DEPARTMENT OF MATHEMATICS & STATISTICS

IISER KOLKATA

PhD Advertisement for Autumn 2026

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.

Selection Channels:

1. **Self Funded:** Apart from satisfying the minimum eligibility criteria, candidates must have their own PhD fellowships, such as UGC/CSIR-JRF/NET-Category-1/NBHM.
2. **Institute Funded:** Apart from satisfying the minimum eligibility criteria, candidates must have qualified one of the following national-level entrance exams: GATE/ NET-LS/NET-Category-2/NET-Category-3.

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

Research Supervisor	Research Areas	Fellowship Criterion	Required Background/ Prerequisites
Anirvan Chakraborty	Nonparametric Statistics and Analysis of Functional Data	Self Funded **Or** Institute Funded	Statistics, Linear Algebra, Measure Theory, and Stochastic Processes.
Arjun Paul	Algebraic Geometry	Self Funded	Abstract and Linear Algebra, Analysis, Topology
Anirban Banerjee	Combinatorics, Hypergraphs and Spectral Theory	Self Funded	Linear Algebra, Basic Analysis, Combinatorics and Probability
Rajib Dutta	Control Theory and Partial Differential Equations	Self Funded **Or** Institute Funded	Functional Analysis, Measure Theory, Several Variable Calculus and Ordinary Differential Equations
Shirshendu Chowdhury	Control Theory and Partial Differential Equations	Self Funded **Or** Institute Funded	Functional Analysis, Measure Theory, Several Variable Calculus and Ordinary Differential Equations
Saugata Bandyopadhyay	Calculus of Variations and Partial Differential Equations	Self Funded	Functional Analysis, Measure Theory, Several Variable Calculus and Ordinary Differential Equations
Md. Ali Zinna	Commutative Algebra, Classical Algebraic K-Theory	Self Funded	Abstract and Linear Algebra, Topology, Basic Analysis
Sayan Bagchi	Harmonic Analysis	Self Funded **Or** Institute Funded	Functional Analysis, Measure Theory, Several Variable Calculus and Ordinary Differential Equations

Please take a note of the following points:

- Before filling the application forms, please read the general instructions and FAQ.
- Fulfilling the minimum eligibility criteria does not ensure that a candidate will be called for the interview.
- Candidates are advised to complete the application form carefully, as additional shortlisting criteria will be determined based on the academic record, relevant experience, and statement of purpose provided in the application.
- Candidates will be permitted to appear for the interview only after due verification of their documents.
- **An online or telephonic interaction may be conducted** as part of the further shortlisting process. Candidates will be duly informed of the date, time, and other relevant details.
- Reservation for SC/ST/OBC candidates shall be applicable as per the Government of India rules.

For any queries about the application process, you may write to
dms.phd.application@iiserkol.ac.in

For more information about the department, visit the website
https://math.iiserkol.ac.in/index.html