भारतीय सूचना प्रौद्योगिकी अभिकल्पना एवं विनिर्माण संस्थान कर्नूल INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING KURNOOL

(An Institute of National Importance under Ministry of Education, Govt. of India) Jagannathagattu, Dinnedevarapadu (V), Kurnool-518008, Andhra Pradesh, INDIA

No. IIITDMK/Ph.D. Admission /2025-26/July Session

Date: 01.07.2025

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

IIITDM Kurnool is inviting online applications for Full-Time Ph.D. admissions under Visvesvaraya Ph.D. Scheme. (Electronics and IT enabled services)

1. Eligibility criteria:

(a) Applicants holding Master's degree:

- (i) Candidates with a M. Tech./M.S. (Research) degree in Engineering / Technology in the appropriate branch of study having a valid score in GATE. First class with 60% aggregate marks or CGPA ≥ 6.5 (out of 10) at both UG and PG for UR/OBC/EWS category and minimum 55% aggregate marks or 6.0 CGPA for candidates under SC/ST/PwD category.
- (ii) Master's degree in respective sciences subject discipline with a good academic record and having a valid score in GATE or CSIR-UGC-JRF/NET/ NBHM or equivalent qualification in the relevant area / Master's degree in Engineering/ Technology with a good academic record. First class with 60% aggregate marks or CGPA ≥ 6.5 (out of 10) at both UG and PG for UR/OBC/EWS category and minimum 55% aggregate marks or 6.0 CGPA for candidates under SC/ST/PwD category.

(b) Applicants holding only Bachelor's degree:

Candidates who have qualified for the award of Bachelor's degree in Engineering / Technology with 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 fulfillment of one of the following conditions:

- (i) B. Tech. degree holder of a CFTI with a minimum CGPA of 8.0 on 10.0-point scale (or equivalent).
- (ii) B. Tech. degree holder of a CFTI with **a valid GATE score** and with a minimum CGPA of 7.0 on 10.0- point scale or 65% aggregate marks for UR/OBC/EWS category and minimum CGPA of 60% aggregate marks or 6.5 CGPA for candidates under SC/ST/PWD category.
- (iii) Bachelors in Engineering / Technology with valid GATE score and at least CGPA of 8.0/10 or 75% aggregate of marks under UR/OBC/EWS category and at least CGPA of 7.5/10 or 70% aggregate for candidates under SC/ST/PWD category.
- (iv) B. Tech degree in respective sciences subject from an IIT with a minimum CGPA of 8.0 on a 10.0-point scale with a valid GATE Score.

2. APPLICATION PROCEDURE:

Interested and eligible candidates shall submit an online application using the portal available on the Institute website (<u>www.iiitk.ac.in</u>). Enclosures such as GATE score card, Educational and Experience certificates, online fee payment receipt in support of application are to be uploaded as separate documents (pdf), along with the application form.

• After filling the form, applicants are advised to take a printout of their application and keep the same for future record.

• Application Fee:

- a) Gen/OBC candidates: Rs.500/-
- b) SC/ST/PwD candidates: Rs.250/-

Candidates need to pay application fee only through online mode and the details are as follows.

Payment link: https://forms.eduqfix.com/phdiiitdmk/add

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 applicable self-attested documents and original certificates are to be produced for verification on the day of Written test / Interview:
- a) Copies of all Mark sheets/grade cards, degree certificates beginning from SSLC/SSC towards proof of qualification with original certificates.
- b) Copy of 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 score card.

3. SELECTION PROCEDURE

- 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 Interview.
- b) Based on the academic record and the performance of the candidates in the Interview the selection committee will finalize the names of candidates for admission to the Ph.D. programme.

4. FINANCIAL ASSISTANCE

Stipend/Fellowship (Full-time Ph.D.) @ Rs. 38,750/- per month for first and second years

@ Rs. 43,750/- per month for Third, Fourth and Fifth Year

- Reimbursement of Rent (RoR): This component is linked with the fellowship of PhD Candidate. The rate of RoR is 24%, 16% & 8% (of fellowship) for X, Y & Z class cities/towns respectively. The classification of the cities is as per the notification issued by the Ministry of Finance for the reimbursement of HRA.
- **Research Contingency Grant:** An amount of Rs.1,20,000/Year for Full-time PhD candidate
- Support for attending International Conference: Support up to 1.5 Lakhs / Full-time PhD candidate, For more details please visit: <u>https://www.myscheme.gov.in/schemes/vpseit</u>

5. 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.

6. Tentative Research Areas: (Under Visvesvaraya Fellowship)

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

7. FEE STRUCTURE:

- a) The Fee structure for the Ph. D. programme is given in Annexure 'B'.
- b) No TA/DA will be paid for attending written exam and/or Interview for Ph.D. admission.

Note:

Candidates Shortlisted for Ph.D. programme must produce their originalmark/grade sheets along with provisional certificates at the time of admission for verification.

IMPORTANT DATES

Web notification of the PhD Advertisement	01-07-2025
Online application registration process start date	02-07-2025
Last date for the submission of online Application form	12-07-2025
Web notification of the short-listed candidates for Interview	15-07-2025
Dates of interview (for short-listed candidates)	25-07-2025
Announcement of Results	26-07-2025
Last date for the seat confirmation, fee payment for the first Semester by the selected Candidates.	30-07-2025
Reporting to the Institute and Commencement of the Academic Session	08-08-2025

For Any queries, the applicants can send a mail to: phdadmissions@iiitk.ac.in

Call to: 08518-289-121/122

S.No	Title Name/Proposal		
1	AI-Driven Real-Time Occlusion-Aware Markerless Object and Hand Tracking for Augmented Reality		
2	Low-Resource FPGA Implementation of DWPT for Power Quality Indices Estimation Using MAC-Based Wavelet Filters.		
3	Instruction-Data Level Parallelism based Processor/Co-Processor Design.		
4	Predicting Heart Failure Risk Using Machine Learning Algorithms on Impedance Cardiography Data.		
5	Design, Development, and Image Processing Analysis of Ultrafine-Grained Biodegradable Mg- Based Bioresorbable HEA Nanocomposite Materials for Orthopaedic Applications.		
6	Design and Development of High-Performance Graphene Quantum Dot-Based Thin-Film Solar Cells.		
7	Theoretical investigations on 2D Multiferroics.		
8	Magnetic Skyrmions based spintronic digital logic circuits.		
9	Intelligent algorithms for High-Speed 6G Communication and Sixth Sense Data Interaction.		
10	AI-Driven Hybrid Routing Framework for 5G-Enabled Vehicular Ad Hoc Networks (VANETs)		

Annexure-B

FEES PARTICULARS

Ph.D. Fee Structure for the AY 2025-26 (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	2,750	2,750
	d) Examination Fee	1,000	1,000
	e) Medical Insurance & PHC	2,000	2,000
	f) Sports Fee	1,500	1,500
	Total (2)	9,450	9,450
3	One Time Fee		
	a) Admission Fee (Registration Fee, Certificate Fee, ID card Fee, Convocation Fee, Alumni Association Fee)	5,000	5,000
	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)	11,000	11,000
4	Hostel Fee	T	
	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):		81,950	51,950

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.