



REF: IIITG/ACAD-PG/2.1.1/January-2026

Date: 12.12.2025

### PHD ADMISSION 2026 (JANUARY)

Applications are invited for admission to the Doctor of Philosophy (PhD) programme beginning in **January 2026**. The disciplines in which these programmes will be offered are: **Computer Science and Engineering (CSE)**, **Electronics and Communication Engineering (ECE)**, **Humanities and Social Science (HSS)** and **Science and Mathematics (S&M)**. The following are areas of research for which admissions are currently sought:

#### A. Department of Computer Science & Engineering (CSE)

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1	Information Security, Post Quantum Cryptography, Machine Learning	Dr. Subhasish Dhal	Full time: 1 Part time: 1	Own Fellowship or Self Sponsored
2	Machine Learning, Generative Artificial Intelligence	Dr. Kaustuv Nag	Full time: 1 Part time: 1	Own Fellowship or Self Sponsored
3	Serverless Computing, Edge Computing, Cloud Computing	Dr. Shubha Brata Nath	Full time: 1 Part time: 1	Own Fellowship or Self Sponsored
4	Complex Networks, Language Models	Dr. Rohit Tripathi	Full time: 1 Part time: 1	Own Fellowship or Self-Sponsored
5	Software Engineering; Information Security, Machine Learning	Dr. Angshuman Jana	Full time: 1 Part time: 1	Institute Fellowship
6	Machine Learning, Brain-Computer Interface	Dr. Upasana Talukdar	Full time: 1	Self-financed
7	Computer Architecture, Hardware security, Memory security, Intermittent	Dr. Arijit Nath	Full time: 1 Part time: 1	Institute Fellowship

	Computing for IoT infrastructure			
8	Wireless Networks, UAV Communications and Networking, Machine Unlearning, NLP and Information Retrieval	Dr. Krishnandu Hazra	Full time: 1 Part time: 1	Own Fellowship or Self Sponsored
9	Near-memory/data computing, 3D Network-on-chip, Security, Applying AI/ML in computing system, Edge computing	Dr. Manojit Ghose	Part time: 1	NA
10	Computer Vision, Deep Learning, AI	Dr. Nilkanta Sahu	Full time: 1 Part time: 1	Institute Fellowship
11	Algorithms	Dr. Pawan Mishra	Full Time: 1	Institute Fellowship
12	Unmanned Aerial Vehicles, Electric Vehicles, Quantum Computing	Dr. Nilotpal Chakraborty	Full time: 1 Part time: 1	Own Fellowship or Self Sponsored
13	Machine Learning, Deep learning, Medical and Remote sensing Image analysis.	Dr. Debashree Devi	Full time: 1	Institute Fellowship
14	Cloud Computing, Internet of Things, Information Security	Prof. Ferdous A Barbhuiya	Full time: 1 (jointly with Dr. Rakesh Matam) Part time: 1	Institute Fellowship

#### B. Department of Electronics & Communication Engineering (ECE)

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1	i) Swarm Approaches for AI Systems ii) Foundation Models in Robotics	Dr. Surajit Panja	Full time: 1 and Part time: 1 or Part time: 2	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed
2	Embedded Systems with AI	Dr. Rajib Malik	Full time: 1 Part time: 1	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed

3	VLSI Digital Architectures	Dr. Babita Jajodia	Full time: 2 Part time: 1	1 - Institute Fellowship 1 - Self-Financed
4	Wireless Communication	Dr. Kukil Khanikar	Full time /Part time: 1	Self-financed
5	Machine Learning for Wireless Communication	Dr. Valmik Tilwari	Part time: 1	NA
6	5G and beyond communication	Dr Komal Janghel	Full time: 1	Institute Fellowship
7	Quantum Communications, AI-Native Semantic and Goal-Oriented Communication	Dr. Sudip Biswas	Full time: 1 Part time: 1	Institute Fellowship or Own fellowship (CSIR/UGC/DST INSPIRE)
8	Evaluation of Quantum Communication in Fiber- Optic Amplifiers	Dr. Mohd Mansoor Khan	Full time: 1 Part time: 1	Self-financed
9	Digital VLSI Design	Dr. Rakesh Biswas	Full time: 1 Part time: 1	Own fellowship (CSIR/UGC/DST INSPIRE) or Self- financed
10	Analog VLSI Design	Dr. Sounak Roy	Full time: 1 Part time: 1	Self-financed
11	Computer vision, Machine learning	Dr. Rusha Patra	Full time: 1	Institute Fellowship
12	VLSI-based diagnostic system	Dr. Mourina Ghosh	Full time: 1 Part time: 1	Own fellowship (CSIR/UGC/DST INSPIRE) or Self- financed

### C. Department of Humanities and Social Science (HSS)

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full- time students)
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1	Entrepreneurship; Micro Small and Medium Enterprises; Energy Economics	Dr. Ankita Sarmah	Full time: 1	Self-financed/JRF
2	Sociolinguistics	Dr. Suranjana Barua	Full time: 1	Self-financed/JRF
3	ESG Integration encompassing Sustainable Development Goals, Environmental, Social, and Governance Practices, and Green Finance	Dr. Rupjyoti Saha	Full time: 1	Self-financed/JRF
4	Financial economics, behavioural finance	Dr. Hari K. Choudhury	Full time: 1	Self-financed/JRF
5	Periodical Literature/Postcolonial Studies	Dr. Rajarshi Mitra	Full time: 1 Part time: 1	Self-financed/JRF

#### **D. Department of Science and Mathematics (S&M).**

<b>Sl.no.</b>	<b>Broad Area</b>	<b>Faculty</b>	<b>Vacant Positions</b>	<b>Assistantship (for full-time students)</b>
1	Statistics	Dr. Masihuddin	Full time: 1 Part time: 1	Own Fellowship (CSIR/UGC/DST INSPIRE/NBHM) or Self-financed
2	Reliability theory, Lifetime data analysis	Dr. Farha Sultana	Full time: 1 Part time: 2	Own Fellowship (CSIR/UGC/DST INSPIRE/NBHM) or Self-financed
3	Numerical Analysis	Dr. Anuradha Jha	Full time: 1	Own Fellowship (CSIR/UGC/DST INSPIRE/NBHM) or Self-financed

**A rolling advertisement ([https://www.iiitg.ac.in/Rolling\\_PhD\\_advertisement.php](https://www.iiitg.ac.in/Rolling_PhD_advertisement.php)) is already on the website for all Departments. Eligible applicants from the rolling advertisement shall also be considered.**

## THE SCHEDULE AND THE PROGRAMME

- i. Shortlisting for the interview will be held based on applications received.  
**The last date of receiving application is 12.01.2026 (Monday).**
- ii. **Tentative Date of Written Test/Interview for selection will be on 30.01.2026 (Friday).**
- iii. Shortlisting will be done based on the availability of seats and academic performance of the candidates. A candidate merely fulfilling the eligibility criteria may not be shortlisted.
- iv. There will be no support for travel for the interview.
- v. There is no application fee.
- vi. Course Requirements, if any, will be prescribed by individual Departments. But students will be encouraged to take courses. The Doctoral Committee of a student will evaluate the preparedness of a student and prescribe one or more courses that will have to be taken.
- vii. There will be a written/oral or both comprehensive examination after admission to determine if the student is ready to take up research work and to determine if the student has sufficient breadth of knowledge in the discipline he / she has been admitted to.

## CATEGORIES OF STUDENTS

**i) Regular/Full Time:** A student in this category works full-time for his/her PhD degree. He / she may get a fellowship / assistantship or may be self-financed.

**ii) Sponsored (full-time):** A student in this category is sponsored by a recognized R&D organization, academic institution, government organization or industry for doing research in the Institute on a full-time basis. He / She must be a regular employee of the sponsoring organization with at least **one year** of professional experience in the respective field. The Institute does not provide any assistantship/fellowship to such a student. Sponsorship letter must be attached with the application.

**iii) Part-time:** A student in this category is a professionally employed person, who pursues the PhD Programme while continuing the duties of his/her service. He / She must be a regular employee of the sponsoring organization with at least **one year** of professional experience in the respective field. A No Objection Certificate from the Head of the Institution/Organisation in which He / She is employed must be enclosed at the time of application.

## ELIGIBILITY

For admission to the PhD Programme in various disciplines a candidate must satisfy the following criteria:

### **Computer Science & Engineering (CSE)**

- i) Master's degree in Engineering/Technology in the relevant area with a minimum Cumulative Performance Index (CPI) of 6.5 or 60% of marks.  
OR
- ii) MSc (CS)/MSc (IT)/MCA/Equivalent Non-Tech Master's Degrees in the relevant area with a minimum Cumulative Performance Index (CPI) of 6.5 or 60% of marks having a GATE/NET/SLET score in CS/IT  
OR

- iii) Four-year Bachelor's degree in Engineering/Technology/Medical Sciences or equivalent in a relevant area with a minimum CPI of 7.0 or 65% of marks.

### **Electronics & Communication Engineering (ECE)**

- i) Master's degree in Engineering/Technology in the relevant area with a minimum Cumulative Performance Index (CPI) of 6.5 or 60% of marks.  
OR
- ii) MSc (Electronics) and equivalents with GATE/NET/SLET scores in the relevant area with a minimum Cumulative Performance Index (CPI) of 6.5 or 60% of marks.  
OR
- iii) Four-year Bachelor's degree in Engineering/Technology/Medical Sciences or equivalent in a relevant area with a minimum CPI of 7.0 or 65% of marks

### **Humanities and Social Science (HSS)**

- i) Master's degree in Economics/English/Linguistics/Commerce/Business Management/ Other relevant areas with a minimum of 55% marks or equivalent.
- ii) Candidates with NET-JRF will be given preference.

### **Science and Mathematics (S&M).**

- i) MA/ MSc/ M.Tech in Mathematics/Statistics with at least 60% marks or a CPI of 6.5.

### **RESERVATIONS (SC, ST, OBC (Non-creamy layer) and PD categories):**

Eligibility criteria will be relaxed by 5% marks or 0.5 CPI for SC/ST/PD applicants. Reservation is as per GOI rules. OBC (Non-creamy layer) candidates will have to enclose certificate and self-declaration statement as per format at Annexure-I & Annexure - II. The OBC (NCL) Certificate, issued by the competent authority, as per the Govt. of India rules, shall only be acceptable.

### **FEE STRUCTURE:**

Sl. No.	Items	Periodicity	Amounts (₹)	
			Full-Time	Part-Time
1.	Tuition Fee	Per Semester	25,000	12,500
2.	Institute Caution Money	One Time (Refundable)	5,000	5,000
3.	Hostel Rent (if staying in the hostel) (Hostel Rent is subject to change annually)	Per Semester	13,750	-
4.	Mess Charges (every month)	Monthly (est; at actuals)	4,000	-
<b>Total</b>			<b>47,750</b>	<b>17,500</b>

\*A candidate needs to pay the hostel and mess fees only when a student joins a hostel. Hostel rent will be charged for a semester of 6 months with a charge of ₹13,750/- for the whole semester and with advance mess fee ₹24000/- for 6 months.

## **SUBMISSION OF APPLICATION FORM**

Interested candidates are requested to apply by filling up the Google Forms in the links given below accordingly

1. [CSE](#)
2. [ECE](#)
3. [HSS](#)
4. [S&M](#)

Please upload the [APPLICATION FORM](#) along with the self-attested copies of all degrees; mark sheets and GATE / NET score card copy (if any) must be uploaded.

For any clarification/doubt, you may contact [acadphd@iiitg.ac.in](mailto:acadphd@iiitg.ac.in) or [adpg@iiitg.ac.in](mailto:adpg@iiitg.ac.in)

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