



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

Date: 07/08/2026

PhD ADMISSION 2026 (AUGUST)

Applications are invited for admission to the Doctor of Philosophy (PhD) programme beginning in **August 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	Algorithms, Graph Theory	Dr. Pawan K. Mishra	Full time: 1	Institute Fellowship
2	Cybersecurity + AI/ML	Dr. Rakesh Matam	Full time: 1 Part time: 1	Institute Fellowship
3	Computer Architecture, Memory security, Memory performance and energy efficiency, IoT-based Intermittent computing	Dr. Arijit Nath	Full time: 2 Part time: 1	Institute Fellowship: 1 Self-financed/ Own Fellowship: 1
4	IoT-based Information Security, Machine Learning-based Scheduling, Real-time Systems	Dr. Sanjay Moulik	Full time: 2 Part time: 1	Institute Fellowship: 1 Self-financed/ Own Fellowship: 1
5	Cybersecurity + AI/ML	Prof. Ferdous Ahmed Barbhuiya	Full time: 1 Part time: 1	Institute Fellowship
6	Data Security, Software Engineering, CPS	Dr. Angshuman Jana	Part time: 2	Self-financed
7	Machine Learning, Deep Learning, Foundation Models	Dr. Kaustuv Nag	Full time: 1 Part time: 1	Self-financed/ Own Fellowship
8	Machine Learning, Deep Learning, Remote Sensing	Dr. Moumita Roy	Full time: 2	Self-financed/ Own Fellowship

9	Information Security, Agentic AI, Deep Learning, Quantum Cryptography	Dr. Subhasish Dhal	Full time: 1 Part time: 1	Self-financed/ Own Fellowship
10	Internet of Things, 6G Networks, Unmanned Aerial Vehicles	Dr. Shubha Brata Nath	Part time: 2	Self-financed
11	UAV, Cyber Physical Systems, Quantum Computing	Dr. Nilotpall Chakraborty	Full time: 1 Part time: 1	Self-financed/ Own Fellowship
12	Low-Altitude Wireless Networks, Cyber Physical Systems, AI/ML	Dr. Krishnandu Hazra	Full time: 1 Part time: 1	Self-financed/ Own Fellowship
13	Computer Vision	Dr. Nilkanta Sahu	Full time: 1 Part time: 1	Self-financed/ Own Fellowship

B. Department of Electronics & Communication Engineering (ECE)

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1	Artificial Intelligence	Dr. Shovan Barma	Full time: 1 Part time: 1	Institute Fellowship
2	Artificial Intelligence (AI), Machine Learning (ML), and Wireless Communication	Dr. Ripudaman Singh	Full time: 1 Part time: 1	Institute Fellowship
3	VLSI Digital Architectures	Dr. Babita Jajodia	Full time: 2 Part time: 1	Institute Fellowship: 1 Self-Financed/ Own Fellowship: 1
4	Evaluation of Quantum Communication in Fiber-Optic Amplifiers	Dr. Mohd Mansoor Khan	Full time: 1	Institute Fellowship
5	6G and Beyond Wireless Communication with AI/ML	Dr. Komal Janghel	Full time: 1 Part time: 1	Institute Fellowship
6	AI/ML based optimization of VLSI design and performance	Dr. Mourina Ghosh	Full time: 2 Part time: 1	Institute Fellowship: 1 Self-Financed/ Own Fellowship: 1
7	Analog and Mixed Signal VLSI Circuit Design	Dr. Sounak Roy	Full time: 1	Institute Fellowship
8	Photonic Tensor Cores and Neuromorphic Computing	Dr. Mohd Mansoor Khan	Full time: 1 Part time: 1	Self-financed/ Own Fellowship

	using all-optical metamaterials and MZIs			
9	Embedded Systems and Edge AI	Dr. Rajib Malik	Full time: 1 Part time: 1	Self-financed/ Own Fellowship
10	AI/ML for wireless communication	Dr. Valmik Tilwari	Part time: 1	Self-financed
11	Tomographic image reconstruction, computer vision, deep learning	Dr. Rusha Patra	Part time: 1	Self-financed
12	Wireless Communication	Dr. Kukil Khanikar	Full time: 1 Part time: 1	Self-financed
13	Digital VLSI, ML, AI	Dr. Rakesh Biswas	Part time: 2	Self-financed
14	Distributed Robotics	Dr. Surajit Panja	Full time: 1 Part time: 1	Self-financed/ Own Fellowship
15	Quantum Computing, 6G Communications, Explainable Machine Learning	Dr. Sudip Biswas	Full time: 1 Part time: 1	Self-financed/ Own Fellowship

C. Department of Humanities and Social Science (HSS)

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1	Postcolonial Studies	Dr. Rajarshi Mitra	Full time: 2	Institute Fellowship: 1 JRF: 1
2	Sociolinguistics	Dr. Suranjana Barua	Full time: 2	Self-financed/JRF
3	Political History, Identity Politics	Dr. L David Lal	Full time: 2	Self-financed/JRF
4	Postcolonial Studies, Urban & City Literatures,	Dr. Arjab Roy	Full time: 2	Self-financed/JRF
5	Development economics, experimental economics and health economics	Dr. Hari K Choudhury	Full time: 1	JRF

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

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1	Reliability theory, Lifetime data analysis	Dr. Farha Sultana	Full time: 1 Part time: 1	Institute Fellowship
2	Analytic Number Theory	Dr. Mohd Harun	Full time: 1	Institute Fellowship
3	Probability Theory and Stochastic Processes	Dr. Mostafizar Khandakar	Full time: 1 Part time: 1	Self-financed/ Own Fellowship

A rolling advertisement (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.

SCHEDULE AND THE PROGRAMME

- i. Shortlisting for the interview will be held based on applications received.
- ii. **The last date of receiving application: 23/28/2026 (Sunday).**
- iii. **Tentative Date of Written Test/Interview for selection: 08/09/2026 (Tuesday).**
- iv. 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.
- v. There will be no support for travel for the interview.
- vi. There is no application fee.
- vii. 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.
- viii. 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/Political Science/History/ 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.	Students' Gymkhana Fee	Per Semester	1,000	1,000
Total			31,000	18,500

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 or adpg@iiitg.ac.in
