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REF: IIITG/ACAD-PG/2.1.1/July-25   **Date: 26.06.2025**

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PhD ADMISSION 2025 (JULY)

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Applications are invited for admission to the Doctor of Philosophy (PhD) programme beginning in **July** 2025. 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.	Machine Learning in Complex Networks	Dr. Rohit Tripathi	1 Full time & 1 Part time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed
2.	Machine Learning	Dr. Kaustuv Nag	1 Full-time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed
3.	Optimization in UAV applications	Dr. Nilotpal Chakraborty	1 Full time & 1 Part time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed
4.	Serverless and Cloud Computing	Dr. Shubha Brata Nath	1 Full-time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed
5.	Cyber Security, Formal Analysis and Verification, Software Engineering	Dr. Angshuman Jana	1 Full time & 1 Part time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed.

Sl.no.		Faculty	Vacant Positions	Assistantship (for full-time students)
6.	Machine Learning, Remote Sensing, Structural Health Monitoring	Dr. Moumita Roy	1 Full time & 1 Part time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed.
7.	Computer Vision and Machine Learning	Dr. Nilkanta Sahu	1 Full time / Part time	Self-financed
8.	Machine Learning, Brain-Computer Interfaces	Dr. Upasana Talukdar	1 Full Time	Self-financed
9.	Wireless Networks, UAV Communication and Networking, Natural Language Processing and Information Retrieval	Dr. Krishnandu Hazra	1 Full time & 1 Part time	Institute fellowship for Full-time
10.	ML for Edge computing, IoT, computer architecture, quantum computing	Dr. Manojit Ghose	1 Full time & 1 Part time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed
11.	Using Deep learning in FinTech	Dr. Sanjay Moulik	1 Part time	NA
12.	Information Security	Dr. Subhasish Dhal	1 Full time & 1 Part time	Own fellowship (CSIR/UGC/DST INSPIRE) or Self-financed

B. Department of Electronics & Communication Engineering (ECE)

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1.	Wireless Communication (6G and beyond)	Dr. Komal Janghel	1 Full Time	Institute Fellowship
2.	Embedded Systems	Dr. Rajib Malik	1 Part Time	NA
3.	Wireless Communication	Dr. Kukil Khanikar	1 Full Time	Own fellowship (CSIR/UGC/NBHM/DST INSPIRE) or Self-financed.

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
4.	Machine Learning	Dr. Mourina Ghosh	1 Part Time	NA
5.	Signal and image processing, computer vision, machine learning,	Dr. Rusha Patra	1 Full time & 1 Part time	Self-Finance or Own Fellowship (CSIR/UGC/DST INSPIRE)
6.	Digital VLSI Architectures for Cryptography	Dr. Babita Jajodia	1 Full time	Self-Finance or Own Fellowship (CSIR/UGC/DST INSPIRE)

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

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1.	Macroeconomics, International Trade, International Finance	Dr. Kaveri Deb	1 Full time	Self-financed/ JRF
2.	Experimental Economics/Developmental Economics	Dr. Hari K Choudhury	1 Full time	JRF
3.	Periodical Studies, Colonial and Postcolonial Literature	Dr. Rajarshi Mitra	1 Part Time/ Full time	Self-financed/ JRF
4.	Entrepreneurship	Dr. Ankita Sarmah	1 Full time	Self-financed/ JRF
5.	The sustainability practices of the corporate sector and MSMEs, the United Nations Sustainable Development Goals (SDGs), and Corporate Culture	Dr. Rupjyoti Saha	1 Part Time	Self-financed

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

Sl.no.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)

1.	Reliability theory, Estimation theory	Dr. Farha Sultana	1 Full-time	UGC/ CSIR / any other/ own fellowship
2.	Analytic Number Theory	Dr. Mohd Harun	1Full-time	Institute Fellowship
3.	Numerical analysis	Dr. Anuradha Jha	1 Full-time	UGC/ CSIR / any other/ own fellowship
4.	Statistics	Dr. Masihuddin	1 Full time	UGC/ CSIR / any other/ 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.**

THE SCHEDULE AND THE PROGRAMME

i. Shortlisting for the interview will be held based on applications received.
   The last date of receiving application is 31.07.2025 (Thursday).
ii. **Tentative Date of Written Test/Interview for selection will be on 13.08.2025 (Wednesday).**
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/Commerce/Business Administration/ 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 competent authority, on or after 01-04-2024, shall only be acceptable.

FEES

Sl. No.	Items	Periodicity	Amounts (₹)
1.	Tuition Fee	Per Semester	5,000
2.	Institute Caution Money	One Time (Refundable)	5,000
		Total	**10,000**

*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

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

1. **CSE**: https://docs.google.com/forms/d/e/1FAIpQLSf0qgw-WIAMUq-G9psiPLVDAcyOLgT4R7_HtcgS3eSc5ZwzHw/viewform?usp=dialog

2. **ECE**: https://docs.google.com/forms/d/e/1FAIpQLSceY-Izs-xsRvjraMPjJ9_NBhrpG-fAAbhAqfMK3iz8qgG2DQ/viewform?usp=dialog

3. **HSS**: https://docs.google.com/forms/d/e/1FAIpQLSd_HZ7ehF_O_TkKgkMFJHDC9x5bLn9H5dW40hwa1F6JvVbx4g/viewform?usp=dialog

4. **S&M**: https://docs.google.com/forms/d/e/1FAIpQLSeVGhj6SWejDyo9aw8XBiqsoPxeGNgjp2aC7mPEirEAJLYKEQ/viewform?usp=dialog

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, feel free to contact hodcse@iiitg.ac.in (for CSE), hodece@iiitg.ac.in (for ECE), hodhss@iiitg.ac.in (for HSS), and hodsm@iiitg.ac.in (for S&M). For general queries, contact acadphd@iiitg.ac.in or adpg@iiitg.ac.in .

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