



भारतीय प्रौद्योगिकी संस्थान रोपड़
INDIAN INSTITUTE OF TECHNOLOGY ROPAR
नंगल रोड, रूपनगर, पंजाब-140001, Rupnagar, Punjab-140001

Advertisement for the Post of Junior Research Fellow

Applications are invited from highly motivated and eligible candidates for ECRG project funded by Anusandhan National Research Foundation (ANRF) as per the following details.

Project title: Learning State-Dependent Hawkes Processes with Gaussian Process Kernels for Modeling Dynamic Contagion

Name of the Post: Junior Research Fellowship

Number of Vacancy: 01

Last Date of Applications: 10th August 2026

Principal Investigator (PI): Dr. Puneet Pasricha, Department of Mathematics, IIT Ropar

Other Details:

Duration: The appointment will be for a maximum duration of three years or until the project completion date, whichever is earlier. The selected candidate will be appointed initially for one year, with the possibility of extension based on performance. The selected candidate may also apply for the Ph.D. program in accordance with the existing institute rules.

Emoluments: INR 37000 + HRA (as per norms)

Age Limit: 28 years

Essential Qualifications: The applicant must meet at least one of the following two criteria:

- (i) Master's degree in Mathematics/Statistics/Data Science/Finance from a recognized institute and with exceptionally good academic record with a minimum CGPA of 6.5 on a 10.0 point scale (or 65% marks) + good GATE/NET score.
- (ii) Bachelor's degree in Computer Science/Mathematics&Computing from a recognized institute and with exceptionally good academic record with a minimum CGPA of 6.5 on a 10.0 point scale (or 65% marks) + good GATE/NET score

Essential Skills:

- Good working knowledge of Python programming.
- Strong foundation in Probability and Stochastic Processes.

Desirable Qualities:

- Background in Machine Learning and Finance.
- Experience with Python libraries for machine learning and data analysis (e.g., NumPy, Pandas, Scikit-learn, TensorFlow, or PyTorch)

Application Process Eligible applicants should fill out the google form: <https://forms.gle/LWh47zcTXLHociig7> Only shortlisted candidates will be informed of the interview schedule by email. For any queries, please contact Dr. Puneet Pasricha at puneet.pasricha@iitrpr.ac.in.