



INDIAN INSTITUTE OF  
INFORMATION  
TECHNOLOGY

# IIT Dharwad M.Tech Degree Program in Data Science and Artificial Intelligence

Where the Future of AI & Technology Begins



## About IIIT Dharwad

Indian Institute of Information Technology, Dharwad (IIIT Dharwad), established in 2015 through a unique Public-Private-Partnership (PPP) by the Ministry of Education, Government of India, the Government of Karnataka, and Keonics (an industry partner), stands at the forefront of delivering world-class education. Recognized as an Institute of National Importance, IIIT Dharwad is redefining how Data Science, AI, and Emerging Technologies are taught.

## Why Choose IIIT Dharwad?



**India's Newest & Fastest-Growing IIIT:**

One of the most dynamic institutes among the 21 IIITs.



**Industry-Aligned Curriculum:**

Programs tailored to meet global AI and tech demands.



**Institute of National Importance:**

IIIT Dharwad enjoys full academic freedom where learners choose their specialization and electives.



**Strong Alumni Network:**

Full privileges as an IIIT Dharwad graduate.

# Programme Overview

## M.Tech in Data Science & Artificial Intelligence

Move beyond a conventional degree—this M.Tech program is designed to prepare you for high-impact roles in the tech industry and academia, emphasizing project-based learning and research-driven problem-solving.

### Key Features:



Duration: 2 years  
(4 semesters) with  
multi-exit and  
re-entry options



Mode: LIVE classes  
with an optional  
7-day free campus  
immersion\*



For: Working  
professionals,  
industry leaders, and  
fresh graduates

### Programme Highlights:



Industry-aligned  
curriculum



Specialization  
tracks to enhance  
expertise



Degree equivalent  
to an on-campus  
M.Tech



Project-based  
learning for  
hands-on experience

This program is tailored for Tier 1 careers in top global technology firms—not entry-level AI roles.



# What Sets Us Apart?

Feature	IIIT Dharwad (IIITD)	Most Other Institutes
Curriculum Flexibility	1 Full flexibility from Semester 2. Specializations are modular.	Fixed curriculum, no customization.
Industry Projects & Portfolio Building	2 Projects integrated into all four semesters, creating a strong portfolio	Projects only in the final semester, often theoretical.
Multi-Exit & Re-Entry Options	3 Students can pause and resume studies within four years, ideal for working professionals.	Fixed academic structure, limited options to pause and resume learning.
Placement Readiness	4 AI-powered learning summaries and project-based learning make graduates job-ready for top-tier companies.	Traditional approach where theoretical knowledge dominates, leading to a skill gap in practical AI applications.
Alumni Privileges & Campus Access	5 M.Tech students are full-fledged IIIT Dharwad alumni, with research, faculty, and placement access.	Many institutions do not extend full alumni privileges to online learners.
Campus Immersion Experience	6 7-day optional on-campus immersion, covering labs, faculty interactions, and networking.	No such option for online students in most universities.

# Key Advantages of the M.Tech Program at IIT Dharwad



## Flexible Curriculum

- Structured foundation in Semester 1
- Customize electives from Semester 2
- Specialize or become a generalist



## Project-Based Learning

- Graduate with multiple AI-driven projects, demonstrating ability to solve real-world problems
- Build a portfolio showcasing real-world problem-solving skills
- Boosts employability and prepares for doctoral research



## Full Alumni Privileges

- Faculty mentorship and research opportunities
- Placement support and access to alumni network
- Same Benefits as On-Campus Students



## 7-Day Campus Immersion

- Hands-on lab sessions
- Research discussions & industry talks
- Networking with faculty and peers

# Curriculum & Specializations

Students can customize their M.Tech journey by choosing from core AI subjects and specialized electives.



## Core Courses

- Applied Mathematics for Data
- Advanced Learning Algorithms
- Data Science Lab
- AI Systems Lab
- Research and Project Work



## Specializations

- Natural Language Processing (NLP) & Speech AI – Conversational AI, Speech Recognition, and Social Media Analytics.
- Computer Vision – Object Detection, 3D Vision, and AI for Autonomous Systems.
- Generative AI – Deep Learning, Large Language Models, and AI-driven Creativity.
- Healthcare Analytics – Bioinformatics, Biomedical Signal Processing & Health Data Analytics.
- Financial Analytics – Computational Finance, Data Modeling & Applied Econometrics.



# Know Your Faculty



**Prof. S. R. Mahadeva Prasanna**  
Professor and Director  
**Data Science and Artificial Intelligence**  
Ph.D. (IIT Madras)



**Dr. Deepak K T**  
Assistant Professor  
**Electronics and Communication Engineering**  
Ph.D. (IIT Guwahati)



**Dr. Abdul Wahid**  
Assistant Professor  
**Computer Science and Engineering**  
Ph.D. (IIT Dhanbad)



**Dr. Dibyajyoti Guha**  
Assistant Professor  
**Computer Science and Engineering**  
Ph.D. (IIT Bhubaneswar)



**Dr. Girish G N**  
Assistant Professor  
**Computer Science & Engineering**  
Ph.D. (NITK)



**Dr. Krishnendu Ghosh**  
Assistant Professor  
**Computer Science & Engineering**  
Ph.D. (IIT Kharagpur)



**Dr. Sunil C K**  
Assistant Professor  
**Computer Science & Engineering**  
Ph.D. (NITK Surathkal)



**Dr. Sunil Kumar P V**  
Assistant Professor  
**Electronics and Communication Engineering**  
Ph.D. (NIT, Calicut)



**Dr. Sunil Saumya**  
Assistant Professor  
**Data Science and Artificial Intelligence**  
Ph.D. (NIT Patna)



**Dr. Prabhu Prasad B M**  
Assistant Professor  
**Computer Science and Engineering**  
Ph.D. (NITK Surathkal)



**Dr. Animesh Chaturvedi**  
Assistant Professor  
**Data Science and Artificial Intelligence**  
Ph.D. (IIT Indore)



**Dr. Manjunath K V**  
Assistant Professor  
**Data Science and Artificial Intelligence**  
Ph.D. (NITK Surathkal)



**Dr. Shirshendu Layek**  
Assistant Professor  
**Data Science and Artificial Intelligence**  
Ph.D. (IIT Dhanbad)



**Dr. Siddharth R**  
Assistant Professor  
**Data Science and Artificial Intelligence**  
Ph.D. (NIT Puducherry)



**Dr. Ramesh Athe**  
Assistant Professor  
**Data Science and Artificial Intelligence**  
Ph.D. (Osmania University, Hyderabad)



**Dr. Utkarsh Khaire**  
Assistant Professor  
**Electronics and Communication Engineering**  
Ph.D. (NIT Nagaland)



**Dr. Chinmayananda A**  
Assistant Professor  
**Electronics and Communication Engineering**  
Ph.D. (IISc Bengaluru)



**Dr. Rajib Sharma**  
Assistant Professor  
**Electronics and Communication Engineering**  
Ph.D. (IIT Guwahati)



**Dr. Nataraj K S**  
Assistant Professor  
**Electronics and Communication Engineering**  
Ph.D. (IIT Bombay)



**Dr. Sibasankar Padhy**  
Assistant Professor  
**Electronics and Communication Engineering**  
Ph.D. (IIT Guwahati)

# Eligibility Criteria

## Qualifications:

- B.E./B.Tech/M.Sc./MCA graduates

## Minimum Requirements:

- General/OBC: 60% marks or 6.5 CGPA
- SC/ST/PwD: 55% marks or 6.0 CGPA
- Preferred but Not Mandatory: GATE/NET scores (required for scholarships)



## Programme Fees

**Total fees: 3.54 Lakhs**

(inclusive of application fee, course fee, and GST)



# Admission Process



## Application:

Fill out the form and  
pay the application  
fee



## Entrance Test:

Appear for an  
online test



## Interview:

Participate in a  
selection interview



## Offer Letter:

Receive admission  
confirmation



## Fee Payment:

Confirm your  
enrollment





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## Contact Us

Get in touch with our support team

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