



भारतीय सूचना प्रौद्योगिकी संस्थान गुवाहाटी
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY GUWAHATI
Bongora, Kamrup (R), Assam-781015, India

Phone: +91-361-2801090
email: acadphd@iiitg.ac.in

REF: IIITG/ACAD-PG/2.1.1/03

DATED 10.06.2024

PHD ADMISSION JULY 2024

Applications are invited for admission to the Doctor of Philosophy (PhD) programme at the Indian Institute of Information Technology Guwahati beginning in August 2024. The disciplines in which these programmes will be offered are: **Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Humanities and Social Sciences (HSS), and Mathematics**. 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
1	Machine learning in Complex Networks	Dr. Rohit Tripathi	1 Full-time, 1 Part-time	No Assistantship
2	Computer Vision/ AI	Dr. Nilkanta Sahu	1 Full-time	Institute Fellowship
3	Approximation Algorithms	Dr. Pawan Kumar Mishra	1 Full-time	Institute Fellowship
4	Algorithms in Smart grid, Electric Vehicles, Cyber Physical Systems	Dr. Nilotpal Chakraborty	1 Full-time, 1 Part-time	Institute Fellowship for 1 Full-time
5	Computer Architecture, Efficient Memory System design	Dr. Arijit Nath	1 Full-time, 1 Part-time	No Assistantship
6	Computer Networks and Network Security	Dr. Rakesh Matam	1 Part-time	No Assistantship
7	Information Security	Dr. Subhasish Dhal	1 Part-time	No Assistantship

B. Department of Electronics & Communication Engineering (ECE)

Sl. No.	Broad Area	Faculty	Vacant Positions	Assistantship
1	Robotics	Dr. Surajit Panja	1 Full-time	Institute Fellowship
2	Metamaterial/metasurface based antenna design for wireless application	Dr. Bidisha Dasgupta	1 Full-time	Institute Fellowship
3	Wireless Communication (5G and Beyond Communication)	Dr. Komal Janghel	1 Part-time	No Assistantship

C. Department of Humanities and Social Sciences (HSS)

Sl. No.	Broad Area	Faculty	Vacant Positions	Assistantship *
1	Linguistics (Sociolinguistics)	Dr. Suranjana Barua	2 Full-time	JRF/NET preferred
2	International Trade and Investment, International Finance, Macroeconomics, Development Economics	Dr. Kaveri Deb	2 Full-time	JRF/NET preferred
3	Entrepreneurship, small businesses, agricultural economics and energy economics	Dr. Ankita Sarmah	1 Full-time and 1 Part-time	JRF/NET preferred
4	Finance/Accounting/Economics	Dr. Rupjyoti Saha	1 Full-time	JRF/NET preferred

***Note: Institute fellowship will be allocated based on availability.**

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

Sl. No.	Broad Area	Faculty	Vacant Positions	Assistantship (for full-time students)
1	Statistics (Estimation Theory, Ranking-Selection and Related Estimation Problems)	Dr. Masihuddin	1 Full-time	Institute Fellowship
2	Applied Statistics, Reliability theory	Dr. Farha Sultana	1 Full-time	Own fellowship (CSIR/UGC/NBHM/DST INSPIRE)

THE SCHEDULE AND THE PROGRAMME

- i. Shortlisting for the interview will be held based on applications received.
- ii. **The last date of receiving applications and date of Interview for selection are detailed below:**

Department of Computer Science and Engineering (CSE)

Last date for receiving application: 03 July 2024.

Date of interview: 10 July 2024.

Department of Electronics and Communication Engineering (ECE)

Last date for receiving application: 05 July 2024.

Date of interview: 31 July 2024.

Department of Humanities and Social Sciences (HSS)

Last date for receiving application: 05 July 2024.

Date of interview: 10 July 2024.

Department of Science and Mathematics(S&M)

Last date for receiving application: 15 July 2024.

Date of interview: 25 July 2024.

- 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 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:

Department of Computer Science and 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 areas with a minimum Cumulative Performance Index(CPI) of 6.5 or 60% 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.

Department of Electronics and 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) or Equivalent Master's Degrees with a minimum Cumulative Performance Index(CPI) of 6.5 or 60% marks with a GATE/NET/SLET score for ECE Department.
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.

Department of Humanities and Social Sciences(HSS)

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

Department of Science and Mathematics(S&M)

- (i) MA/ MSc/ MTech 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 01-10-2023, 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 on a pro-rata basis (semester of 6 months with a charge of ₹15000/- for the whole semester) based on when the student joins a hostel with advance mess fee ₹4000/- for 1month.

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/1FAIpQLSdPag8xxkofB9AGPbw7UfiZ12zdtITdg3n1xuzlTKL2nqDvCA/viewform?usp=sf_link
2. ECE: https://docs.google.com/forms/d/e/1FAIpQLSccuwngUhciKq5Dew8Y8Px_XZ3KOQl66vTWp4KTHPAbi_-iGQ/viewform?usp=sf_link
3. HSS: https://docs.google.com/forms/d/e/1FAIpQLSdk_BI7pZ2Y6W1zQrUI1rNdAdNHU00JcK7qvHiTEQM4Sq0vJA/viewform?usp=sf_link
4. Mathematics: https://docs.google.com/forms/d/e/1FAIpQLSdsMlbZiexhKBU6MznbJnk8wTGQQq6EXni6jQQoEuxEemzTow/viewform?usp=sf_link

Please upload the APPLICATION FORM along with the self-attested copies of all degrees, mark sheets, GATE / NET score card, and others, if any.

Download Application Form: [pdf](#) / [doc](#)

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 Maths). For general queries, contact acadphd@iiitg.ac.in or adpg@iiitg.ac.in.