



SOUTH ASIAN UNIVERSITY
A University Established by SAARC Nations

Advertisement for the Position of Project Associate
(Faculty Research Grant)

Applications are invited from Indian nationals interested in the post of **Project Associate** to work on the research project entitled “**Digital Twins for Design of Electromagnetic Materials and Devices Using Optimal Control and Finite Element Methods**” supported under the **Faculty Research Grant (FRG)** of South Asian University under the supervision of the undersigned.

No. of Positions	One
Duration	Initially for one year. The appointment may be extended based on satisfactory performance and availability of funds, subject to the rules of South Asian University.
Fellowship	Rs. 30,000 (per month)

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./M.S./M.Tech. in Mathematics/Computer Science with a minimum of 60% marks (or equivalent CGPA).
- Candidates with a strong background in numerical analysis, finite element methods, partial differential equations, optimization, or computational mathematics will be preferred.
- Candidates with relevant research experience and/or programming skills in MATLAB, Python, or other scientific computing platforms will be preferred.

Application Procedure

Eligible candidates should send the following documents as a **single PDF** via email to rkhandel@sau.int on or before **25 September 2026**.

1. Detailed Curriculum Vitae (CV) with recent photograph.
2. Soft copies of degree certificates and transcripts.
3. Relevant experience certificates, if any.
4. Any other supporting documents relevant to the position.

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

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(Dr. Rohit Khandelwal)
Principal Investigator