

**Advertisement for JRF position in the  
Department of Computer Science and Engineering, IIT Ropar  
(F. No. ANRF/ARG/2025/005781/ENS)**

Applications are invited from Indian nationals for the position of a Junior Research Fellow (JRF) to work in the ANRF-ARG sponsored project titled "Fair and Scalable Graph Algorithms for Large Networks" under the supervision of Dr. Manish Kumar.

**Responsibilities:** Design and implement graph algorithms with fairness constraints.

**Number of Position:** 01 (Junior Research Fellow)

**Duration:** The initial appointment will be for six months, with the possibility of extension for up to three years based on satisfactory performance.

**Fellowship:** Consolidated INR 37,000/- + HRA per month (Institute fixed norm).

**Essential Qualifications:**

**1. Educational Qualification:**

- Postgraduate degree (M.Sc./M.Tech.) in Computer Science, Mathematics, or a related discipline. For candidates with a postgraduate degree (M.Sc.), a valid NET/GATE qualification is required unless exempted through M.Tech.

**OR**

- Undergraduate degree (B.Tech./B.E.) in Computer Science, Computer Science & Engineering, Information Technology, Mathematics, Mathematics & Computing or a related discipline with a valid GATE qualification. GATE/NET qualification is not mandatory for candidates who have completed their UG from an IIT/IIT/NIT.

**OR**

- A three-year B.Sc. followed by a two-year M.Sc. is considered equivalent to a B.Tech./B.E. degree for eligibility purposes, and thus GATE/NET rules for B.Tech./B.E. apply.

**2. Technical Knowledge:**

- Strong understanding of Data Structures, Graph Algorithms and Analysis of Algorithms

**3. Programming Skills:**

- Proficiency in at least one programming language such as Python or C++

**Application Deadline:** 15<sup>th</sup> June 2026

- Shortlisted candidates will be called for an interview in online/offline mode.
- The date and time will be notified later through email.

**How to Apply:** Application will be made through the online google form:

<https://forms.gle/Ca41PyH4yL93rgJUA>

For any queries related to the application, available posts and nature of research work may be emailed to Dr. Manish Kumar, at [manishk@iitrpr.ac.in](mailto:manishk@iitrpr.ac.in). After joining, the selected candidate may be provided with hostel accommodation (subject to availability).