for candidates with colour blindness may be imposed by the employers. However, such candidates, except those as mentioned in point 1 above, will be admitted to Mining Engineering/Mining Machinery Engineering/ Geological Engineering/Geophysical Technology related courses at IIT (ISM) Dhanbad.

It is also pertinent to mention here that there is Gender Restriction for the employment of Females in Mining Engineering Profession. As per Section 46 (1) of the Mines Act, 1952- “No woman shall, notwithstanding anything contained in any other law, be employed (a) in any part of a mine which is below ground, (b) in any mine above ground except between 06:00 and 19:00 hrs.” [Also refer the Gazette Notification 393{S.O.506(E)} dated 29th January 2019]. However, there is no restriction in admitting female candidates to the Mining Engineering or Mining Machinery Engineering related academic programmes at IIT (ISM) Dhanbad.

\$ The 5 years Dual Degree program (B.Tech. in Mining Engineering, IIT(ISM) Dhanbad) & (MBA in Logistics and Supply Chain Management, IIM Mumbai) with intake 60 is jointly offered by IIT(ISM) Dhanbad and IIM Mumbai w.e.f. Academic Session 2025-2026.



2.1.1 Chemical Engineering



IIT (ISM) DHANBAD
DEPARTMENT OF CHEMICAL ENGINEERING

B.Tech PROGRAM
Join the Department of Chemical Engineering at IIT (ISM) Dhanbad and be part of a legacy in excellence and innovation!

- State-of-the-art laboratories
- Innovative curriculum & research
- Great campus and job placement opportunities

APPLY NOW!

www.iitism.ac.in
jeea@iitism.ac.in | +91-326-223-5325

2.1.2 Civil Engineering



IIT (ISM) DHANBAD
DEPARTMENT OF CIVIL ENGINEERING
B.Tech in Civil Engineering (4 year Program)



Why Should You Choose Us

- Advanced 8 + Laboratories
- 25+ Experienced Faculty
- Research Opportunities
- Industrial Collaborations
- Gender Neutral

Specialisations

- Structural Engineering
- Geotechnical Engineering
- Water Resources Engineering
- Transportation Engineering

Career Prospects

- Core Civil Engineering
- Public Sector Units
- Higher Studies & Research Prospects
- Analytics & Consulting
- Entrepreneurship
- Software Engineering

Past Recruiters



Achievements

- Anand Kumar, SDE @ Walmart
- Adesh Sinha, SDE @ Zepto
- Prabhat Ranjan, Larsen and Toubro
- Abhijith Sangarsu, Candidate Master @ CodeFroces
- Kavya Sharma, First Runner Up at Unistop Intern Park
- Payal Prajapati, Winner @ Dantsu Algorith & Finalist at BNY Code Bias

200+ Research Publications
16L Avg CTC of 2024 Placements (INR)

Contact Us

ce@iitism.ac.in
+91-326-2235289

Visit our Website

2.1.3 Computer Science and Engineering

A Legacy of Excellence: Inception and Growth

Established in 1997, the Department of Computer Science and Engineering (CSE) at IIT (ISM) Dhanbad admitted its first B.Tech. batch in 1998, who graduated in 2002. Since then, the department has evolved into a premier center of academic and research excellence in the country. Over the years, the department has consistently produced industry leaders, renowned researchers, and innovative entrepreneurs.

B.Tech. in Computer Science and Engineering

The flagship undergraduate program, designed to build strong foundations in core areas of computer science while offering exposure to modern advancements

Key Features:

- Core courses: Data Structures, Algorithms, Computer Networks, Operating Systems, DBMS, Compiler Design, etc.
- Electives in AI/ML, Cloud Computing, Blockchain, Quantum Computing, Cybersecurity, etc.
- Project-based learning and hands-on labs.

Opportunities for:

Minor: Specialization in a department other than the parent department as a Minor by doing extra courses as prescribed by the offering department. The student must complete the requirement for 'Minor' within the stipulated timeframe of the program in which s/he is enrolled.

Dual Degree Programmes: This is a 5-year programme in which a student earns a Bachelor's (B.Tech.) and a Master's (M.Tech. /MBA) degree.

Double Major Programmes: This is a 5-year programme with major in two departments/disciplines that offer B.Tech. Degrees. B.Tech. in parent department and Second Major degree in another Department. The First Major is in the parent department, while the Second Major is in the department to which the student opts for this purpose after the 4th semester.

Placement and Internship Highlights:

The department consistently achieves excellent placement records, with top recruiters from both core technology and interdisciplinary sectors. According to the latest statistics:

I. Placement Statistics:

Highest Package: ₹50+ LPA

Average Package: ₹22.6 LPA

Recruiters: Google, Microsoft, Adobe, Amazon, Goldman Sachs, Atlassian, and more.

II. Internship Statistics:

100% internship rate for eligible B.Tech students.

Internships at firms like Google, Microsoft, Adobe, DRDO, and Barclays.

Students also participate in research internships at foreign universities and institutes of national importance.

CSES Activities and Student Engagement

The Computer Science and Engineering Society (CSES) of the department plays a pivotal role in fostering leadership, collaboration, and technical excellence among students. Highlights include:

Flagship Events:

Codessey 1.0 – Competitive coding showdown based on ICPC-style rules.

Codesshe 1.0 – Women-only programming contest promoting inclusivity in tech.

Agglomeration 1.0 – A unique auction-based hackathon blending strategy with coding.

Recruitathon 1.0 – Web development contest cum recruitment challenge by WebCSE.

Cultural Initiatives:

Udbhav 2024 – The department's cultural fest with music, drama, and art competitions.

Yaadein 1.0 – Farewell for graduating students celebrating their legacy.

CodeISM – The premier coding community of the department. The students are engaged in offering coding classes to all interested students.

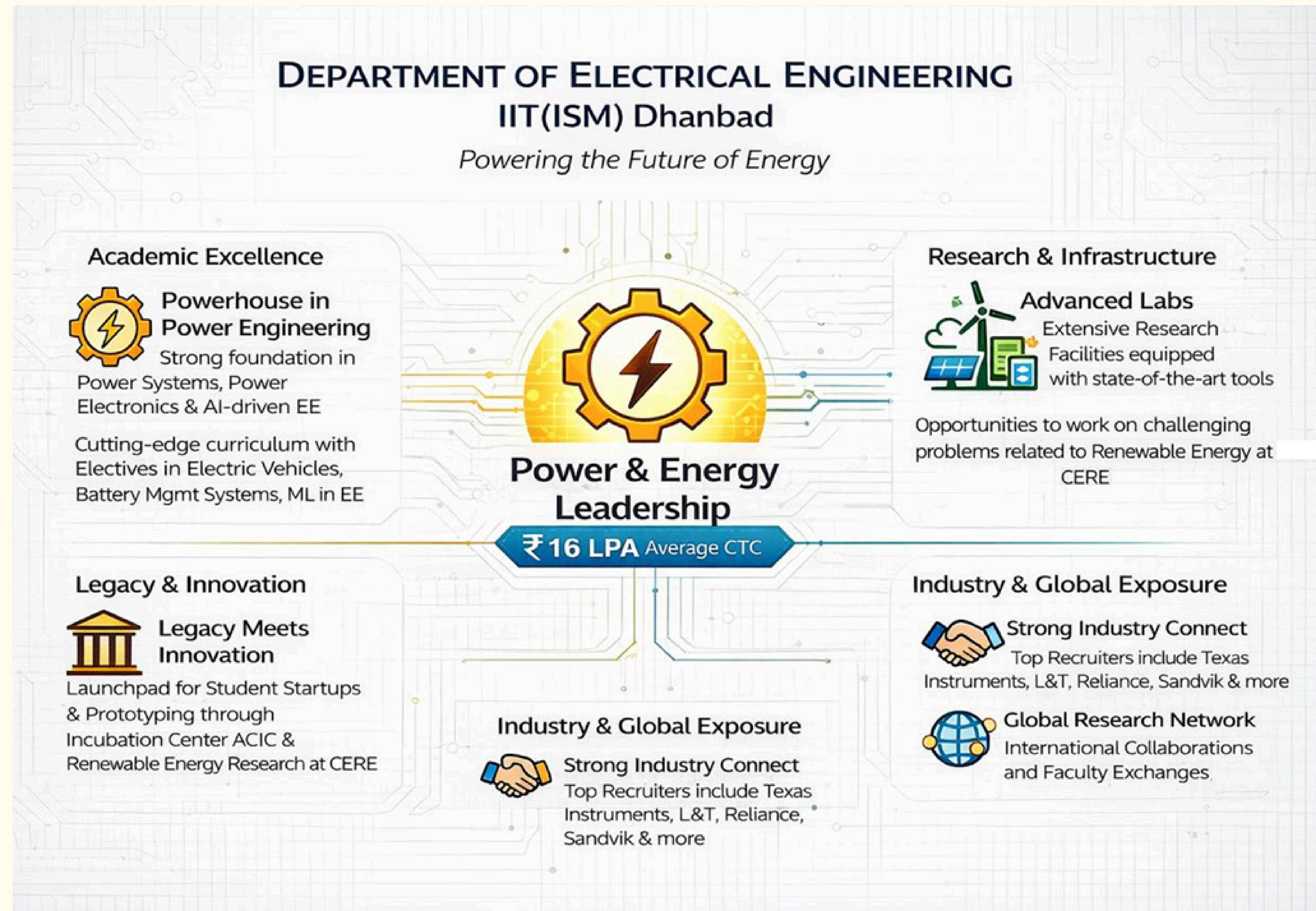
WebCSE – The digital face of the CSE society, where the students are responsible for handling departmental websites, alumni portals, and tech blogs.

CSAI (Computer Science and Artificial Intelligence) – Student driven AI-focused workshops, hackathons, and research collaborations.

SpeakUp – A public speaking and personality development initiative, by the CSE students, for helping other students to grow as confident communicators.

Editorial Team of CSE – The students are engaged in publishing monthly Newsletter (ByteStream) and biannual magazine (BufferedReader). This is a true forum to demonstrate the literary and technical writing skills of our students.

With a legacy that began in 1997 and a forward-thinking vision, the Department of Computer Science and Engineering at IIT (ISM) Dhanbad stands as a beacon of innovation, learning, and leadership. Whether you're a future student, academic, or industry collaborator, we invite you to be a part of our mission to redefine the future of computing



2.1.5 Electronics and Communication Engineering

The B.Tech. Program in Electronics and Communication Engineering (ECE), with a seating capacity of 124 students, offers a robust foundation in the different domains like electronic devices, circuits and systems, communication technologies, signal processing, RF and microwaves, optoelectronics, integrated photonics, and embedded systems. Our curriculum blends core theoretical knowledge with practical application through state-of-the-art laboratories and hands-on projects. The department consistently nurtures and fertilizes the students to get groomed to meet industry demands and foster innovations. The students have the opportunity to pick their career choice based on the vast range of elective courses to align, contribute, and drive the leading industry, services, and research across the globe. The students are guided by a group of highly qualified faculty members and encouraged to shape themselves for existing as well as upcoming technology in diverse sectors such as VLSI design, RF circuits and system, semiconductor technology, robotics, IoT, advanced communication, and software. The same ensures that the students achieve their career goals in fields such as the core industry, the software industry, the other service industry, academia, research, entrepreneurship, and leading government sectors.

Add-on Opportunities for UG Students in ECE under NEP

- **Minor Program:** ECE students can opt for a Minor in a department other than ECE by completing additional courses as prescribed by the offering department. The Minor must be completed within the standard duration of the student's B.Tech. Program.
- **Honours Degree Program:** The 4-year program allows students to get honours degree in electronics by complete prescribed subjects
- **Dual Degree Program:** The 5-year Dual Degree program allows students to earn both a Bachelor's (B.Tech.) and a Master's (M.Tech. / MBA) degree, providing an enhanced academic experience and the opportunity to specialize in advanced areas of technology and management.

2.1.5 Electronics and Communication Engineering



DEPARTMENT OF ELECTRONICS ENGINEERING

Undergraduate Program

- Intake: 135 students
- Core Areas: Electronics, Circuits, Communication, Signal Processing, RF & Microwaves, Optoelectronics, Photonics, Embedded Systems
- Learning Approach: Theory + Hands-on Labs + Projects

Add-on Opportunities (NEP)

- Minor Program: Earn a minor in another department
- Honours Degree: Complete extra courses for Honours in Electronics
- Dual Degree (B.Tech + M.Tech/MBA): 5-year program for advanced specialization

B. Tech in Electronics and Communication Engineering

What Sets Us Apart

- 30+ experienced faculty
- 8+ state-of-the art laboratory
- Hands on learning with cutting edge technology
- High career demand across Semiconductor, IT, Telecom and core industries

Career Prospects

Career Paths: VLSI, RF, Semiconductors, Robotics, IoT, Advanced Communication, Software, Research, Entrepreneurship

Global Opportunities

Skills are in demand worldwide across industries and research fields

Excellent Salary Potential

Strong placement packages in top global companies.

MAJOR RECRUITERS



Find out more
DEPARTMENT OF ELECTRONICS ENGINEERING
<https://www.iitism.ac.in/electronics-engineering>



Department of Physics
IIT (ISM) DHANBAD
continuing successfully



B Tech 

Engineering

Physics

BS-MS

Physical

Sciences



Strong placement records
Admission to leading institutions

Entry Mode:
Joint Entrance Examination Advanced
(JEE Advanced) after 10+2 level

Email: phy@iitism.ac.in






IIT (ISM) DHANBAD
DEPARTMENT OF ENVIRONMENTAL SCIENCE & ENGINEERING
B. Tech in Environmental Engineering (4 Years Program)



Started in 1987 as the Centre for Mining Environment (CME), the Department of ESE at IIT (ISM) Offers a comprehensive B.Tech Program in Environmental Engineering. This program is a unique and first of its kind, launched in the year 2006 - a trailblazer among National Institutions, under IIT JEE system, offering students an in-depth and holistic education in all aspects of Environmental Engineering.

Why Choose Us?

- 18 Experienced Faculty Members.
- Advanced 7 UG/PG Laboratories.
- Combines Academic Excellence with Practical Applications.
- Industry-Relevant Teaching and Hands-on Training.
- Regular Workshops, Seminars, and Expert Lectures.
- Wide Scope for Research Opportunities.
- Industrial Collaboration.
- Promotes Gender Equality & Inclusive Learning Environment.
- Placement Records in Core & Multidisciplinary Sectors.

Career Opportunities

- Core Environmental Engineering.
- Government and Regulatory Authorities.
- Corporate Sector.
- Higher Studies.
- Research & Development Prospects.
- Environmental Consultancies.
- Entrepreneurship.

Highlights

72
Placement % (last 3 yrs)

51.03 L
Highest CTC Offered

16.15 L
Average CTC Offered

NOTABLE ALUMNI

Ajay Agarwal (Batch of 2010)
Senior Manager, Shree Cement

Saru Gosai (Batch of 2010)
Supervising Engineer, ONGC

Devipto Borah (Batch of 2010)
General Scientist, Coal India National Laboratory

Nirous Bando (Batch of 2011)
Senior Manager, Shell

Suryam Mahan (Batch of 2012)
Assistant Director General, Ministry of Defence

Rakesh K. (Batch of 2010)
Principal Scientist, NISG

Upendraji K. (Batch of 2018)
ISO Lead, Adani Ports

Ajay Malpani (Batch of 2018)
Senior Associate, Deloitte

Vidisha Duman (Batch of 2015)
Senior Product Manager, Uber

Subjects

- Air & Water Pollution
- Climate Change.
- Environmental Impact Assessment.
- Environmental Policy and Legislation.
- GIS & Remote Sensing.
- Occupational Health & Safety.
- Sustainable Development.
- Waste Management.
- Water Resource Management.

Past Recruiters

Contact Details



 ese@iitism.ac.in

 0326-223-5285

Visit Our Website

2.1.8

Geological Technology

Department of Applied Geology
Indian Institute of Technology (Indian School of Mines) Dhanbad

Launch of B.TECH IN GEOLOGICAL ENGINEERING

(4-Year Degree Program)
Following NEP-2020



PROGRAM HIGHLIGHTS

- Earth System Science to Sustainability
- Critical Minerals, Coal & Petroleum
- Petrology, Geodynamics, Engineering Geology
- Remote Sensing & GIS, AI/ML in Geoscience
- Carbon Capture & Hydrology to Environmental Geology

EXPERIENTIAL LEARNING

- Laboratory to Field-Based Training
- Industrial Internship Opportunities
- Real-World Problem Solving

WHY APPLIED GEOLOGY @ IIT (ISM) DHANBAD?

One of the most modern and industry-aligned Geological Engineering curricula in India and abroad, integrating field expertise, digital technologies, and sustainability.

ADMISSION

Admissions from 2026–27
Through JEE (Advanced)

CAREER OPPORTUNITIES

- Mining & Critical Minerals Industry
- Oil, Gas & Energy Sector
- Infrastructure & Geotechnical Engineering
- Environmental & Climate Organizations
- Government & Research Institutions

CONTACT US : +91-326-223-5271 | hod_agl@iitism.ac.in | <https://www.iitism.ac.in/applied-geology-home>

2.1.9

Geophysical Technology

Department of Applied Geophysics (Since 1957)
Indian Institute of Technology (Indian School of Mines), Dhanbad

B.Tech. in Geophysical Technology

Duration: 4 Years | Admission: JEE Advanced | Curriculum: NEP 2020
Starting from Academic Year 2026-2027

Program Highlights

- Integrated learning with hands-on experience
- Advanced geophysical exploration techniques
- AI, Coding and Energy Transitions
- Earth, Planetary and Marine Science
- Strong industry exposure with global collaborations
- Field Exposure with real data - API & challenges
- Geophysical Product Development and Radar Technology

Core Learning Modules

- Fundamentals of Geophysics & Subsurface Imaging
- Gravity and Magnetic Exploration with field studies
- Applied Remote Sensing with applications
- Exploration Seismic and Fluid Characterization with Real World Training
- Well Logging, Rock Physics, Petrophysics & Geomechanics
- Unpinning of the Reservoir Geophysics
- Geophysical Data Science and Programming with implementation
- Inverse Theory and Artificial Intelligence with modelling
- Geo-electromagnetic and Geoelectrical Exploration with applications
- Engineering Geophysics
- Passive Seismic for Exploration
- Earthquake & Computational Seismology with lab work & simulations
- Earth and Planetary Systems with experiential learning

Focus Areas

Artificial Intelligence | Deep Learning | Computing & Programming | Data Structures | Energy Resources (Fossil Fuel, Minerals) | Energy Transition- CCUS, Geologic Hydrogen, Critical Minerals, Geothermal | Geohazards | Innovation | Internships | Live Projects | Industrial - Onshore and Offshore Training | Entrepreneurship | Product Development | Research, PhD and Post-PhD exposure

Why Join Applied Geophysics at IIT (ISM) Dhanbad?

A legacy department with strong industry linkage, cutting-edge research, and excellent career opportunities in energy, technology, and global geoscience sectors.

Industry and Global Connect

Collaborations with leading organizations such as ONGC, Oil India, Coal India, GSI, GAIL, Indian Oil, HPCL, MECL, BPRL, Chevron, BP, ExxonMobil, Cairn Oil and Gas, Reliance, EOGPL, Schlumberger, Halliburton, Google, TCS, Stanford University, The University of Texas at Austin, ETH Zürich, Curtin University, and Saint Petersburg Mining University

Contact Us: www.iitism.ac.in/applied-geophysics-home | agp@iitism.ac.in

2.1.10 Mechanical Engineering and Mining Machinery Engineering

QS #501-575
OS WUR Ranking Dy Subject

Department of Mechanical Engineering

1999 Establish year | 45+ Faculties | 25+ UG/PG labs | Industry collaboration

Gender unbiased | International collaboration

Strong Alumni support
Mr. Dinstroy Krishnan, MD & Head Region India, Valvo Construction Equipment. He is also the chairman of Infrastructure Equipment Skill Council. He served as President of ICEMA and Board Member of Business Transformation Leader
Dr. Manish Kumar, MD & CEO of National Skill Development Corporation (NSDC). He also served as a Senior Consultant at The World Bank Group

Major Recruiters

Career Prospects

Categories

- PPO's opportunity
- Public/Private Sector
- Higher Studies & Research
- Entrepreneurship
- Software Engineering

Placement details-2025

- Mechanical Engg Avg CTC ₹16.29 L
- Mining Machinery Avg CTC ₹13.64 L

Recent achievements

- Mr. Sandarbh Singh, B.Tech, Mechanical Engineering, has got full scholarship (\$ 70,000 including tuition fee per year) as a direct PhD admission in *Purdue University, USA*
- Mr. Shivam Gupta, B.Tech, Mechanical Engineering has got full scholarship for MS in *University of Washington, USA*

Completing 100 years of excellence

IIT (ISM) Dhanbad

Equipment

Department of Mechanical Engineering have a strong undergraduate program in mechanical and mining machinery engineering and postgraduate program in mechanical engineering, with over 1100 sanctioned student strength, inclusive of more than 200 PhD scholars

Contact Us
Email: me@iitism.ac.in
Phone: 0326-223-5260 (0)
Fax: 0326-2296563

UG Specializations

B.Tech/Dual-degree in

- Mechanical Engineering
- Mining Machinery Engineering

Major/Minor Degree In

- Computer Science Engineering
- Electronics Engineering
- Mathematics & Computing

2.1.11

Mining Engineering & Mining Engineering and MBA in Logistic and Supply Chain Management (IIM Mumbai)

Department of Mining Engineering

Indian Institute of Technology (Indian School of Mines) , Dhanbad

A Century of Excellence: Established in 1926 by Lord Irwin, the Dept. of Mining Engineering at IIT (ISM) Dhanbad is India's premier mining school. A UGC "Centre of Advanced Studies," we lead in research and global industry placements. With 50,000+ alumni including 500+ leaders in the US and Europe our graduates traditionally occupy top CMD and DGMS positions worldwide.

ACADEMIC PROGRAMS

- B.Tech. in Mining Engineering (4 Years)
- Integrated Dual Degree: B.Tech. (Mining) + MBA (5 Years - IIT ISM & IIM Mumbai)
- M.Tech. in Mining Engineering (2 Years)

#21 Global
QS World (Mining)

No. 1 in India
Mineral & Mining Engineering

#15 India
NIRF Engineering

650 +
Total number of students

23
Faculty

610 +
Research & Publication

KHANAN
Asia's Largest Techno Mining Fest

- Mining Olympiad: The ultimate challenge for mining enthusiasts across Asia.
- Techno-Innovations: Smart Drone competitions and AI-driven Mine Planning models.
- Lab & Equipment Demos: Hands-on experience with VR Simulators and Advanced Rock Mechanics labs.
- Networking: Exclusive 'Industry - Student' meetups with CEOs and Policy Makers.

World Class Laboratory Ecosystem

- Advanced Geomatics & Survey Lab
- Remote Sensing & GIS Center
- Rock Engineering & Excavation
- Rock Mechanics Lab
- Rock Excavation & Fragmentation Lab
- Numerical Modelling & Simulation Lab
- UG Board & Pillar and Longwall Lab
- Mine Ventilation & Safety Lab
- Gas Testing & Methane Explosivity Lab
- VR & Mining Simulation Center

Our Elite Corporate Network

And much more


From the depths of the earth to the heights of leadership.

JOIN THE ELITE

Choose Mining at IIT (ISM) Dhanbad. Join the Legacy of 100 Years.

2.1.13

Petroleum Engineering



DEPARTMENT OF PETROLEUM ENGINEERING

68 YEARS OF EXCELLENCE

Course Highlights

- Drilling Engineering
- Production Engineering
- Reservoir Engineering
- Carbon Capture Utilisation & Storage
- Hydrogen Storage
- Artificial Intelligence/ Machine Learning
- Offshore Engineering
- Enhanced Oil Recovery
- Unconventional Resources
- Geothermal Engineering
- Petroleum Geoscience
- Hands-On Laboratory Practicals


Placement & Internships

- High global demand of PE students in industry and academia
- 80-95% placement rate in the last 5 years
- 60-70% of placed students enter core (Oil & Gas) sector
- Training & Internships with core & non-core companies from second year onwards
- Pre-placement offers for interns

Core Sector

21 LPA
Median CTC


19 LPA
Average CTC



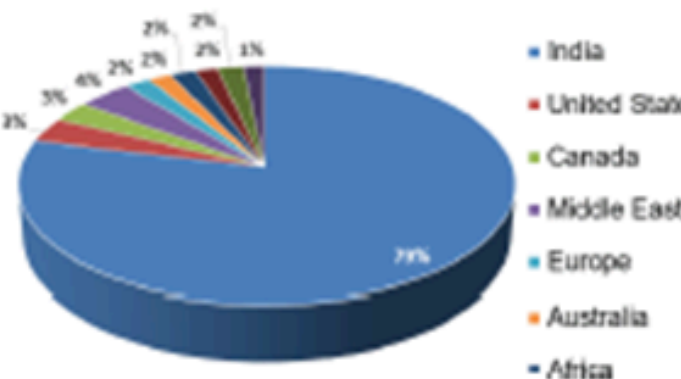
Non-Core Sector

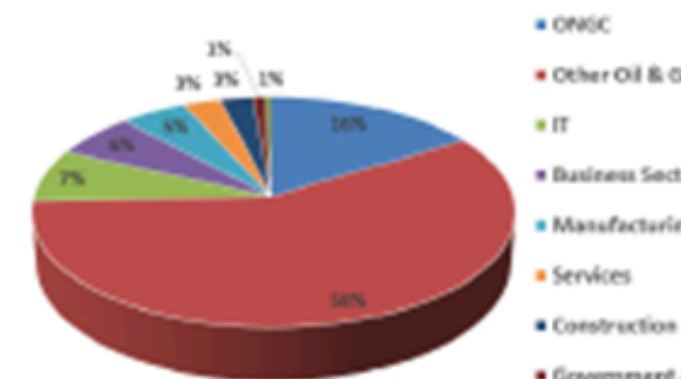
14 LPA
Median CTC

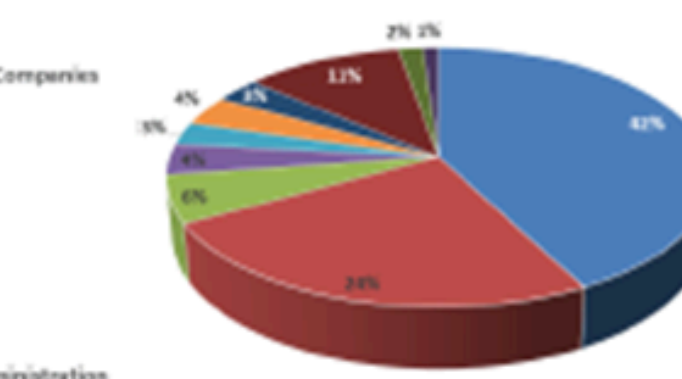
16 LPA
Average CTC




Strong Alumni network across the globe









Student Exposure




Participation in national and international competitions by SPE, FIPI, IADC, ARMA




Field trips to ONGC and Essar production facilities



Conference participation encouraged – internal (IIT ISM) & external



Interaction with industry leaders through departmental visits



Research & publication opportunities with faculty

2.1.14

The Department of Fuel Minerals and Metallurgical Engineering is one of the oldest departments in the IIT(ISM), Dhanbad, established in 1976, to address the processing issues of metallic, non-metallic and fuel minerals. The department currently offers 4 year B.Tech program in “**Mineral and Metallurgical Engineering**”. A number of fully functional mineral processing and metallurgical laboratories with state-of-the art research facilities are an integral part of the department. The department conducts research in the entire spectrum of mineral and metallurgical engineering such as coal preparation, fine particle processing, agglomeration, extractive metallurgy, waste recycling, critical metal extraction, physical metallurgy, additive manufacturing, welding, process modelling etc. The department is constantly engaged in building close interaction with leading R&D centres and industries in India such as RDCIS/SAIL, CSIR-NML, CSIR-CIMFR, NIAMT (formerly known as NIFFT), Tata steel, Coal India Limited, etc. to open up new domains of collaborative research and for industrial exposure of students. The department currently has 21 faculty members and a number of supporting technical and administrative staff.

BACHELOR OF TECHNOLOGY IN MINERALS & METALLURGICAL ENGINEERING (MLMTE)

ENGINEERING THE MATERIALS THAT BUILD THE FUTURE



A student-driven society dedicated to increasing awareness and curiosity in mineral and metallurgical engineering



DEPARTMENT OF FUEL MINERALS & METALLURGICAL ENGINEERING

PLACEMENT HIGHLIGHTS (2025-2026: 100 % Placement)

Highest	Average	Median
₹50 LPA	₹17 LPA	₹13 LPA

Placement Stats of 2024-25

KEY LEARNING AREAS

- Advanced Materials
- Nanotechnology
- Computational Science
- Extractive Metallurgy
- Sustainability & Recycling
- Surface Engineering
- Critical Minerals
- Energy Materials
- Equipment selection and plant design
- Advanced Mineral Processing

CAREER PATHWAYS

RESEARCH

CONSULTANCY

SOFTWARE ENGINEERING

CORE ENGINEERING



Hrutidipan Pradhan
AIR 1 Metallurgy (GATE-2024)



Adarsh Bansal
AIR 6 Metallurgy (GATE-2024)

CUTTING EDGE FACILITIES

OTHER MAJOR RESEARCH FACILITIES:

- HR-TEM
- FEI-SEM WITH EBSD AND EDS
- UNIVERSAL TRIBOMETER
- CREEP-FATIGUE INTERACTION TEST SETUP
- THERMO-CALC
- DSC
- TGA
- MULTI-STAGE HEAT TREATMENT FURNACES
- ATOMIC FORCE MICROSCOPY
- METAL 3D-PRINTER
- ELECTRIC ARC FURNACE

COLLEGE TECH FEST

Departmental Events Conducted During College
TechFest-CONCETTO

Contact: Prof. Avanish Kumar, Email: dugc-fmme@iitism.ac.in

2.1.15

Mathematics and Computing

INDIAN INSTITUTE OF TECHNOLOGY (ISM) DHANBAD

B.Tech in Mathematics and Computing

What is this program about?

- A uniquely integrated program combining rigorous mathematics with modern computing.
- Strong foundation in pure mathematics, applied mathematics, statistics, and computer science.
- Focused on solving real-world, data-intensive and computational problems.
- Aligned with emerging areas like AI, machine learning, and data science.
- Continuously updated to reflect current industry and research needs.

Where Our Graduates Excel?

- Quantitative Finance & Risk Modeling.
- Data Science & Advanced Analytics.
- Artificial Intelligence & Machine Learning.
- E-commerce, Business Analytics.
- Software Development & Systems Engineering.
- Cybersecurity, IoT & Distributed Systems.

Placement Highlights

Microsoft, accenture, paytm, Flipkart, cisco, IBM, amazon, salesforce.org, PhonePe, Goldman Sachs, zepto, Walmart, ARISTA, Google, Uber, SAMSUNG, Adobe, ..and more

• Avg: 30.7 LPA | Median: 27.7 LPA
• Highest: 66.14 LPA

Why choose this program?

- Interdisciplinary blend of mathematics and computing for deep problem-solving.
- AI/ML-focused learning with strong mathematical grounding.
- Industry-aligned curriculum, regularly updated with current trends.
- Close faculty mentorship and research-oriented environment.
- Hands-on projects, internships, and real-world exposure.

Explore, Innovate & Create

Department of Science & Technology, Government of India, NBHM, TEXMIN, TIHAN, TIH

Legacy that Inspires the Future **KNOW MORE**

2.1.16

Department of Physics
IIT (ISM) DHANBAD

BS-MS

(Bachelor of Science-Master of Science) in Physical Sciences

For Academic Year 2026-2027

From July 2026 (Monsoon Semester) Onwards

Entry Mode:
Joint Entrance Examination Advanced (JEE Advanced) after 10+2 level

Email: phy@iitism.ac.in

2.1.17

Chemical Science

Department of Chemistry and Chemical Biology
IIT(ISM) DHANBAD

BS-MS in CHEMICAL SCIENCE

- ✓ BS-MS (4+1)-YEAR
- ✓ INTERDISCIPLINARY CURRICULUM
- ✓ RESEARCH DRIVEN LEARNING
- ✓ STATE-OF-THE-ART FACILITIES
- ✓ INDUSTRY & SKILL DEVELOPMENT
- ✓ CAREER & HIGHER EDUCATION PATHWAYS

2026 Admission:
Through JEE Advance

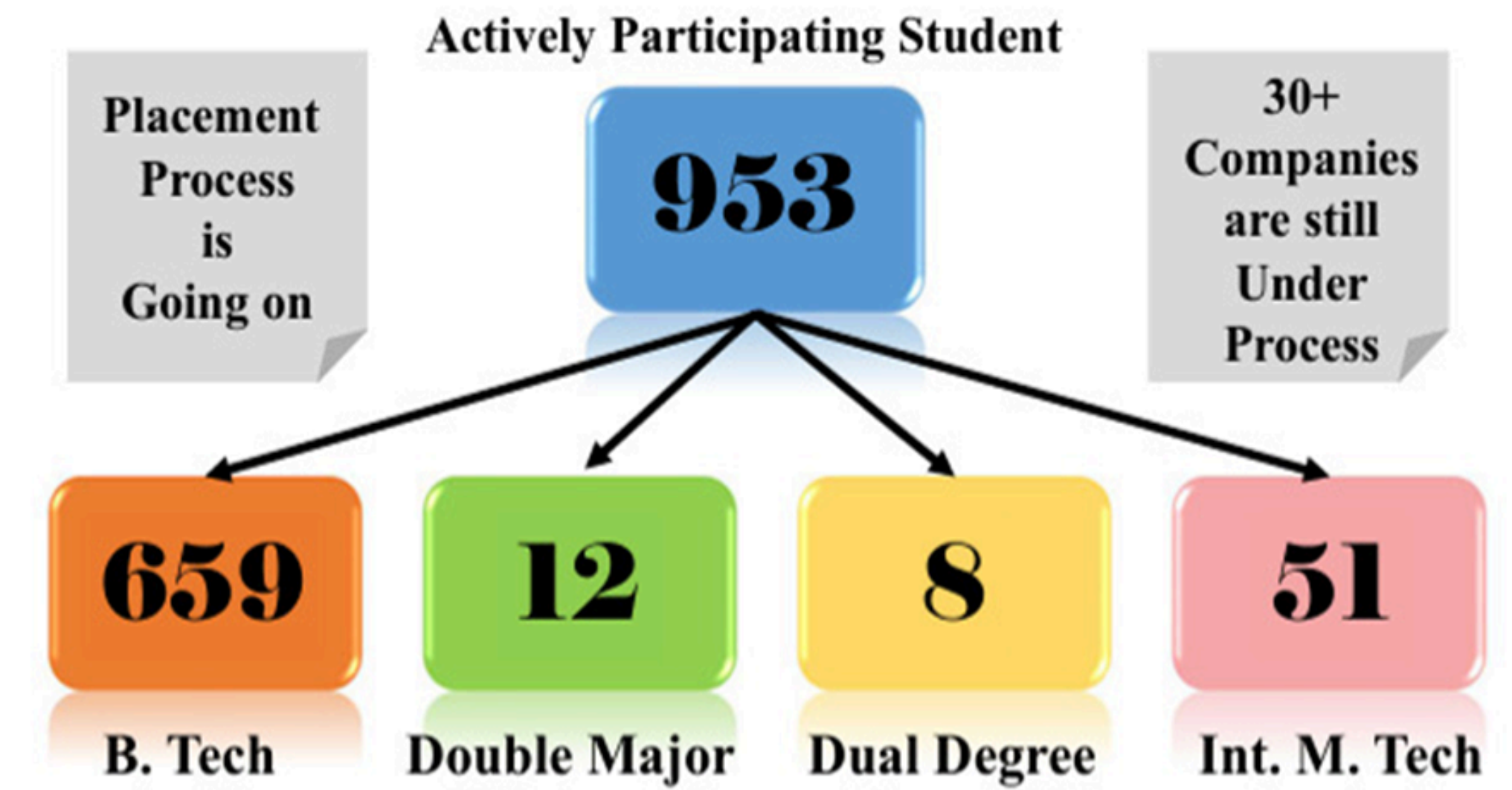
CONTACT US
 Email: bsms-ccb@iitism.ac.in
 Phone: +91-326-223-5281
 Website: <https://www.iitism.ac.in/about-the-program-ccb>

3.0

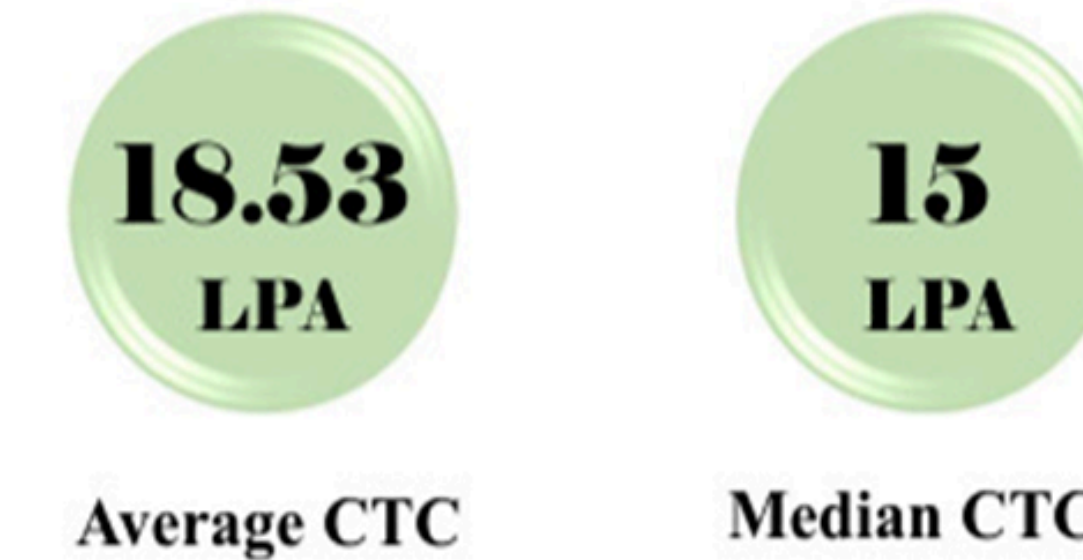
PLACEMENT

UG Placement Brochure 2026

(updated as on 15.04.2026)



Placed Students



Some Major Recruiters



4.0 START-UP AND INCUBATION

MPDI – Minor Program in Product Development Internship (fellowship: ₹6,000 per month):

The MPDI (Minor in Product Development Internship) is a unique academic industry aligned program aimed at undergraduate students across disciplines. It offers:

- Structured learning in design thinking, user-centric development, and interdisciplinary innovation
- Hands-on experience in prototyping, iteration, and testing
- Guidance from faculty mentors and industry experts
- MPDI credit course (evaluation based on the product/prototype development).

Fellowship:

Selected UG students of MPDI will receive a fellowship of ₹6,000 per month for 12 working months (over three semesters) to support their engagement in product innovation projects. Student Startup Club – IIT (ISM) Dhanbad. The Student Startup Club (SSC) at IIT (ISM) Dhanbad is a dynamic student-led initiative aimed at fostering a strong culture of entrepreneurship and innovation on campus. The club serves as a launchpad for aspiring student entrepreneurs by providing them with the resources, mentorship, and community needed to transform ideas into viable startups.

Objectives:

To nurture entrepreneurial mindsets among students across disciplines. To provide hands-on exposure to startup culture, lean business models, and product development. To act as a bridge between students and incubation resources.

Activities:

Organizing start-ups, boot camps, ideations, pitching competitions, and guest lectures by industry experts and alumni entrepreneurs. Facilitating networking opportunities with investors, founders, and accelerators. Offering mentorship sessions and access to institutional support for early-stage ideas.

Impact:

Several student teams have successfully progressed from ideation to prototype stages under the club's guidance, with some entering incubation and receiving funding or mentorship support.

NVCTI



NARESH VASHISHT CENTRE FOR TINKERING & INNOVATION

About NVCTI , IIT (ISM) Dhanbad

The Indian Institute of Technology (Indian School of Mines) Dhanbad established the Naresh Vashisht Centre for Tinkering and Innovation (NVCTI) with the objective of encouraging, inspiring, and nurturing young creators and innovators. The centre aims to provide a supportive environment where students can transform their ideas into real-world products and innovative solutions. NVCTI is located within the Institute Innovation Hub (i2h) Building inside the institute campus and spans approximately 11,000 square feet. The facility is designed as a modern, state-of-the-art workspace where students, researchers, and innovators can experiment, prototype, and develop ideas into viable products and entrepreneurial ventures. These facilities provide an enabling environment for young creators to design, build, and test their ideas using advanced tools and technologies.

Facilities at our Centre:

- Mechanical & Rapid Prototyping Unit
- Electronics and IoT Unit
- Animation & Game Design Unit
- Pouch Battery Cell Fabrication Unit

16 channel EEG data acquisition

Biped Robot

EMI Detection Device

Campus Animation Design

Client Centric Radio Resource

Hexapod Robot

Contact US:

Email: nvcti@iitism.ac.in
website: www.nvcti.in
Tel: +91-7707018426
Address: 2nd Floor, i2h building, Indian Institute of Technology (ISM) Dhanbad Dhanbad – 826004, Jharkhand

WWW.NVCTI.IN

5.0 AMENITIES

Student Insurance Policy:

The Dean of Students' Welfare (DSW) manages a comprehensive Student Insurance Policy covering all registered students and research scholars (excluding specific part time programs). This policy offers significant benefits, ₹2.5 lakh for medical treatment (cashless/reimbursed, including pre-existing conditions), and ₹25,000 for OPD (limited). It also including ₹5 lakh for accidental death/disability (with study fee waiver) additionally, it covers laptop loss (up to ₹40,000) and baggage loss (up to ₹10,000) during travel or campus stay. Claims are settled through the DSW Office which are cashless medical facilities of modern hospitals in and around Dhanbad city.

Sports Facilities:

The Sports Section at IIT (ISM) Dhanbad promotes student engagement in various sports, enhancing their physical and mental well-being. The institute boasts state-of-the-art facilities, including a Students Activity Centre with synthetic badminton courts, a gymnasium, weightlifting yoga, Table Tennis, Karate. The Sports Complex is built with basketball, volleyball, football, cricket, hockey, tennis courts, swimming pool and athletic grounds of national standards. There are specialized training staff, including physical education officers and coaches to train and prepare students for various competitive sports events



Health & Medical Services:

The Health Centre operates 24x7, staffed by qualified doctors and nurses offering both emergency and routine care. Services include basic treatments, ambulance support, and hospital referrals. Regular health check-ups and wellness initiatives are organized for the community.

Transportation & Campus Services:

Shuttle services connect the campus with railway stations and local transit points. On-campus amenities include ATMs, retail stores, and laundry facilities. The institute's strong urban connectivity and in-house services make daily life seamless for students, ensuring academic and personal needs are met within the campus.

Cafeteria & Mess Facilities:

Multiple cafeterias and hostel messes serve hygienic, nutritious food with vegetarian and dietary-specific options. Menus rotate regularly, and night canteens provide late snacks, clean, student-friendly environments ensure accessible, affordable dining that supports healthy eating habits throughout the day and evening.

Students Activity Centre (SAC):

There are 14 active clubs under the Students Activity Centre (SAC), promoting creativity, leadership, and teamwork beyond academics. SAC organizes events, workshops, and competitions, providing a dynamic platform for the holistic development of students and vibrant campus engagement.



JEE(Advanced) 2026 Seat Matrix														
S.No	Branch	Seat Pool	OPEN-PwD		GEN-EWS	GEN-EWS-PwD	SC-PwD		ST-PwD	OBC-NCL	OBC-NCL-PwD	Total	Grand Total	
			OPEN	PwD			SC	PwD						
1	Chemical Engineering	Gender Neutral	17	1	4	0	6	1	3	0	11	1	44	55
		Female Only	4	1	1	0	1	0	1	0	3	0	11	
2	Civil Engineering	Gender Neutral	22	1	5	1	7	1	4	0	14	1	56	70
		Female Only	5	1	1	0	2	0	1	0	3	1	14	
3	Computer Science and Engineering	Gender Neutral	45	2	11	1	16	1	7	2	29	2	116	145
		Female Only	11	1	3	0	3	1	2	0	7	1	29	
4	Electrical Engineering	Gender Neutral	41	2	8	1	15	1	7	1	27	1	104	130
		Female Only	9	1	3	0	4	0	2	0	6	1	26	
5	Electronics and Communication Engineering	Gender Neutral	41	2	8	1	15	1	7	1	27	1	104	130
		Female Only	9	1	3	0	4	0	2	0	6	1	26	
6	Engineering Physics	Gender Neutral	9	1	2	0	4	0	2	0	7	0	25	32
		Female Only	3	0	1	0	1	0	0	0	2	0	7	
7	Environmental Engineering	Gender Neutral	15	1	4	0	6	0	3	0	10	1	40	50
		Female Only	4	0	1	0	1	0	1	0	3	0	10	
8	Geological Engineering*	Gender Neutral	7	0	2	0	2	0	1	0	5	0	17	21
		Female Only	1	0	1	0	1	0	0	0	1	0	4	
9	Geophysical Technology*	Gender Neutral	7	0	2	0	2	0	1	0	5	0	17	21
		Female Only	1	0	1	0	1	0	0	0	1	0	4	
10	Mechanical Engineering	Gender Neutral	41	2	8	1	15	1	7	1	27	1	104	130
		Female Only	9	1	3	0	4	0	2	0	6	1	26	
11	Mining Engineering*	Gender Neutral	19	0	5	0	7	0	4	0	13	0	48	60
		Female Only	5	0	1	0	2	0	1	0	3	0	12	

12	Mining Machinery Engineering*	Gender Neutral	18	0	5	0	7	0	3	0	12	0	45	56
		Female Only	4	0	1	0	2	0	1	0	3	0	11	
13	Petroleum Engineering	Gender Neutral	28	1	6	1	9	1	6	0	19	1	72	90
		Female Only	7	0	2	0	3	0	1	0	5	0	18	
14	Mineral and Metallurgical Engineering	Gender Neutral	14	1	3	0	5	0	3	0	9	1	36	45
		Female Only	3	1	1	0	1	0	1	0	2	0	9	
15	Mathematics and Computing	Gender Neutral	23	1	6	0	8	1	5	0	15	1	60	75
		Female Only	5	1	2	0	2	0	1	0	4	0	15	
16	Physical Science	Gender Neutral	5	1	2	0	3	0	1	0	4	0	16	20
		Female Only	2	0	0	0	1	0	0	0	1	0	4	
17	Chemical Science	Gender Neutral	5	1	2	0	3	0	1	0	4	0	16	20
		Female Only	2	0	0	0	1	0	0	0	1	0	4	
18	B.Tech Mining Engineering and MBA in Logistic and Supply Chain Management (IIM Mumbai)* \$	Gender Neutral	19	0	5	0	7	0	4	0	13	0	48	60
		Female Only	5	0	1	0	2	0	1	0	3	0	12	
TOTAL			465	25	114	6	173	9	86	5	311	16	1210	1210

* 1. PwD candidates with locomotor disability and Candidates with colour blindness are not allowed in Geological Engineering/Geophysical Technology.

* 2. It is pertinent to mention here that there are some jobs in Mining Engineering/Mining Machinery Engineering/ Geological Engineering/Geophysical Technology where restriction in application for PwD candidates or for PwD candidates with Locomotor / Visual impairment or for candidates with colour blindness may be imposed by the employers. However, such candidates, except those as mentioned in point 1 above, will be admitted to Mining Engineering/Mining Machinery Engineering/ Geological Engineering/Geophysical Technology related courses at IIT (ISM) Dhanbad.

3. 3. It is also pertinent to mention here that there is Gender Restriction for the employment of Females in Mining Engineering Profession. As per Section 46 (1) of the Mines Act, 1952- "No woman shall, notwithstanding anything contained in any other law, be employed (a) in any part of a mine which is below ground, (b) in any mine above ground except between 06:00 and 19:00 hrs." [Also refer the Gazette Notification 393{S.O.506(E)} dated 29th January 2019]. However, there is no restriction in admitting female candidates to the Mining Engineering or Mining Machinery Engineering related academic programmes at IIT (ISM) Dhanbad.

\$ The 5 years Dual Degree program (B.Tech. in Mining Engineering, IIT(ISM) Dhanbad) & (MBA in Logistics and Supply Chain Management, IIM Mumbai) with intake 60 is jointly offered by IIT(ISM) Dhanbad and IIM Mumbai w.e.f. Academic Session 2025-2026.

Examinations Considered as Equivalent to Class XII

- The final examination of the 10+2 system, conducted by a Central or State Board recognized by the Association of Indian Universities (AIU).
- Intermediate or two-year Pre-University examination conducted by a Board or University recognized by the Association of Indian Universities.
- Final examination of the two-year course of the Joint Services Wing of the National Defence Academy.
- Senior Secondary School Examination conducted by the National Institute of Open Schooling with a minimum of five subjects.
- Any Public School, Board or University examination in India or in a foreign country recognized as equivalent to the 10+2 system by the AIU.
- H.S.C. vocational examination.
- A Diploma recognized by the All India Council for Technical Education (AICTE) or a State Board of Technical Education of at least 3 years duration.
- General Certificate Education (GCE) examination (London, Cambridge or Sri Lanka) at the Advanced (A) level.
- High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate Office, Geneva.
- Candidates who have completed Class XII (or equivalent) examination outside India or from a Board not specified above should produce a certificate from the AIU to the effect that the examination they have passed is equivalent to the Class XII examination.
- In case the Class XII examination is not a public examination, the candidate must have passed at least one public (Board or Pre-University) examination earlier.

Performance in Class XII (or Equivalent) Board Examination for admission to IITs

- The candidates must satisfy at least one of the following two criteria with Physics, Chemistry and Mathematics as compulsory subjects in the Class XII (or equivalent) examination:

1. Must have passed class XII (or equivalent) Board examination with a minimum of five subjects and secured at least 75% aggregate marks.

The aggregate marks for SC, ST and PwD candidates should be at least 65%.

2. Must have passed class XII (or equivalent) Board examination with a minimum of five subjects and be within the category-wise (category as per the central list <https://www.ncbc.nic.in>, <https://socialjustice.gov.in> and <https://ncst.nic.in>) top 20 percentile of successful candidates in their respective Class XII (or equivalent) board examination.

The percentile calculation will be done for all the required subjects in a single academic year only. Therefore, candidates appearing for improvement in Board examinations can EITHER appear in one or more subjects and secure 75% aggregate marks (65% for SC, ST and PwD) after improvement, OR, appear for improvement in ALL subjects to be in top 20 percentile (see Section titled “Regarding the cut-off marks for the top 20 percentile”) of the corresponding academic year.

In all cases, the marksheet is required to have been issued by the same examination board and marksheets from separate boards are not permitted.

- The marks scored in the following five subjects will be considered for calculating the aggregate marks and the cut-off marks for fulfilling the top 20 percentile criterion.

- Physics
 - Chemistry
 - Mathematics
 - A language (if the candidate has taken more than one language, then the language with the higher marks will be considered)
 - Any subject other than the above four (the subject with the highest marks will be considered).
- For calculation of the total marks for five subjects, if the marks awarded in a subject is NOT out of 100, then the marks will be scaled (up or down) to 100 so that the total aggregate mark is out of 500.
 - If a Board awards only letter grades without providing an equivalent percentage of marks on the grade sheet, the candidate should obtain a certificate from the Board specifying the equivalent marks and submit it at the time of acceptance of the allocated seat. In case such a certificate is not provided, the decision taken by the Joint Implementation Committee of JEE (Advanced) 2026 will be final.
 - For candidates who appeared in the Class XII (or equivalent) Board examination for the first time in 2025 and reappeared in ALL subjects (for whatsoever reason) in 2026, the best of the two performances will be considered.
 - If a Board gives aggregate marks considering both Class XI and Class XII examinations (in the 10+2 system), then only Class XII marks will be considered.
 - If a Board gives aggregate marks considering the results of both years of a 2-year Intermediate or equivalent course, then the marks scored only in the final year will be considered. In case such a Board gives marks of both years separately, then also the marks scored only in the final year will be considered.
 - If a Board gives aggregate marks considering the results of all three years of a 3-year diploma or courses of equivalent duration, then the marks scored only in the final year will be considered.
 - If a Board follows a semester system, then the marks scored in the final two semesters will be considered.
 - In case any of the subjects Physics, Chemistry, Mathematics and Language are not evaluated in the final year (e.g., in a 3-year diploma course), then the marks for the same subject from the previous year/s will be used for calculating percentage of aggregate marks.
 - If a Board does not give marks scored in individual subjects but gives only the aggregate marks, then the aggregate marks given by the Board will be considered as such.
 - The above will also apply correspondingly to those candidates who first appeared for their Class XII examination in 2024 but the examination Board of Class XII (or equivalent) declared the results for the academic year 2023-24 on or after June 18, 2024.

For eligibility criteria, foreign candidates and OCI/PIO (F) (see Clause 6.2) candidates may follow the link <https://jeeadv.ac.in/foreign.html>

Regarding the cut-off marks for the top 20 percentile

- The category-wise cut-off marks for the top 20 percentile are calculated based on the marks scored by the successful candidates who appeared in their respective boards for all the required subjects, in the particular year.
- The cut-off marks for PwD candidates will be the same as the lowest of the cut-off marks for GEN, OBC-NCL, SC and ST categories.
- It is clarified that top 20 percentile cut-off for the academic year 2025–26 will be considered against the successful candidates who appeared in the Class XII (or equivalent) examination in 2026.
- Similarly, top 20 percentile cut-off for the academic year 2024–25 will be considered against the successful candidates who appeared in the Class XII (or equivalent) examination in 2025.
- Candidates who appeared in Class XII (or equivalent) examination for the first time in 2025 and wish to (or have to) reappear in 2026 with the objective to qualify through top 20 percentile cut-off criteria, must reappear in all the subjects. For such candidates, top 20 percentile cut-off for 2026 will be considered.
- In case a Board does not provide information about the cut-off for the top 20 percentile, the candidate will have to produce a certificate from the respective Board (in the format given in Annexure II) stating that he/she falls within the top 20 percentile of successful candidates. If the candidate fails to do so, then the cut-off marks, in the respective categories, of the Central Board of Secondary Education will be used. https://jeeadv.ac.in/documents/IBEnglish_2026_1.pdf
- The above will also apply correspondingly to those candidates who first appeared for their Class XII examination in 2024 but the examination Board of Class XII (or equivalent) declared the results for the academic year 2023-24 on or after June 18, 2024.

Regarding the aggregate marks of 75% (or 65% for SC, ST and PwD)

- The aggregate marks scored by the candidate in the 2026 Class XII (or equivalent) Board examination will be considered for candidates who will appear in the Class XII examination in 2026.
- The aggregate marks scored by the candidate in the 2025 Class XII (or equivalent) Board examination will be considered provided the candidate does not reappear in the Class XII (or equivalent) examination in 2026 in any of the subjects.
- If a candidate had appeared in his/her Class XII (or equivalent) in 2025 and wishes to improve his/her aggregate marks to meet the “aggregate marks of 75% (or 65% for SC, ST and PwD) criterion”, he/she can reappear for any number of subjects he/she wishes for improvement. The percentage marks in this situation will be calculated by considering the marks obtained in 2025 or 2026, whichever is higher, in the respective subjects, in his/her two attempts in 2025 and 2026.
- The above will also apply correspondingly for the candidates who first appeared for their Class XII examination in 2024 but the examination Board of Class XII (or equivalent) declared the results for the academic year 2023 -24 on or after June 18, 2024.
- The marksheets submitted by the candidates for their Class XII (or equivalent) examination must be issued by a single examination Board.

Joint Seat Allocation

- The seats across IITs, NITs, IIITs and other Government Funded Technical Institutes (GFTIs) will be offered and allocated through a common process by the Joint Seat Allocation Authority (JoSAA), to be held in online mode for current year.
- The candidates who secured a Rank in JEE (Advanced) 2026 are eligible to participate in Joint Seat Allocation process for a seat at an IIT.
- All the candidates who are eligible for admission will have to participate in the joint seat allocation process by filling in their preferential choices of the courses and Institutes.
- The detailed instructions for filling-in the choices and the seat allotment procedure will be made available by JoSAA 2026 through JoSAA Business Rules of 2026.
- The schedule of the joint seat allocation will be announced separately by JoSAA 2026.
- The list of courses that will be offered by the IITs for admission for the academic year 2026-27 will be made available at the time of online filling-in of choices.

Additional Requirements in Certain courses

- PwD candidates with locomotor disability and Candidates with colour blindness are not allowed in Geological Engineering/Geophysical Technology.
- It is pertinent to mention here that there are some jobs in Mining Engineering/Mining Machinery Engineering/ Geological Engineering/Geophysical Technology where restriction in application for PwD candidates or for PwD candidates with Locomotor / Visual impairment or for candidates with colour blindness may be imposed by the employers. However, such candidates, except those as mentioned in point 1 above, will be admitted to Mining Engineering/Mining Machinery Engineering/ Geological Engineering/Geophysical Technology related courses at IIT (ISM) Dhanbad.
- It is also pertinent to mention here that there is Gender Restriction for the employment of Females in Mining Engineering Profession. As per Section 46 (1) of the Mines Act, 1952- “No woman shall, notwithstanding anything contained in any other law, be employed (a) in any part of a mine which is below ground, (b) in any mine above ground except between 06:00 and 19:00 hrs.” [Also refer the Gazette Notification 393 {S.O.506(E)} dated 29th January 2019]. However, there is no restriction in admitting female candidates to the Mining Engineering or Mining Machinery Engineering related academic programmes at IIT (ISM) Dhanbad.

Category	Indian Nationals [JEE(Adv) 2026]		Indian	Foreign Nationals
	SC/ST/GEN-PwD/ OBC-NCL-PwD/ GEN-EWS-PwD/ SC-PwD/ST-PwD	GEN/ OBC-NCL/ GEN-EWS (including OCI/PIO card holders)	[JEE(Adv) 2025] Preparatory Students of 2025	
Tuition Fees (a)	NIL	100000	NIL	300000
Other Fees (b)	41400	41400	28000	41400
JoSAA Processing Charges (c)	5000	5000	NIL	5000
Mess Fees (d)	19500	19500	19500	19500
Total Fees (e =a+b+c+d)	64400	164400	46000	364400
Seat acceptance Fee paid (f)	15000	30000	NIL	30000
Balance fee [Fees to be Paid at the time of Admission] (e – f)	50900	135900	47500	335900

• (A) Total amount [in Indian Rupee (INR)] to be paid at the time of admission for Indian National students from LOW ANNUAL FAMILY INCOME (General/OBC-NCL/GEN-EWS only)**

Category	Only for Indian Nationals [Low Annual Family Income (General/OBC-NCL/GEN-EWS only)] [other than PwD candidates]	
	Less than Rs. 1.00 Lakh ** [Please read the NOTE (below) carefully]	Between Rs. 1.00 Lakh to Rs. 5.00 Lakhs ** [Please read the NOTE (below) carefully]
Tuition Fees (a)	NIL	33333
Other Fees* (b)	41400	41400
JoSAA Processing Charges (c)	5000	5000
Mess Fees (d)	19500	19500
Total Fees (e = a+b+c+d)	64400	97733
Seat acceptance Fee paid (f)	30000	30000
Balance fee [Fees to be Paid at the time of Admission] (e – f)	35900	69233

***Amount may change/increase at the time of admission.**

****Important Instructions for candidates applying for Tuition Fee Waiver / Concession -**

(i) For tuition FEE WAIVER/CONCESSION, candidates need to promptly submit all requisite documents

for verification, separately, AFTER registration, to the Office of Dean (Students' Welfare), IIT (ISM), Dhanbad, as and when intimated. An email seeking information regarding FEE WAIVER will be sent in the candidate's Institute email ID once it gets generated after the online registration process. Documents submitted during online registration will not be considered for FEE WAIVER/CONCESSION. For a glance of documents required for availing FEE WAIVER,

please visit:

<https://people.iitism.ac.in/~download/dsw/TFW%20and%20MCM%20Notice%20%20AY%2025-26.pdf>

(ii) Candidates are advised to read the terms and conditions carefully during online fee payment (procedure will be intimated later) and choose the appropriate Annual Family Income (Financial Year 2025-26) accordingly. Strict Action will be taken by the Institute against those candidates providing any false, misleading or incorrect information regarding Family Income for availing FEE WAIVER/CONCESSION.

#Top 10 candidates among the ones who get admission in IIT (ISM) Dhanbad, who Fulfil the eligibility criteria for admission and also have a Common Rank List (CRL) rank up 1000th in JEE (Advanced) conducted that year, will be provided full tuition fee waiver at IIT (ISM) Dhanbad throughout the duration of their UG program subject to fulfilment Conditions given in the following points.

b) In case of any major disciplinary action against the student, the tuition fee waiver will not be provided from the subsequent semester.

b) This scheme may be reviewed after three years for further continuation or amendment.

Candidates are required to deposit the first semester fee including the Admission Fee etc. through an online portal after receiving an offer letter to confirm admission.

Category	Indian Nationals [JEE(Adv) 2026]		Indian	Foreign Nationals
	SC/ST/GEN-PwD/ OBC-NCL-PwD/ GEN-EWS-PwD/ SC-PwD/ST-PwD	GEN/ OBC-NCL/ GEN-EWS (including OCI/PIO card holders)	[JEE(Adv) 2025] Preparatory Students of 2025	
Tuition Fees (a)	NIL	100000	NIL	300000
Other Fees (b)	41400	41400	28000	41400
JoSAA Processing Charges (c)	5000	5000	NIL	5000
Mess Fees (d)	19500	19500	19500	19500
Total Fees (e =a+b+c+d)	64400	164400	46000	364400
Seat acceptance Fee paid (f)	15000	30000	NIL	30000
Balance fee [Fees to be Paid at the time of Admission] (e – f)	50900	135900	47500	335900

• (A) Total amount [in Indian Rupee (INR)] to be paid at the time of admission for Indian National students from **LOW ANNUAL FAMILY INCOME** (General/OBC-NCL/GEN-EWS only)**

Category	Only for Indian Nationals [Low Annual Family Income (General/OBC-NCL/GEN-EWS only)] [other than PwD candidates]	
	Less than Rs. 1.00 Lakh ** [Please read the NOTE (below) carefully]	Between Rs. 1.00 Lakh to Rs. 5.00 Lakhs ** [Please read the NOTE (below) carefully]
Tuition Fees (a)	NIL	33333
Other Fees* (b)	41400	41400
JoSAA Processing Charges (c)	5000	5000
Mess Fees (d)	19500	19500
Total Fees (e = a+b+c+d)	64400	97733
Seat acceptance Fee paid (f)	30000	30000
Balance fee [Fees to be Paid at the time of Admission] (e – f)	35900	69233

*Amount may change/increase at the time of admission.

**Important Instructions for candidates applying for Tuition Fee Waiver / Concession -

(i) For tuition FEE WAIVER/CONCESSION, candidates need to promptly submit all requisite documents for verification, separately, AFTER registration, to the Office of Dean (Students' Welfare), IIT (ISM), Dhanbad, as and when intimated. An email seeking information regarding FEE WAIVER will be sent in the candidate's Institute email ID once it gets generated after the online registration process. Documents submitted during online registration will not be considered for FEE WAIVER/CONCESSION. For a glance of documents required for availing FEE WAIVER,

please visit:

<https://people.iitism.ac.in/~download/dsw/TFW%20and%20MCM%20Notice%20%20AY%2025-26.pdf>

(ii) Candidates are advised to read the terms and conditions carefully during online fee payment (procedure will be intimated later) and choose the appropriate Annual Family Income (Financial Year 2025-26) accordingly. Strict Action will be taken by the Institute against those candidates providing any false, misleading or incorrect information regarding Family Income for availing FEE WAIVER/CONCESSION.

#Top 10 candidates among the ones who get admission in IIT (ISM) Dhanbad, who Fulfil the eligibility criteria for admission and also have a Common Rank List (CRL) rank up 1000th in JEE (Advanced) conducted that year, will be provided full tuition fee waiver at IIT (ISM) Dhanbad throughout the duration of their UG program subject to fulfilment Conditions given in the following points.

- In case of any major disciplinary action against the student, the tuition fee waiver will not be provided from the subsequent semester.
- This scheme may be reviewed after three years for further continuation or amendment.

Candidates are required to deposit the first semester fee including the Admission Fee etc. through an online portal after receiving an offer letter to confirm admission.

<https://www.iitism.ac.in/office-of-dsw-scholarship>



Important Dates

Sl. No.	Activity	Day, Date and Time (IST)
1	JEE (Main) 2026 [Computer Based Tests by NTA]	JEE (Main) 2026 website
2	Results of JEE (Main) 2026 by NTA	JEE (Main) 2026 website
3	Online Direct Registration for JEE (Advanced) 2026 for Foreign National Candidates and OCI/PIO (F) Candidates	Monday, April 06, 2026 (10:00 IST) to Saturday, May 02, 2026 (23:59 IST)
4	Online Registration for JEE (Advanced) 2026 for JEE (Main) 2026 Qualified Candidates	Thursday, April 23, 2026 (10:00 IST) to Saturday, May 02, 2026 (23:59 IST)
5	Last date for fee payment of registered candidates	Monday, May 04, 2026 (23:59 IST)
6	Admit Card available for downloading	Monday, May 11, 2026 (10:00 IST) to Sunday, May 17, 2026 (14:30 IST)
7	Choosing of scribe by PwD candidates / candidates with less than 40% disability and having difficulty in writing	Saturday, May 16, 2026
8	JEE (Advanced) 2026 Examination	Sunday, May 17, 2026 Paper 1: 09:00-12:00 IST Paper 2: 14:30-17:30 IST
9	Copy of candidate responses to be available on the JEE (Advanced) 2026 website	Thursday, May 21, 2026 (17:00 IST)

Sl. No.	Activity	Day, Date and Time (IST)
10	Online display of provisional answer keys	Monday, May 25, 2026 (10:00 IST)
11	Feedback and comments on provisional answer keys	Monday, May 25, 2026 (10:00 IST) to Tuesday, May 26, 2026 (17:00 IST)
12	Online declaration of final answer key and Results of JEE (Advanced) 2026	Monday, June 01, 2026 (10:00 IST)
13	Online registration for Architecture Aptitude Test (AAT) 2026	Monday, June 01, 2026 (10:00 IST) to Tuesday, June 02, 2026 (17:00 IST)
14	Tentative start of Joint Seat Allocation (JoSAA) 2026 Process	Tuesday, June 02, 2026 (17:00 IST)
15	Architecture Aptitude Test (AAT) 2026	Thursday, June 04, 2026 (09:00 IST to 12:00 IST)
16	Declaration of results of AAT 2026	Sunday, June 07, 2026 (17:00 IST)

Important Dates : JoSAA SCHEDULE 2026

	Date	Time (IST)	Event
	Monday, 20 April, 2026	10:00	Joint Apex Board declared JEE (Main) 2026 Ranks
	Monday, 1 June, 2026	10:00	Announcement of JEE (Advanced) 2026 Result
Candidate Registration and Choice Filling	Tuesday, 2 June, 2026	17:00	1. Candidate registration/choice filling for academic programs under JoSAA STARTS; candidates who qualify for the Architecture Aptitude Test (AAT) can fill in their AAT-specific choices starting from June 7, 2026, after the declaration of the AAT result. 2. Pre-payment of the JoSAA seat acceptance fee & pre-upload of documents start
	Monday, 8 June, 2026	14:00	Display of Mock Seat Allocation-1 based on the choices filled- in by candidates as on June 7, 2026, 20:00 IST
	Wednesday, 10 June, 2026	13:00	Display of Mock Seat Allocation-2 based on the choices filled- in by candidates as on June 09, 2026, 17:00 IST.
			Candidates can Lock their Choices
	Thursday, 11 June, 2026	17:00	1. Candidate registration and choice filling for academic programs under JoSAA 2026 ENDS (Auto/System Locking of Choices)
			2. Pre-payment of the JoSAA seat acceptance fee & pre-upload of documents end
Friday, 12 June, 2026		Reconciliation of data, verification, and validation by the JoSAA	
Round 1	Saturday, 13 June, 2026	10:00	Seat Allocation (Round 1)
	Saturday, 13 June, 2026	By 17:00,	Online reporting: fee payment* / document upload / response by candidate to queries (if required) (Round 1)
	Friday, 26 June, 2026	Jun 26, 2026	
	Friday, 26 June, 2026	17:00	*Last date for fee payment (Round 1)
	Monday, 29 June, 2026	By 13:00	Resolution of Fee Payment Issues for Candidates who have made Payment Attempts before the payment deadline
	Monday, 29 June, 2026	By 17:00	Last day to respond to Withdrawal Query

	Date	Time (IST)	Event
Round 2	Tuesday, 30 June, 2026	17:00	Seat Allocation (Round 2)
	Tuesday, 30 June, 2026	By 17:00,	Online reporting: fee payment* / document upload / response by candidate to query (if required) (Round 2)
	Friday, 03 July, 2026	July 03, 2026	
	Friday, 03 July, 2026	By 17:00	
	Saturday, 04 July, 2026	By 17:00	Resolution of Fee Payment Issues (Round 2)
	Wednesday, 01 July, 2026	10:00	Initiation of Withdrawal of seat / Exit from seat allocation process (Round 2). July 01, 2026, 10:00 IST – July 03, 2026, 17:00 IST
	Friday, 03 July, 2026	By 17:00	
	Sunday, 05 July, 2026	By 17:00	Last day to respond to Withdrawal Query & Last day to respond to queries (Round 2)

This website has been launched to provide candidates and public-at-large information about IIT(ISM) UG Admission. If you do not agree to the terms and conditions given below, do not access this site or any pages thereof.

TERMS AND CONDITIONS

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✓ **Network Services**

The IIT(ISM) JEE Advanced office cannot be held responsible for reduced access speeds due to bandwidth overloads especially close to the deadlines of any online activity.

✓ **Jurisdiction**

In case any claim or dispute arises in respect of UG admission, it is hereby made absolutely clear that the Courts at Dhanbad and Dhanbad alone shall have the exclusive jurisdiction to entertain and settle any such dispute or claim.

Format of Certificates: GEN –EWS, OBC-NCL, SC/ST

FORM-OBC-NCL

OBC-NCL Certificate Format

FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES (NCL)* APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER THE GOVERNMENT OF INDIA

This is to certify that Shri/Smt./Kum** _____ Son/ Daughter** of Shri/Smt.** _____ of Village/ Town** _____ District/Division** _____ in the State/Union Territory _____ belongs to the _____ community that is recognized as a backward class under Government of India***, Ministry of Social Justice and Empowerment's Resolution No. _____ dated _____ ****

Shri/Smt./Kum. _____ and/or _____ his/her family ordinarily reside(s) in the _____ District/Division of the _____ State/Union Territory. This is also to certify that **he/she does NOT belong to the persons/sections (Creamy Layer)** mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93- Estt. (SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt.(Res.) dated 09/03/2004, further modified vide OM No. 36033/3/2004-Estt. (Res.) dated 14/10/2008, again further modified vide OM No.36036/2/2013-Estt (Res) dtd. 30/05/2014, and again further modified vide OM No. 36033/1/2013-Estt (Res) dtd. 13/09/2017.

District Magistrate /
Deputy Commissioner /
Any other Competent Authority

Dated: _____

Seal

* Visit <http://www.ncbc.nic.in> for latest guidelines and updates on the Central List of State-wise OBCs.

** Please delete the word(s) which are not applicable.

*** As listed in the Annexure (for FORM-OBC-NCL)

**** The authority issuing the certificate needs to mention the details of Resolution of Government of India, in which the caste of the candidate is mentioned as OBC.

NOTE:

(a) The term 'Ordinarily resides' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

(b) The authorities competent to issue Caste Certificates are indicated below:

(i) District Magistrate/ Additional District Magistrate/ Collector/ Deputy Commissioner/ Additional Deputy Commissioner/ Deputy Collector/ Ist Class Stipendiary Magistrate/ Sub-Divisional magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).

(ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.

(iii) Revenue Officer not below the rank of Tehsildar and

(iv) Sub-Divisional Officer of the area where the candidate and/or his family resides

(v) Certificate issued by any other authority will be rejected

FORM-SC-ST

SC/ST Certificate Format

FORM OF CERTIFICATE TO BE PRODUCED BY SCHEDULED CASTES (SC) AND SCHEDULED TRIBES (ST) CANDIDATES

1. This is to certify that Shri/ Shrimati/ Kumari* _____ son/daughter* of _____ of Village/Town* _____ District/Division* _____ of State/Union Territory* _____ belongs to the _____ Scheduled Caste / Scheduled Tribe* under :-

- * The Constitution (Scheduled Castes) Order, 1950
- * The Constitution (Scheduled Tribes) Order, 1950
- * **The Constitution (Scheduled Castes) (Union Territories) Order, 1951**
- * The Constitution (Scheduled Tribes) (Union Territories) Order, 1951

[As amended by the Scheduled Castes and Scheduled Tribes Lists (Modification Order) 1956, the Bombay Reorganisation Act, 1960, the Punjab Reorganisation Act, 1966, the State of Himachal Pradesh Act, 1970, the North Eastern Areas (Reorganisation) Act, 1971, the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 1976 and the Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 2002]

- * The Constitution (Jammu and Kashmir) Scheduled Castes Order, 1956;
- * The Constitution (Andaman and Nicobar Islands) Scheduled Tribes Order, 1959, as amended by the Scheduled Castes and Scheduled Tribes Order (Amendment) Act, 1976;
- * The Constitution (Dadra and Nagar Haveli) Scheduled Castes Order, 1962;
- * The Constitution (Dadra and Nagar Haveli) Scheduled Tribes Order, 1962;
- * The Constitution (Pondicherry) Scheduled Castes Order, 1964;
- * The Constitution (Uttar Pradesh) Scheduled Tribes Order, 1967;
- * The Constitution (Goa, Daman and Diu) Scheduled Castes Order, 1968;
- * The Constitution (Goa, Daman and Diu) Scheduled Tribes Order, 1968;
- * The Constitution (Nagaland) Scheduled Tribes Order, 1970;
- * The Constitution (Sikkim) Scheduled Castes Order, 1978;
- * The Constitution (Sikkim) Scheduled Tribes Order, 1978;
- * The Constitution (Jammu and Kashmir) Scheduled Tribes Order, 1989;
- * The Constitution (Scheduled Castes) Order (Amendment) Act, 1990;
- * The Constitution (Scheduled Tribes) Order (Amendment) Act, 1991;
- * The Constitution (Scheduled Tribes) Order (Second Amendment) Act, 1991.

2. * This certificate is issued on the basis of the Scheduled Castes / Scheduled Tribes* Certificate issued to Shri /Shrimati* _____ father/mother* of Shri /Shrimati /Kumari* _____ of Village/Town* _____ in District/Division* _____ of the State State/Union Territory* _____ who belong to the Caste / Tribe* which is recognised as a Scheduled Caste / Scheduled Tribe* in the State / Union Territory* _____ issued by the _____ dated _____.

3. Shri/ Shrimati/ Kumari * _____ and / or* his / her* family ordinarily reside(s)** in Village/Town* _____ of _____ District/Division* of the State Union Territory* of _____.

Signature: _____
Designation _____
(With seal of the Office)

Place: _____ State/Union Territory* _____

Date: _____

* Please delete the word(s) which are not applicable.

† Applicable in the case of SC/ST Persons who have migrated from another State/UT.

IMPORTANT NOTES

The term "ordinarily reside(s)***" used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.

Officers competent to issue Caste/Tribe certificates:

1. District Magistrate / Additional District Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / Ist Class Stipendiary Magistrate / City Magistrate / Sub-Divisional Magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner.
2. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
3. Revenue Officers not below the rank of Tehsildar.
4. Sub-Divisional Officer of the area where the candidate and/ or his family normally reside(s).
5. Administrator / Secretary to Administrator / Development Officer (Lakshadweep Island).
6. Certificate issued by any other authority will be rejected.

FORM-GEN-EWS

Government of
(Name & Address of the authority issuing the certificate)

INCOME & ASSET CERTIFICATE TO BE PRODUCED BY ECONOMICALLY WEAKER SECTIONS

Certificate No. _____ Date _____

1. This is to certify that Shri/Smt./Kumari _____ son/daughter/wife of _____ permanent resident of _____, Village/Street _____ Post Office _____ District _____ in the State/Union Territory _____ Pin Code _____ whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her "family"*** is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year 2025-2026. His/her family does not own or possess any of the following assets***:

- I. 5 acres of agricultural land and above;
- II. Residential flat of 1000 sq. ft. and above;
- III. Residential plot of 100 sq. yards and above in notified municipalities;
- IV. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

2. Shri/Smt./Kumari _____ belongs to the _____ caste which is not recognized as a Schedule Caste, Schedule Tribe and Other Backward Classes (Central List).

Signature with seal of Officer _____
Name _____
Designation _____

Recent Passport size
attested photograph
of the applicant

The income and assets of the families as mentioned would be required to be certified by an officer not below the rank of Tehsildar in the States/UTs.

* **Note1:** Income covered all sources i.e., salary, agricultural, business, profession, etc.

** **Note2:** The term "Family" for this purpose includes the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18 years as also his/her spouse and children below the age of 18 years.

*** **Note3:** The property held by a "Family" in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

