



Indian Institute of Technology Bhilai
(IIT Bhilai)

Executive M.Tech Artificial Intelligence

Type

Executive Program

Mode

Online

Duration

2 Years

Total fees

₹ 425,000

Indian Institute of Technology Bhilai (IIT Bhilai)

Established in 2016 under the Ministry of Education, Indian Institute of Technology Bhilai is one of India's emerging IITs, rapidly building a reputation for academic excellence, research focus, and industry relevance. Located at its permanent campus in Kutelabhata, IIT Bhilai is designed as a modern, interdisciplinary institution where engineering, technology, and applied research converge to solve real-world challenges. At IIT Bhilai, education goes beyond concepts. It is built around application and innovation to operate in complex, evolving industries with confidence.

Executive M.Tech Artificial Intelligence

Highlights

- ◆ Earn an Executive M.Tech in Artificial Intelligence from IIT Bhilai.

- ◆ Build expertise in machine learning, deep learning, NLP, computer vision and emerging AI technologies.

- ◆ Choose specialised electives in Generative AI, reinforcement learning, distributed AI and AI security.

- ◆ Apply learning through hands-on coursework and a 12-credit capstone project.

- ◆ Benefit from multiple exit pathways and an option to pursue regular M.Tech equivalency through an on-campus thesis.

Learning outcomes

- ◆ Apply machine learning, deep learning, computer vision and NLP techniques to complex problems.
- ◆ Design, develop and deploy scalable and efficient AI-based systems.
- ◆ Evaluate and optimise AI models using appropriate tools, methods and performance measures.
- ◆ Address ethical, privacy, security and societal considerations while implementing AI solutions.
- ◆ Communicate AI strategies and technical recommendations effectively to multidisciplinary stakeholders.

Eligibility Criteria

Minimum 2 years of relevant experience within the preceding 3 Years*.

Should have B.Tech. / B.E. / B.Sc. in relevant field (minimum 4-year program) / M.S. or M.Sc. in relevant field (minimum 2-year program) / M.C.A. (minimum 2-year program). For the candidates applying based on the M.Sc./M.S./M.C.A. degree, the undergraduate degree must be in a science or engineering field.

In the qualifying degree, at least 55% marks or a CGPA/CPI equivalent to 55% marks. In case the candidate belongs to the SC, ST, or Persons with Disability (PwD) category, this is relaxed to 50% marks or a CGPA/CPI equivalent to 50% marks. To be eligible to apply for equivalency after the third semester, the candidate must have scored the minimum marks in the qualifying degree as specified in the eligibility criteria of the regular M.Tech. program of IIT Bhilai. *To be computed as per the last day for application submission of this round.

Eligibility for PhD: Executive M.Tech. degree will be considered eligible for PhD admissions.

Other MEQs will remain as per the institute norms.

Program-specific criteria for Ex. M.Tech. admissions: Relevant Experience- Industrial or Teaching experience only. Relevant field for the qualifying degree- A. M.Sc./M.S. (2 years): ME / EE / ECE / CS / MT / PI / AE / IN B. B.Sc. (4 years): ME / EE / ECE / CS / MT / PI / AE / IN



Curriculum Overview (continued)

Semester I (3 subjects)

- ◆ Introduction to Artificial Intelligence
 - ◆ Mathematics and Programming for Artificial Intelligence
 - ◆ Machine Learning
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Semester II (3 subjects)

- ◆ Deep Learning
 - ◆ AI Elective 1
 - ◆ AI Elective 2
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Semester III (3 subjects)

- ◆ AI Elective 3
 - ◆ AI Elective 4
 - ◆ AI Elective 5
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Semester IV (1 subject)

- ◆ Capstone Project OR Thesis
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Semester V (1 subject)

- ◆ Thesis



Curriculum Overview (continued)

AI Electives - 1 (Semester II) (4 subjects)

- ◆ Reinforcement Learning
 - ◆ Natural Language Processing
 - ◆ Computer Vision
 - ◆ Systems for AI/ML
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AI Electives – Semester III (7 subjects)

- ◆ Learning with Graphs
- ◆ Distributed AI Systems
- ◆ Generative AI
- ◆ Agents and Prompt Engineering
- ◆ AI for Industry – IoT
- ◆ Robotics and UAV
- ◆ Security and Privacy of AI

Fee Structure

Fee heads	Sem 1	Sem 2	Sem 3	Sem 4	Total
Application Fee	₹ 5,000	—	—	—	₹ 5,000
Admission Fee	₹ 105,000	₹ 105,000	₹ 105,000	₹ 105,000	₹ 420,000
Total	₹ 110,000	₹ 105,000	₹ 105,000	₹ 105,000	₹ 425,000