भारतीय सूचना प्रौद्योगिकी अभिकल्पना एवं विनिर्माण संस्थान कर्नूल

Indian Institute of Information Technology Design and Manufacturing Kurnool

(An Institute of National Importance under the Ministry of Education, Govt. of India)

Ph.D. Admissions

(January 2027 Session)

Information Brochure

Department of Sciences

(English, Mathematics & Physics)

A Brief about the Department and Research areas

The Department of Sciences has three divisions: English, Mathematics and Physics and offers Ph.D. Programs on emerging topics in English, Mathematics and Physics. Please visit the faculty research profiles: https://iiitk.ac.in/Department-of-Sciences/page for detailed information.

Eligibility Criteria for Full-Time Ph.D.

Applicants holding Master's degree:

- **Minimum Educational Qualifications:** Applicants with a postgraduate degree (M. Tech. / M.E. / M.Sc. /M.S. (Research) / M.A. or equivalent) in the relevant branch/specialization from any recognized institute with a minimum CGPA of 7.5/10 or 70% for UR/OBC/EWS category and a minimum CGPA of 7.0/10 or 65% for the SC/ST/PwD category.
- Screening and Selection: Entrance Test and/or Interview.

Applicants holding Bachelor's Degree: Direct admission with Graduation (B.E./ B. Tech. /B.S.):

Minimum Education Qualifications:

- Candidates with a Bachelor's degree in Engineering/Technology/Sciences with an exceptionally good academic record in an eligible discipline will be considered for direct admission to Ph.D. Programme as a regular full-time scholar, subject to the fulfilment of one of the following conditions:

  i. B.Tech./B.E./B.S. Degree (4 Years) from any **Centrally Funded Technical Institute (CFTI)/ Centrally Funded Institute (CFI)** with respective specialization with a minimum CGPA of 7.5/10 for UR/OBC/EWS category and with a minimum CGPA of 7.0/10 for SC/ST/PwD category.

  ii. B.Tech./B.E./B.S. Degree (4 Years) from any **non - CFTI** with a **valid GATE** score and with a minimum CGPA of 7.0/10 for the UR/OBC/EWS category and with a minimum CGPA of 6.5/10 for SC/ST/PwD category.

  Screening and Selection: Entrance Test and/or Interview.

  Note: If candidates are admitted to the PhD programme in Engineering /Sciences with a bachelor's degree in engineering/technology/sciences, the scholar should successfully complete prescribed courses (Coursework) with a minimum of 24 Credits.

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.

Essential experience: (Candidates should satisfy **any one** of the following criteria)

(a) 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)

(b) Permanent/ Regular Employees from Private organization /Industries/Education Institutions with R & D facilities (Established at least five years before the last date of Ph.D. Notification as per the advertisement) with membership in CII/ ASSOCHEM or any other equivalent membership having at least three years of experience are eligible.

(OR)

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

Screening and Selection

a) Eligible candidates possessing the minimum educational qualifications and satisfying additional criteria set by the institute from time to time only will be called for the written test and/or Interview.

b) An entrance examination will be conducted for all the applicants (Full-Time and Part-Time).

c) Applicants with a valid GATE/CSIR-UGC-NET/NBHM qualification may be directly eligible for the interview. With respect to the CSIR-UGC-NET or UGC-NET qualification, candidates with Category-1: Award of JRF and appointment as Assistant Professor, Category-2: Appointment as Assistant Professor and admission to Ph.D. and Category-3: Admission to Ph.D. only, may be exempted from written test.

d) The syllabus for the written test and/ or Interview is the GATE 2026 syllabus in the respective subjects.

e) The question paper for the written examination consists of 50 Multiple Choice Questions.

f) The right answer to each question will carry 2 marks, with a negative marking of 0.5 marks for every incorrect answer.

g) The cut-off marks shall be determined by the expert committee constituted by the Institute/Competent Authority of the institute.

h) The examination will be conducted either in Computer-Based Test (Moodle) mode or offline (Pen and Paper), based on the number of applications.

i) Based on the academic record and the performance of the candidates in the written test and/or Interview**,** the selection committee will recommend admission to the PhD programme. The decision of the competent authority (Chairman of the Senate/Director) in this regard is final.

Research areas for Ph.D. admissions under Full time/Part time:

Name of the Department	Ph.D. Category	Broad Research Areas
Sciences (**Mathematics**)	HTRA/MoE Fellowship (Full-Time)	➢ Code based algebra, Multiplicative Lie Algebra
	Part–Time	➢ Algebra
Sciences (**Physics**)	HTRA/MoE Fellowship (Full-Time)	➢ Computational and Quantum Condensed Matter Physics, Quantum Computing, Quantum Information Theory. ➢ Solar Cells, Renewable Energy Devices, Quantum Materials, Industrial Wastewater Treatment. ➢ Experimental Condensed Matter Physics, Magnetism and Magnetic Materials, Magnetic Skyrmions, Magnetic nanomaterials, Ferrites. ➢ Nano-scale materials for renewable energy, Hydrogen Production, Experimental Condensed Matter Physics. ➢ Ion-beam induced surface nano structures for solar to hydrogen conversion.
	Part – Time	➢ Experimental Condensed Matter Physics, Magnetism and Magnetic Materials, Magnetic Skyrmions, Magnetic nanomaterials, Ferrites. ➢ Photonics-Fiber Optic sensors, Optoelectronic devices fabrication.
Sciences (**English**)	HTRA/MoE Fellowship (Full-Time)	➢ English Language Education and English Literature. ➢ Environmental Humanities, Post colonial Literature, South Asian Literature, Indigenous studies, Tribal and Dalit Literature.
	Part–Time	➢ English Language Education and English Literature. ➢ Environmental Humanities, Post colonial Literature, South Asian Literature, Indigenous studies, Tribal and Dalit Literature.

Research Laboratories in DoS (Physics) @ IIITDM Kurnool

1. Catalytic Materials for Renewable Energy (CMRE)
2. Laboratory of Magnetism & Novel Magnetic Materials (LMN)
3. Functional Nanomaterials Laboratory (FNL)
4. Computational Condenser Matter Laboratory (CCML)
5. Optics & Photonics (OP)

Bank Account Details and Payment QR Code:

Account Name: IIIT DESIGN AND MANUFACTURING

Account Number: **37806955974**

IFSC Code: **SBIN0064655**

Branch: IIITDM KURNOOL CAMPUS.



Kindly complete the appropriate Google Form using the links provided below:

Full-Time: https://forms.gle/rgC3XKwN1vxi11Kr5

Part-Time: https://forms.gle/si8g6YuSFjvVf3pQ9

Important Dates

Web notification of the PhD Advertisement	25-09-2026
Online application registration process start date	25-09-2026
Last date for the submission of the online Application form	18-10-2026
Notification of shortlisted candidates for Interview/Written Test	28-10-2026
Publication of Final Results	29-11-2026
Last date for seat acceptance and fee payment	05-12-2026
Reporting to the Institute	14-12-2026

Tentative Schedule for Interview/Written Test:

Name of the Dept. / Stream	**Examination Date and Reporting Time**	**Venue**
English	12th November 2026, 8:00 AM	Department of Sciences
Physics	12th November 2026, 8:00 AM	Department of Sciences
Mathematics	13th November 2026, 8:00 AM	Department of Sciences

***Note:** Accommodation will be provided subject to availability.