Advertisement for a Postdoctoral Fellow Position

Department of Mathematics,
Indian Institute of Technology Ropar,
Rupnagar, Punjab 140001

Applications are invited for a **Postdoctoral Fellow (PDF)** position sanctioned under the ISIRD grant, in the Department of Mathematics, IIT Ropar, for the project titled *Machine Learning for Financial Risk Mitigation.* The project aims to develop machine learning solutions to address key challenges in finance, such as empirical asset pricing, investment decision-making, and financial risk analysis. The selected candidate will conduct research under the guidance of **Dr. Puneet Pasricha (Principal Investigator)**, Department of Mathematics, IIT Ropar.

Essential Qualifications

Ph.D. degree in the relevant area of Mathematics.

Upper Age Limit

35 years (Relaxation as per GOI norms is applicable).

Desired Qualifications

Candidates with research experience and a strong background in quantitative finance and/or statistics will be given preference.

Duration

Initially, the PDF position will be offered for a period of one year. Based on the performance of the candidate, it can be further extended for up to one more year or until the completion of the project, whichever is earlier.

Salary

The selected candidate will receive a consolidated fellowship of Rs 47,000/- per month plus HRA as per GOI norms if he/she is not staying on campus.

Application Process

The applicant must send the following documents in a single PDF file to `puneet.pasricha@iitrpr.ac.in` **(Dr. Puneet Pasricha)** on or before November 20, 2024:

1. A one-page cover letter describing their background, research interests, and how these align with the project.

2. The completed application form in the prescribed format (Appendix I).

3. Curriculum vitae including a list of publications.

4. Soft copies of all degree certificates.

The short-listed candidates will be called for an online interview in **December, 2024**. For any queries, please contact Dr. Puneet Pasricha at puneet.pasricha@iitrpr.ac.in

Application Format

1. **Name and full correspondence address:**

2. **Email and contact number:**

3. **Gender:**

4. **Date of Birth:**

5. **Marital Status:**

6. **Category:**

7. **Nationality:**

8. **Whether differently abled:**

9. **Academic Qualification:** (The qualification details must include the details starting from 10th standard onwards)

Qualification	Subject	Institute/University	Year of Passing	% of Marks/CGPA

10. **Work experience in chronological order:**

11. **Professional Recognition/Award/Prize/Certificate/Fellowship received by the applicant:**

12. **Peer-reviewed publications:**

Declaration

I hereby declare that all the statements made in this application are true and complete, and nothing has been concealed/distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:
Date:

Signature of the Applicant