Notification for Part-Time Ph.D. Positions at IIITDM Kurnool under Visvesvaraya Ph.D. Scheme for Electronics and IT-Phase-II

Indian Institute of Information Technology Design and Manufacturing Kurnool

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

Kurnool – 518008, Andhra Pradesh, India



1. ABOUT IIITDM KURNOOL:

Indian Institute of Information Technology Design and Manufacturing (IIITDM) Kurnool is an Institute of National Importance under the Ministry of Education, Government of India. It is established in 2015 and aimed to become a Centre of Excellence for pursuing Design and Manufacturing oriented Engineering Education and Research domains.

Currently, the Institute is offering four (4) B. Tech. programs in Computer Science and Engineering (CSE), Artificial Intelligence and Data Science (AI&DS), Electronics and Communication Engineering (ECE), and Mechanical Engineering (ME) and Eight (8) M. Tech. programs in Departments of Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), and Mechanical Engineering (ME).

Ph.D. programs in Science and Engineering departments are being offered, in frontier research areas under the guidance of experienced faculty.

2. PROGRAMS OFFERED:

1. Ph.D. in Computer Science and Engineering
2. Ph.D. in Electronics and Communication Engineering
3. Ph.D. in Mechanical Engineering
4. Ph.D. in Sciences (Physics / Mathematics / English)

3. CATEGORY OF ADMISSION:

a) Part-Time Ph.D.

i) For permanent employees of Government R&D labs, educational institutions, Govt. Organizations, Govt. industry, PSUs/State undertakings, who can submit No Objection Certificate from their employee and are working in the cadre equivalent to Scientist-C/Assistant Professor/Lecturer in Government having at least three years of experience are eligible.

ii) For employees of Private Organization/Industry/Educational Institutions standing (i.e., established at least five years before the last date of applying for Ph.D. (Part-time) admission as per the advertisement) with membership in CII/ASSOCHEM or any other equivalent membership with Permanent/Regular Employees from Private Industries/Education Institutions with R & D facilities having at least three years' experience are eligible.

iii) Regular Staff of IIITDM Kurnool with at least 3 years of experience at IIITDM Kurnool.

4. Eligibility criteria for Part-Time:

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/ ASSOCHEM 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.

5. Highlights of IIITDM Kurnool:

1. State-of-the-art research facilities and laboratories available.
2. MoU with C.R.Rao AIMSCS for Research collaborations.
3. Well-stocked library with digital resources
4. Hostels with essential amenities for students (wifi, Internet, Shopping complexes).
5. Sports facilities for physical activities and recreation.
6. Possible opportunity for a Research Associate position.

6. APPLICATION PROCEDURE:

Interested and eligible candidates shall submit their application through the Google Form link available on the Institute website (www.iiitk.ac.in). The Google Form link is provided on **Page 05** of the brochure. Part-time applicants are required to submit the undertaking certificate (as per Annexure-C) in support of application. In case, NOC and Undertaking Certificate is not enclosed at the time of online submission, a duly-signed self-declaration form should be uploaded by the candidate stating that NOC and Undertaking Certificate will be submitted at the time of interview.

Application Fee:

Candidates need to pay application fee.

Gen/OBC/EWS candidates: Rs.500/-
SC/ST/PwD candidates: Rs.250/-

Bank Account Details: Account Name: IIIT DESIGN AND MANUFACTURING
Account Number: 37806955974
IFSC Code: SBIN0064655
Branch: IIITDM KURNOOL CAMPUS.

Payment QR Code:

Account Name: **IIIT DESIGN AND MANUFACTURING**
Account Number: **37806955974**
IFSC Code: **SBIN0064655**
Branch: IIITDM KURNOOL CAMPUS.



Note: It is instructed to keep one copy of payment proof for future reference.

Shortlisted candidates qualified for the Written test/Interview need to submit the following self-attested documents.

Original certificates are to be produced for verification on the day of Written test / Interview**:**

a) Copies of all Mark/grade cards, degree certificates beginning from SSLC/SSC towards proof of qualification with original certificates.

b) Copy of latest Community Certificate in the case of SC/ST/OBC/Economically Weaker Section (EWS) candidates issued by the competent authority of respective State Government.

c) Authorized Doctor's Certificate with disability descriptions in the case of Person with Disabled (PwD) candidates.

d) Copy of GATE or CSIR UGC-JRF/NET/JEST/Inspire fellowship or any other fellowship awarded if any.

e) Copy of proof of relevant Experience certificate, if applicable.

f) Copy of **No Objection Certificate** (as per Annexure-B) in case of Part-time applicants and **Undertaken Certificate** (as per Annexure- C) in case of Part-time applicants, if any.

7. SELECTION PROCEDURE

a) Respective Departments will conduct the shortlisting and selection process.

b) 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.

c) An entrance examination shall be conducted for all the applicants (Part-Time) who do not have GATE or NET qualification.

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

e) Applicants with a valid GATE or CSIR/UGC-NET qualification will be directly eligible for the interview.

f) The question paper for written exam will consist of 50 MCQ based on the GATE/NET syllabus.

g) Each question will carry 2 marks, with a negative marking of 0.5 marks for every incorrect answer.

h) The cut-off marks shall be determined in line with the GATE 2026 standards

i) The exam will be conducted either in CBT (Moodle) mode or offline based on number of applications.

j) Based on the academic record and the performance of the candidates in the written test and/or Interview test**,** the selection committee will finalize the applicants for admission to the Ph.D. programme.

8. RESERVATION OF SEATS:

Reservations are applicable as per the rules and regulation of the Govt. of India. 5% relaxation for the educational qualification for SC/ST candidates will be applicable.

9. Tentative Research Areas: (Under Visvesvaraya Fellowship)

(a) The Research Areas for the Ph.D. programme is given in **Annexure 'A'.**

10. FEE STRUCTURE:

The Fee structure for the Ph. D. programme is given in **Annexure 'D'.**

No TA/DA will be paid for attending written exam and/or Interview for Ph.D. admission.

Note: a) Rules and Regulations for the PhD programs (Ph.D. Part Time) are available in the below link: https://iiitk.ac.in/Rules-and-Regulations/page

Note:

- Accommodation will be provided subject to availability.
- Candidates Shortlisted for Ph.D. programme must produce their originalmark/grade sheets along with provisional certificates at the time of admission for verification.

Kindly fill out the Google Form using the link provided:

https://forms.gle/9LNo41sufqeSuCCJ8

Important Dates:

Web notification of the PhD Advertisement	07-10-2026
Online application registration process start date	07-10-2026
Last date for the submission of 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
CSE	12th November 2026, 8:00 AM	Department of CSE
ECE	12th November 2026, 8:00 AM	Department of ECE
ME	12th November 2026, 8:00 AM	Department of ME

For any queries regarding Ph.D. admissions, applicants may contact the admissions office by email at **phdadmissions@iiitk.ac.in.**

Convener/Coordinator – Ph.D. Admissions:

FIC (PG & R), Phone: 08518-289100 (Ext. 111)

Annexure-A

S.No	Title Name	Problem Statement
1	High performance circuit designs of counter measures of side channel attacks	The side channel attacks are inevitable cyber attacks in the information systems to compromise the security. The power attacks and timing attacks are the most widely used side channel attacks in the cyber systems. Our objective is to proposed the high performance and low cost circuits to be the countermeasures to mitigate these side channel attacks in the information systems.
2	Multiphysics Modeling and Topology Optimization of Skin-Conformable Flexible Piezoelectric Sensors for Wearable Biomechanical Transduction	The expansion of personalized healthcare and soft robotics relies heavily on the integration of flexible, skin-conformable electronics capable of continuous biomechanical transduction (such as tracking arterial pulse, gait dynamics, and joint torque). Traditional micro-electro-mechanical systems (MEMS) rely on rigid silicon substrates, which suffer from structural fragility and severe mechanical mismatch at the tissue-sensor interface, leading to signal artifacts and interfacial delamination. While flexible polymeric substrates and thin-film piezoelectric structures (such as porous or functionally graded configurations) offer structural compliance, their operational performance is governed by highly coupled, non-linear thermo-electro-mechanical environments. During structural deformation, large geometric geometric strains, transient ambient temperature variations, and material material inhomogeneities trigger high-gradient local stress concentrations and micro-structural damage. Standard microelectronic design methodologies utilize decoupled or simplified thin-plate theories that fail to capture these out-of-plane shear deformations and transient multi-physical coupling fields accurately. Ignorance of these non-linear variations often yields physically unreasonable predictions or uncompensated signal drift, severely limiting sensor sensitivity and reliability under cyclic dynamic loading.
3	Neuro-Symbolic Agentic AI for Planning and Reasoning with Large Language Models	The proposed project aims to develop Agentic AI systems based on Large Language Models (LLMs) for planning and reasoning, integrating neuro-symbolic AI to combine the flexibility of neural models with the reliability of symbolic methods. The research will focus on complex planning problems, multi-step reasoning, constraint satisfaction, and decision-making, where LLM agents can decompose tasks, construct plans, invoke tools, and verify their solutions. Neuro-symbolic approaches will be explored to improve the accuracy, interpretability, consistency, and efficiency of LLM-based reasoning and planning. The project will ultimately develop robust and efficient agentic LLM frameworks capable of reasoning and planning over complex real-world tasks.
4	NOMA-enabled Small-world 6G SAGSIN Networks	The next generation wireless networks, 6G, is expected to integrate space, air, ground, sea networks which is termed as SAGSIN. However, the long distance communication between the these subnetworks of SAGSIN increases the delay for data transmission. Additionally, long distance transmissions increases the energy consumption. To minimize the energy consumption and reduce the delay, the scholar will focus on incorporating the small-world characteristics into the SAGSIN using AI (reinforcement learning). Subsequently, the throughput will be maximized by considering the NOMA-enabled data transmission over the small-world 6G SAGSIN Networks.

Annexure-B

NO OBJECTION CERTIFICATE FROM THE EMPLOYER

(For Part-Time Ph.D. applicants only)

The application from Mr. /Ms..... Working as ……

..... in ..... since ....., is here with recommended and forwarded to pursue Ph.D. programme under Part-time registration in January 2027 session in the Department of..... at Indian Institute of Information Technology Design and Manufacturing Kurnool.

Date:

Signature of the Officer with

Name and address of the Organization

Office Seal

Annexure-C

Undertaking Certificate

(To be submitted on the official letterhead by Ph.D. part-time candidates (excluding employees of IIITDM Kurnool).

Date:

The application from Mr./Ms ..... working as..... in .....since ..... is herewith recommended and forwarded for admission under part time Ph.D. Program in the Department of … .....at Indian Institute of Information Technology Design and Manufacturing Kurnool.

Certified that:

1. Our organization has adequate facilities for carrying out the research as indicated by the applicant and if he/she is selected, these will be made available to him/her till the completion of the programme.

2. The applicant will be deputed/given leave for duration of his/her residence period at IIITDM Kurnool. (The details of residential requirements are available under RP 3.4 of Part-time Ph.D. - Regulations document on the institute website: https://iiitk.ac.in/Rules-and-Regulations/page)

3. Facilities will be made available to the Supervisor (External Research Supervisor) to supervise the work of the applicant and to attend the DC meetings at IIITDM Kurnool, when necessary.

4. Till the completion of his/her research programme, the applicant will not ordinarily be transferred to another unit or place which may impede his/her work under the scheme. If such a transfer is necessary, IIITDM Kurnool will be informed at least one month before such transfer order.

5. No part of the work carried out in fulfilment of the Research programme will be utilized commercially or for applying for a Patent without the approval of Indian Institute of Information Technology Design and Manufacturing Kurnool.

Signature of the Head of the Institution

Name and Designation

Seal of the organization/ Institute

Fee Structure for Part-Time Ph.D.

Ph.D. Fee Structure for the AY 2026-27 (Semester Wise)

Tuition Fee (in Rs)		Semester Wise	
		Open & OBC	SC & ST
1	**Tuition Fee**	30,000	0
	Total (1)	**30,000**	**0**
2	**Other Fee #**		
	a) Internet & ICT Fee	1,200	1,200
	b) Library Fee	1,000	1,000
	c) Contingency Fee	600	600
	d) Examination Fee	1,000	1,000
	e) Medical Insurance & PHC	2,000	2,000
	f) Sports Fee	1,500	1,500
	Total (2)	**7,300**	**7,300**
3	**One Time Fee**		
	a) Admission Fee (Registration Fee, Certificate Fee, ID card Fee, Convocation Fee, Alumni Association Fee)	5,500	5,500
	b) Caution Money (**Refundable**)*	2,000	2,000
	c) Institute Development Fee	2,000	2,000
	d) Professional Society Fee (IEEE, IE, ACM, etc)	2,000	2,000
	Total (3)	**11,500**	**11,500**
4	**Hostel Fee**		
	a) Hostel Admission Fee	500	500
	b) Hostel Seat rent	3,500	3,500
	c) Hostel Maintenance Charges	9,500	9,500
	d) Hostel Development Fee	1,000	1,000
	e) Dining Charges -Advance^	17,000	17,000
	Total (4)	**31,500**	**31,500**
Grand Total (1 + 2 + 3 +4):		**80,300**	**50,300**

Note:

1. # Other fees may vary from time to time – Semester Wise.
2. * Caution Money is refundable at the time of leaving the institute after deducting dues, if any.
3. ^ Dining Charges -Advance, is subjected to change depending on the Mess contract.
4. If a candidate pays the fee and cancel the admission before the last date of seat acceptance period: Full fees will be refunded after deducting processing charges of Rs. 3,000/-.
5. If a candidate pays the fee and cancel the admission after the last date of seat acceptance period: No refund will be provided.
6. If a student discontinues the course after joining, the caution money and mess charges (on a pro-rata basis), will be refun

Ph.D. (Part-Time) Fee Structure

Fee Details	1st Semester Fee		2nd Semester onwards	
	Open & OBC	SC & ST	Open & OBC	SC & ST
Tuition Fee	30,000	0	30,000	0
Other Fee	7,300	7,300	7,300	7,300
One Time Fee	11,500	11,500	0	0
Total	**48,800**	**18,800**	**37,300**	**7,300**

Note: * Excluding Hostel Fee

Campus (Academic and Administrative Buildings)





Hostel Buildings

