

Indian Institute of Information Technology
Design and Manufacturing Kurnool



Information Brochure
Ph.D. admissions
January 2025 Session

Department of
Computer Science and Engineering

About the Department:

The Department of Computer Science and Engineering (CSE) has started B.Tech Computer Science and Engineering (CSE) in 2015 with an intake of 50 and B.Tech Artificial Intelligence and Data Science (ADS) in 2020 with an intake of 30. In 2021 the intake of B.Tech CSE is increased to 70 and B.Tech ADS is increased to 60. In 2023 the department started M.Tech in Computer Science & Engineering with an Intake of 20 and M.Tech in Artificial Intelligence & Data Science with an Intake of 20.

For more details visit department page: <https://iiitk.ac.in/Computer-Science-and-Engineering/page>

Vacancies:

Full-Time:		Part-Time:	
Institute Fellowship (HTRA)	8	Vacancies for applicants from Industry/R&D labs	3
Sponsored Project	2	Vacancies for applicants from Academia	2

Eligibility Criteria for Full-Time Ph.D.:

(a) Applicants holding Master's degree:

- M. Tech./M.S. (Research) degree in Engineering/Technology in appropriate branch of study from any CFTI with a minimum CGPA of 7.5/10.0 or 70% aggregate of marks at both UG and PG.
- M. Tech./M.S. (Research) degree in Engineering/Technology in appropriate branch of study with a minimum CGPA of 6.5/10.0 or 60% aggregate of marks at both UG and PG for UR/OBC/EWS category and at least CGPA of 6.0/10 or 55% aggregate of marks at both UG and PG for candidates under SC/ST/PWD category. (**GATE Qualification Mandatory**).
- M. Tech. and MCA degree with a minimum 60% aggregate marks or CGPA $\geq 6.5/10$ at both UG and PG for UR/OBC/EWS category and minimum 55% aggregate marks or 6.0/10 CGPA for candidates under SC/ST/PwD category. (**GATE / UGC NET Qualification Mandatory**).

(b) Applicants holding Bachelor's degree:

- B. Tech. degree holder of any CFTI with a minimum CGPA of 7.5/10 or 70% aggregate marks.
- B. Tech. degree holder of any CFTI with a **valid GATE score** and with a minimum CGPA of 7.0/10 or 65% aggregate marks for UR/OBC/EWS category and minimum of 60% aggregate marks or 6.5 CGPA for candidates under SC/ST/PWD category.
- B. Tech. degree with **valid GATE score** and at least CGPA of 7.5/10 or 70% aggregate of marks under UR/OBC/EWS category and at least CGPA of 7.0/10 or 65% aggregate for candidates under SC/ST/PWD category.

Eligibility Criteria for Part-Time Ph.D.:

Educational Qualifications:

Master's/M.S. (by Research) degree in the appropriate branch of study with first class and a minimum 60% aggregate marks or CGPA ≥ 6.5 (out of 10) in UG and PG.

Note: For engineering departments, candidates with B.Tech. /B.E. degree may also be considered, if the candidates have at least 6 years of experience with proven track record of research experience.

Essential experience: (Candidates should satisfy **any one** of the below-mentioned criteria)

Permanent employees who can submit “No Objection Certificate” (NOC) from their employer and are working in the cadre equivalent to Scientist-C/Assistant Professor/Lecturer in Government R&D laboratories /Government organizations / Government industries/ PSUs / State Govt. Undertaking with at least three years of experience are eligible.

(OR)

Permanent/ Regular Employees from Private organization /Industries/Education Institutions with R & D facilities (i.e., established at least five years before the last date of applying for PhD (Part-time) admission as per the advertisement) with membership in CII/ ASSOCEM or any other equivalent membership having at least three years of experience are eligible.

(OR)

Permanent employees of IIITDM Kurnool, having at least 3 years of experience.

Specializations:

Name of the Department	Ph.D. Category	Broad Research Areas
Computer Science and Engineering	HTRA (Full-Time)	Machine Learning, Deep Learning, Reinforcement Learning, Artificial Intelligence, Explainable AI, Image Processing, NLP, Bioinformatics, Health Informatics, IoT, Data Mining, Big Data, Cloud Computing, Edge Computing, Networks, Blockchain Technologies, Theory of Computer Science, Cyber Systems, Cryptography, Post-Quantum Cryptography.
	Part - Time	Machine Learning, Deep Learning, Reinforcement Learning, Artificial Intelligence, Explainable AI, Image Processing, NLP, Bioinformatics, Health Informatics, IoT, Data Mining, Big Data, Cloud Computing, Edge Computing, Networks, Blockchain Technologies, Theory of Computer Science, Cyber Systems, Cryptography, Post-Quantum Cryptography.

For Ph.D. admissions under Sponsored Project:

PI/Supervisor details	Title of the project	Funding agency name and Project Duration	Broad Research Areas
Dr.R. Kabaleeshwaran	Development of secure Post-Quantum Public-key, Infrastructure	Meity- 2 years	Post-Quantum Cryptography, Cryptography
Dr. N. Srinivas Naik	Development of Secured Voice-based AI-enabled, Digital Payment Application for Indian Regional Language.	IBITF (DST) – 2 Years	NLP, AI

Convener/coordinator of Ph.D. admissions and contact details:

Dr. R. Anil Kumar, Ph: 08518-289140

Important Dates:

Web notification of the PhD Advertisement	04/12/2024
Online application registration process start date	05/12/2024

Last date for the submission of online Application form	22/12/2024, 11:59PM
Notification of shortlisted candidates for Interview/Written Test	24/12/2024
Tentative dates for Interview/Written Test	30/12/2024
Publication of Final Results	01/01/2025
Last date for seat acceptance and fee payment:	04/01/2025
Reporting to the Institute	09/01/2025