PhD Admission Brochure

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भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Department of Artificial Intelligence
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Overview:

The Department of AI at IIT Hyderabad helps in creating a complete ecosystem for AI Academics and Research at IIT Hyderabad. The department offers B.Tech, M.Tech. and PhD programs (full time and part time). The emergence of the department is the consequence of the heavy demand from the industry on artificial intelligence and data analytics, and the need to tackle the many fundamental and foundational research problems arising in a rapidly evolving field. The department's mission is to

1. Train students to have a sound understanding of the fundamentals of the theory and practise of Artificial Intelligence and Machine Learning.
2. Enable students to become leaders in the industry and academia nationally and internationally.
3. Meet the pressing demands of the nation in the areas of Artificial Intelligence and Machine Learning.

The Department of Artificial Intelligence has a sizable number of highly dedicated and dynamic faculty members, with a wide variety of expertise. Faculty publishes regularly in top AI conferences and journals such as NeurIPS, ICML, AAAI, IJCAI, CVPR, ICCV, ACL, EMNLP, JMLR, TIP, TACL etc. Currently there are 29 faculty members affiliated with the AI department. Candidates can discover the profiles and teaching/research areas of different faculty members by visiting

https://ai.iith.ac.in/faculty.html.

The PhD students will be provided with excellent laboratory facilities that they can access at any time. The laboratories are equipped with state-of-the-art facilities including software and hardware (including high-end DGX servers and other GPU servers).

The Department of AI seeks talented and dedicated PhD students to develop highly skilled human resources who can contribute to modern and cutting edge research in AI.

Eligibility Criteria for Application to the PhD program:

The Eligibility criteria for **regular PhD program** is MTech/ME/MS in CS/ECE/EE or related areas in Artificial Intelligence. The applicant must have already earned the Master's degree, or should at least be in the final year of the respective program. In the latter case, it would be assumed that the candidate will be able to complete the degree by the time of admission into the PhD program. Candidates with MSc/MCA/equivalent PG degree with an EMDS at IIT-H may apply for Regular PhD program.

The Department of AI considers **Direct-Phd admission**, where the eligibility criteria is BTech/BE/MCA in CS/EC/EE/AI/DS (Note that AI refers to the Artificial Intelligence branch, and DS refers to the Data Science branch.), and have a valid GATE score in CS/EC/EE/DA. Candidate with BE/B-Tech in CS/EC/EE/AI/DS or MCA/MSc(Maths)/MStats (Maths) from any Centrally Funded Technological Institutes (CFTI), with CGPA 9 or above can apply without a valid GATE score (For candidates from IITs/NITs/IIITs this is relaxed to CGPA 8 or above).

Department also admit students to **part time PhD program**. Part time PhD program have the same eligibility criteria listed above and in addition the candidate must be employed with a relevant employer at the time of application and admission.

Selection Process:

For admission to the program, there will be a preliminary shortlisting depending upon the academic background. Candidates who satisfy the shortlisting criteria need to appear for a written test and/or an interview. The shortlisting criteria could be higher than the eligibility criteria. In addition, the department also reserves the right to set any cut off criteria for shortlisting the candidates and not to select anybody if no appropriate candidates are found.

Application Process:

IIT Hyderabad has a centralized online application portal for the PhD admission. Candidates are requested to visit https://www.iith.ac.in/phdadmissions/ for the application format and the submission link. Candidates applying for any of the PhD program are requested to submit their application through the portal.

For other related information, such as last date of application, shortlist announcement, written test and interview dates, please visit https://ai.iith.ac.in/phd-admissions.html

For any query, kindly write to ai_grad_admissions@iith.ac.in