



Indian Institute
of Technology Patna



"Enrol, Educate, Excel and
Transform Career Trajectory"

Executive M.Tech in

- Artificial Intelligence & Data Science Engineering
- Computer Science & Engineering

Electives

Advanced Communication Systems | Big Data Analytics
Blockchain Technology | Cybersecurity* | Edge (Cloud) Computing
Generative Adversarial Networks (GANs)* | Geotechnical Engineering
Embedded Systems | Internet of Things | Nanotechnology*
Natural Language Processing (NLP) | Robotics | Quantum Computing*

** Minimum 25 candidates are required for each electives

**Academic Session
2024-25**



1 in India
13 in Asia in
NLP
csrankings.org*



2 in India
Today's MDRA
Ranking 2023*



21 National
Institutional
Ranking Framework*



106 in the
BRICS QS
University
Rankings*



601
World University
Rank 2024*

Executive Master of Business Administration (MBA)

in Dual specialization

Choose any two from the following areas:

- Human Resource (HR)
- Marketing
- Finance
- Operation Management
- International Business
- Analytics & Data Science
- IT & Fintech
- Banking, Financial Services & Insurance
- Retail Management
- Strategy & Leadership

Programme Features



100% Live interactive classes (Online)
with doubt clearing sessions on weekends



Fully Complaint to NEP 2020
Curriculum Framework Structure



Industry Skill Oriented & at par with
Global standard



Course learning outcome mapped
with Industry Demand



Remote access to the e-Library of
IIT Patna



Unique blend of learning and work experience
through PAID APPRENTICESHIP / Internship
opportunities based on merit



Accident & Health Insurance Cover
for Students and Parents



100% INTERNSHIP/PLACEMENT SUPPORT

EMAIL US
info@iitp-cep.in

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Director's Message



It gives me immense joy to welcome you to the Quality Improvement Program (QIP), the new academic unit in the IIT Patna system. QIP aims to combine technology and management to prepare students to explore a future of possibilities. QIP plays a crucial role in upgrading and enhancing the capabilities and skill sets of pursuing graduates/ graduates and working professionals in technology & management education. With its industry-oriented future-centric curriculum, exceptional faculty, and strong international footprint, QIP has the right ingredients to achieve a leadership position among its peers in the time to come.

IIT Patna will undertake the following activities under QIP: Faculty Development Programme (FDP), Short Term Courses, Knowledge Dissemination Programme, National Summer & Winter Term and Internship (NSWTI), International Summer & Winter Term and Internship (ISWTI), Certificate Programmes, Online Courses and Training Programme for the School Students, Certificate Programmes, Executive Programmes.

I wish QIP and all its stakeholders a purposeful and joyful journey ahead and felicitate all its endeavours. I invite you to be part of this exciting journey and participate in the success of QIP at IIT Patna.

I welcome you to become a part of our story and to form a long-lasting association with the institute.

Prof. T.N. Singh

Director, Chief Academic Mentor, QIP, Indian Institute of Technology Patna

Dean (Academics & Administration)

Prof. A. K. Thakur

Prof. A. K. Thakur continuing currently as the Professor of Physics at the Department of Physics at Indian Institute of Technology, Patna & Dean Academics, IIT Patna. Prof. Thakur is Gold Medalist at M.Sc.(Physics). He is recipient of the coveted "Nehru Fellowship" for pursuing Doctoral Research at the National University of Singapore (QS Rank 8). Currently, he is Vice president of the Asian Society for Solid State Ionics

The research expertise of Prof. Thakur is experimental condensed matter physics and applied physics with interest of specific experimental research comprising; a). Renewable clean and green energy, b). Solid state Ionic devices, c). Storage cells, d). Solar photovoltaics, e). Dielectrics and Ferroelectrics, f). Processing & fabrication of nanomaterials, g). E.M.I. shielding, h). Battery Management System (BMS) design and fabrication for operational safety of battery packs for EV applications, i). Product design simulation and development for commercialization.



Adean Resource

Dr. Asif Ekbal



Asif Ekbal is an Associate Professor in the Department of Computer Science and Engineering at IIT Patna. He has been working in the broad areas of Artificial Intelligence, Machine Learning and Natural Language Processing since the last 18 years. His research is supported by various Govt bodies (MeitY, SERB etc) and Industries (e.g. Flipkart, Samsung Research, Wipro, Accenture etc). He has been listed in the top 2% scientists published by Stanford University, and is an awardee of Visvesvaraya Young Faculty Research Fellowship (YFRF), Govt of India; JSPS Invitation Fellowship from the Govt of Japan, and Innovative Project Award from the Indian National Academy of Engineering.





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www.iitp.ac.in



सत्यमेव जयते
Ministry of Education
Government of India



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601
World University
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Indian Institute of Technology Patna



Congratulations



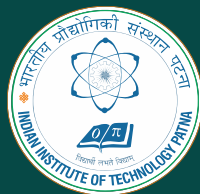
Stat of 2022-23 Placement Session

Placement Percentage	: 91.26%
Average Pay Package	: 23.09 LPA
Highest Pay Package	: 82.05 LPA
No. of visiting company	: 165
No. of international offers	: 19

Sectors:

- Analytics/Consulting,
- Fintech
- Banking & Finance
- E-Commerce
- Ed Tech, IT/Software
- Manufacturing Core
- Research & Development
- Automotive
- Education
- Healthcare
- Logistic & Others.





**Indian Institute
of Technology Patna**
भारतीय प्रौद्योगिकी संस्थान पटना



Kanpa Road, Bihta, Patna – 801106, India, Phone: 06115-233102

Executive M.Tech

Preparatory Class Schedule

1. March 30, 2024

Introduction o Computer Science and Engineering
Introduction to Artificial telligence and Data
Science Engineering
Interaction or Query Schedule (Q&A)

2. April 06, 2024

Fundamentals of Data Structures
Fundamentals of Theory of Computation
Assignment on Data Structure using C

3. April 13, 2024

Tutorial on Python

4. April 20, 2024

Preliminary of Algorithms
Search in AI and Data Science

5. April 27, 2024

Assignments on Algorithms
Assignment on AI and Data Science using Python

6. May 04, 2024

Database Preliminary
Fundamentals of Machine Learning

7. May 11, 2024

Assignment on database
Assignment on machine learning

8. May 18, 2024

Supervised Machine Learning
Unsupervised Machine Learning

9. May 25, 2024

Research Trends-2: AI, Data Sciences and CSE

10. June 01, 2024

Research Trends-1: AI, Data Sciences and CSE

11. June 15, 2024

Sample Assessment shall be treated as a reference
for the semester examinations.

Major Organizations where Participants work



Organizations where Participants are employed at the time of joining the programme

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HOW IT FITS WITH
YOUR CAREER?



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भारतीय प्रौद्योगिकी संस्थान पटना



Kanpa Road, Bihta, Patna – 801106, India, Phone: 06115-233102

Executive MBA Preparatory Class Schedule

Prep-MBA Course Objective:

Pre-MBA classes provide a basic introduction to the key concepts for future MBA students with limited education or experience in Management. MBA candidates go through basic Business concepts and Practices, which help them gain essential skills for their future studies and career.

30.03.2024 (05:45-07:00PM)

Management concepts & Managerial Functions,
Context and Concept of People Management in a
Systems Perspective

06.04.2024 (05:45-07:00PM)

Social Responsibilities of Business, Managerial
Skills
13.04.2024 (05:45-07:00PM)
Levels in Management, Short Range and Long
Range Planning

20.04.2024 (05:45-07:00PM)

Authority and Responsibility Relationships,

Delegation of Authority and Decentralization

27.04.2024 (05:45-07:00PM)

Management of Innovation Entrepreneurial
Management

04.05.2024 (05:45-07:00PM)

Basics & Process of Communication, Types of
Communication, Forms of Communication at
Workplace

11.05.2024 (05:45-07:00PM)

Technology and Communication, Cross Cultural
Communication



Live Online Preparatory Classes shall
start w.e.f 30 March 2024, followed by
Assignments & Assessments till 15th June 2024



June 2024 Assessment & Doubt
Clearing QA Sessions.



w.e.f July 2024 onwards Regular
Classes of 1st Semester.



1st Term Exam in Dec 2024



Regular Classes of 2nd Term Jan 2025



2nd Term Exam May 2025



3rd Semester Classes - Dissertation
work starting July 2025 onwards.



Presentation on Thesis or Dissertation.



Final Term Research Paper Publication
with Programme Coordinator.



Final Assessment.



Award of Degree Certificate during
Convocation (2026).

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HOW IT FITS WITH
YOUR CAREER?



Executive MBA

ELIGIBILITY

- ▶ The candidate must hold a bachelor's degree, with at least 50% marks or equivalent CGPA (in case of the candidate belonging to scheduled caste (SC)/ Scheduled Tribe (ST)/ Persons with Disability (PwD) category, this is relaxed to 45%).
- ▶ Relaxation: Marks will be relaxed by 2.5% or 0.5 CGPA or CPI against each year of experience.

FEE STRUCTURE

Fees For Gen Candidate:	Fees For SC/ST/OBC/Min/EWS Candidate	Fees For International Candidates
₹59,000 Per Semester	₹55,000 Per Semester	\$1,810 Per Semester
Including Fees		
Registration Fee:	₹5,000 (Included In Semester Fees)	\$100 (Included In Semester Fees)
Additional Fees		
Exam & Other Activities Fees: (To be paid with Semester Fees)	₹7,300 (Per Semester)	- - -
Alumni Fees:	₹6,000 (One Time)	\$ 150 (One Time)

Executive M.Tech (AI & DSE / CSE)

ELIGIBILITY

- ▶ The candidate must hold a BE/B.Tech./MCA/MSC(CS/IT) with at least 50% marks or equivalent CGPA (in case of the candidate belonging to scheduled caste (SC)/ Scheduled Tribe (ST)/ Persons with Disability (PwD) category, this is relaxed to 45%) with experience.
- ▶ Relaxation: Marks will be relaxed by 2.5% or 0.5 CGPA or CPI against each year of experience.

FEE STRUCTURE

Fees For Gen Candidate:	Fees For SC/ST/OBC/Min/EWS Candidate	Fees For International Candidates
₹64,500 Per Semester	₹59,000 Per Semester	\$1,810 Per Semester
Including Fees		
Registration Fee:	₹5,000 (Included In Semester Fees)	\$100 (Included In Semester Fees)
Additional Fees		
Exam & Other Activities Fees: (To be paid with Semester Fees)	₹8,500 (Per Semester)	- - -
Alumni Fees:	₹6,000 (One Time)	\$ 150 (One Time)

DURATION

- Minimum 2 years (divided into 4 semesters), maximum 4 years
- Students will be required to put in 10-15 hours of study time per week

Multiple EMI options available with 0% interest and 0 down payment*

**FOR ADMISSION:
REGISTER, SCAN & PAY**
Fee Rs.5000/- (Non-refundable)

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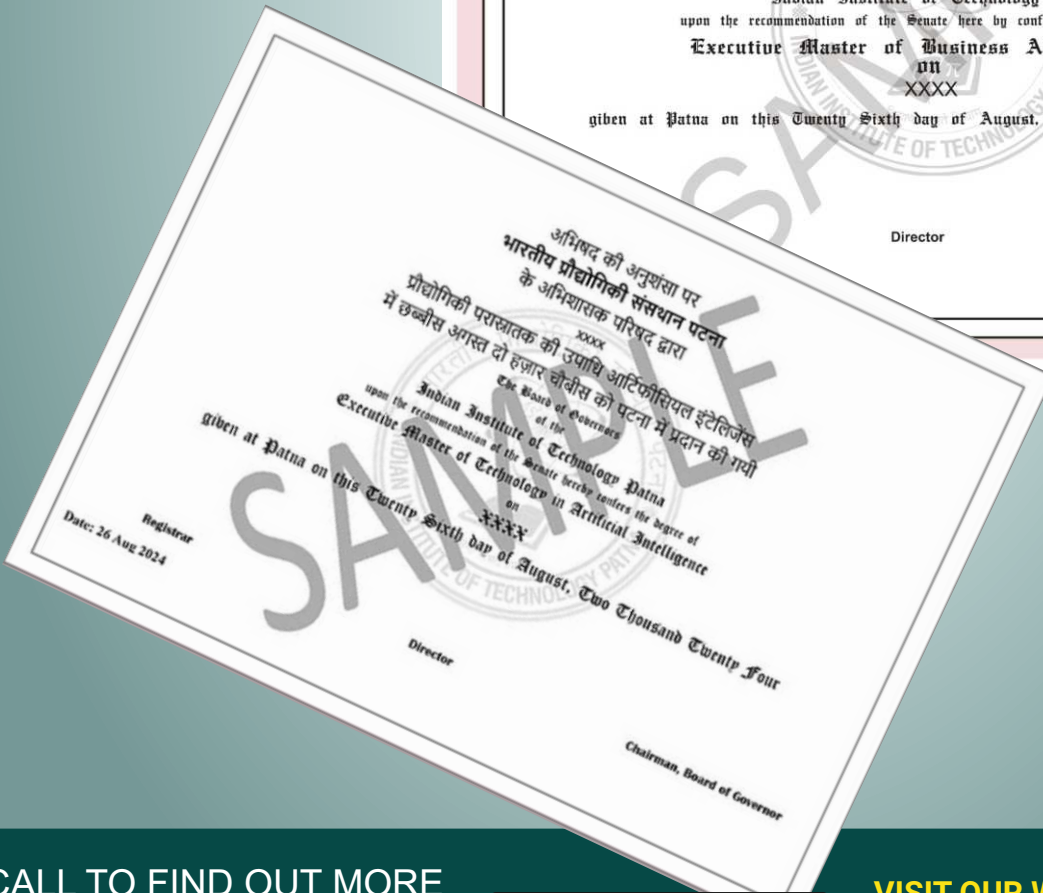
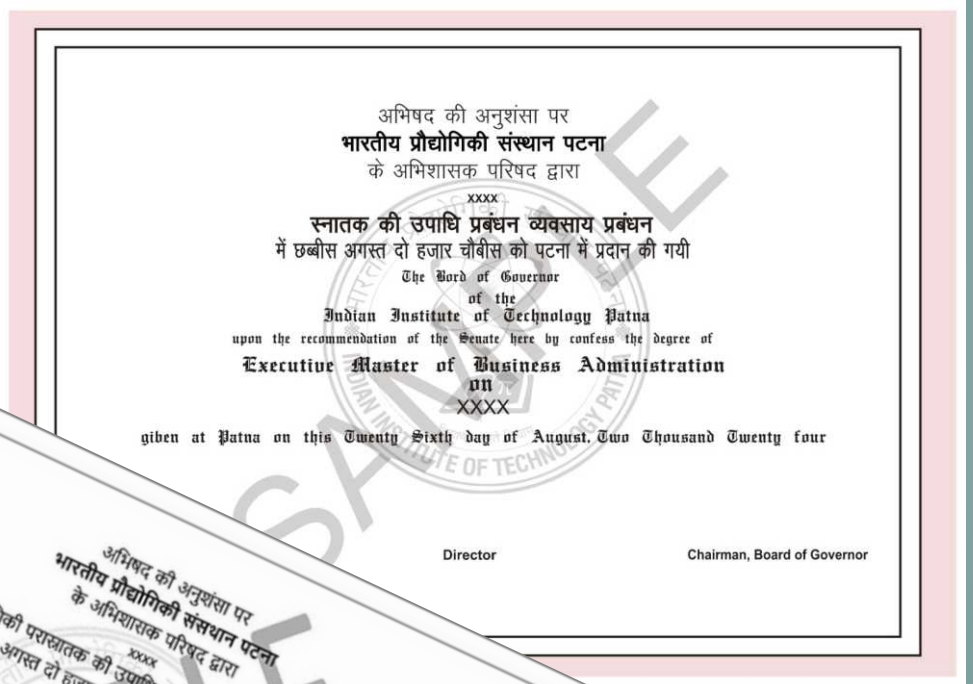


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Degree Certificate



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**HOW IT FITS WITH
YOUR CAREER?**

Seats are filling up fast for this exciting Master's Degree program and early applications are encouraged! * Conditions Apply



Indian Institute of Technology, Patna

Bihta, Patna -801106 (Bihar)

Ministry of Education, Govt. of India

READY TO ADVANCE YOUR CAREER?


APPLY NOW

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**SPEAK TO A PROGRAM ADVISOR
HAVE QUESTIONS ABOUT THE PROGRAM OR
HOW IT FITS WITH YOUR CAREER?**

CONTACT FOR ADMISSIONS

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