



Advertisement for a Research Associate

Indian Institute of Technology, Ropar (IIT Ropar)

**Department of Mathematics, Nangal Road, Transit
Campus, Rupnagar, Punjab 140001**

Applications are invited for a Research Associate (RA) position awarded by Science and Engineering Research Board (SERB) under the scheme Core Research Grant (CRG), in the Department of Mathematics, IIT Ropar, under the project titled “Harmonic Mappings and Harmonic Function Spaces”. This project aims at solving some of the fundamental problems in the theory of Harmonic Mappings and problems pertaining to harmonic Hardy spaces, Bergman Spaces, and so on. The selected candidate will be carrying out research work under the guidance of Dr. Sairam Kaliraj (PI), Department of Mathematics, IIT Ropar.

Essential qualifications: Ph.D degree in the relevant area of Mathematics or having 3 years of research, teaching experience after Master’s degree in Mathematics with at least one research paper in Science Citation Indexed (SCI) journal.

Upper age limit: 35 years (Relaxation as per GOI norms is applicable).

Desired qualifications: Candidates having research experience in Complex Analysis or function spaces will get an advantage.

Duration: Initially, the Research Associate position will be offered for a period of 10 Months. Based on the performance of the candidate, it can be further extended up to 2 more years.

Salary: The selected scholar will receive a consolidated fellowship of Rs 47000/- per month if he/she has a Ph.D degree. Scholars who have submitted/ defended their Ph.D thesis can also apply, and if they got selected, the committee shall decide their fellowship and it can be upgraded to the above said amount, once they receive their Ph.D degree.

The applicant must send the following documents in a single PDF file to sairam@iitrpr.ac.in

(Dr. Sairam Kaliraj) on/before **05 May 2023**.

1. A one-page cover letter describing the background and how it will help to pursue this project.
2. Application in the prescribed format as given in Appendix I.
3. Soft copy of all degree certificates.
4. Scholars who have submitted/ defended their thesis, but not received their Ph.D Degree can submit a relevant proof of submission/Viva-Voce.

The short-listed candidates will be called for an online interview in May 2023.

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

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

(The qualification details must include the details starting from 10th standard onwards)

10. Work experience in the 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