



SOUTH ASIAN UNIVERSITY
A University Established by SAARC Nations

Advertisement for the Position of Junior Research Fellow (JRF)

(Project No. ANRF/ECRG/2025/001194/PMS)

Applications are invited from Indian nationals interested in the post of **Junior Research Fellow (JRF)** to work on the research project entitled “**Digital Twins for Design of Electromagnetic Materials and Devices Using Optimal Control and Finite Element Methods**” sanctioned by the **Anusandhan National Research Foundation (ANRF)** under the PMECRG Scheme under the supervision of the undersigned.

No. of Positions	One
Duration	Initially for one year. The appointment may be extended annually based on satisfactory performance up to three years or until completion of the project, whichever is earlier.
Fellowship	Rs. 37,000/month + HRA for first two years and Rs. 42,000/month + HRA for the third year

Project Description

The project aims to develop and analyze structure-preserving finite element discretizations and optimization methods for time-dependent Maxwell’s equations within the framework of PDE-constrained optimization.

Minimum Qualification and Eligibility

Candidates should satisfy the following:

- M.Sc/MS/M.Tech. in Mathematics with a minimum of 60% marks (or equivalent CGPA) along with a valid NET/GATE qualification (where applicable).

PhD Opportunity

The selected candidate may be considered for admission to the PhD programme at South Asian University subject to the SAU rules.

Application Procedure

Eligible candidates should send the following documents as a **single PDF** via email to rkhandel@sau.int on or before **4 August 2026**.

1. Detailed Curriculum Vitae (CV) with recent photograph.
2. Soft copies of degree certificates and transcripts.
3. Valid GATE/NET certificate(s).
4. Relevant experience certificates (if any).

Selection Process

Shortlisted candidates will be invited for an online/offline interview. No TA/DA will be paid for attending the interview. The date of interview will be notified to the shortlisted candidates directly.

Important Note

The qualifications listed above are the minimum requirements and do not guarantee an interview call. Only shortlisted candidates, based on merit, will be contacted through email. The decision of the Selection Committee shall be final.

Contact

Dr. Rohit Khandelwal

Department of Mathematics

South Asian University

(A University Established by SAARC Nations)

Rajpur Road, Maidan Garhi

New Delhi - 110 068 (India)

Email: rkhandel@sau.int

Website: <https://sites.google.com/view/rohitkhandelwal/home>



(Dr. Rohit Khandelwal)
Principal Investigator