

PhD Advertisement for Spring Semester 2025

Department of Mathematics and Statistics, IISER Kolkata

Applications are invited from motivated candidates to pursue research in the broad fields of Mathematics and Statistics.

Minimum Eligibility Criteria: Applicants must satisfy one of the following:

1. 1-year/2-semester master's degree programme after a 4-year/8-semester bachelor's degree programme or a 2-year/4-semester master's degree programme after a 3-year bachelor's degree programme or qualifications declared equivalent to the master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent grade. A relaxation of 5% marks or its equivalent grade will be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other Category of candidates.
2. Candidates seeking admission after a 4-year/8-semester bachelor's degree programme should have a minimum of 75% marks in aggregate or its equivalent grade. A relaxation of 5% marks or its equivalent grade may be allowed for those belonging to SC/ST/OBC (non-creamy layer)/Differently-Abled, Economically Weaker Section (EWS) and other categories of candidates.

The details of open positions, fellowship criteria and other details are as follows.

Research Supervisor	Research Areas	Fellowship Criterion	Required Background/Prerequisites
Arjun Paul Homepage	Algebraic Geometry	CSIR, UGC, NBHM or equivalent Fellowships	Basic Algebra, Basic Topology, Linear Algebra, Several Variable Calculus, Complex Analysis
Soumya Bhattacharya Homepage	Number Theory	CSIR, UGC, NBHM or equivalent Fellowships	Analysis, Linear Algebra, Complex Analysis
Koel Das Homepage	Computational Neuroscience	CSIR, UGC, NBHM or equivalent Fellowships Or Institute Fellowship might be available for deserving candidates who do not have fellowship provided that they have qualified any national	Linear Algebra, Basic Statistics, Basic Computer programming

		level entrance exam such as GATE, NET-LS etc. (apart from satisfying minimal eligibility criteria)	
Satyaki Mazumder Homepage	Bayesian Statistics	CSIR, UGC, NBHM or equivalent Fellowships Or Institute Fellowship might be available for deserving candidates who do not have fellowship provided that they have qualified any national level entrance exam such as GATE, NET-LS etc. (apart from satisfying minimal eligibility criteria)	Statistics, Linear Algebra, Real Analysis.
Asok K. Nanda Homepage	Reliability Theory	CSIR, UGC, NBHM or equivalent Fellowships Or Institute Fellowship might be available for deserving candidates who do not have fellowship provided that they have qualified any national level entrance exam such as GATE, NET-LS etc. (apart from satisfying minimal eligibility criteria)	Real Analysis, Linear Algebra, Measure Theory and Stochastic Processes.

Please take a note of the following points:

- ❖ Before filling the application forms, please read the [general instructions](#) and [FAQ](#). For additional query email us at: **dms.phd.application AT iiserkol.ac.in**

- ❖ Fulfilling the minimum eligibility criteria does not ensure that a candidate will be called for the interview.
- ❖ A candidate must fill up the form carefully as additional short-listing criteria will be set based on academic records, experience and statement of purpose of the candidates as provided in the application form.
- ❖ The candidates will be allowed to appear at the interview only after proper verification of documents.
- ❖ **An online/telephonic conversation may precede** for further short-listing and candidates will be informed about the date, time and further details accordingly.
- ❖ Reservations for SC/ST/OBC candidates are applicable as per Government of India rules.

Important Dates

Tentative Application portal closes: **20.10.2024**

Tentative Publication of shortlist for the interview: **30.10.2024**

Tentative Selection interview window: **25.11.2024 - 29.11. 2024**

Tentative Publication of PhD interview results: **9.12.2024**

Pre-registration portal opens: **10.12.2024**