

Junior Research Fellow position in Computational Nanoelectronics

Indian Institute of Technology Gandhinagar (IITGN) invites applications for a Junior Research Fellow position in Computational Nanoelectronics for a research project funded by Indian Institute of Technology, Gandhinagar.

Job Description: The candidate will work on modelling and simulation of emerging two-dimensional materials heterostructures. The candidate will have the opportunity to work with the atomistic simulation approaches and develop physics-based analytical models for novel devices. The candidate should be willing to participate in both the research and general activities of the group. Subject to the performance and interest of the Fellow, an opportunity to pursue Ph.D. at IIT Gandhinagar may be considered.

Eligibility: B.E./B.Tech./M.Sc. with a qualified NET/GATE score, or M.E./M.Tech. in Electrical Engineering, Physics, or Material Sciences. Experience in mathematical modeling with MATLAB and python.

Duration: The appointment is for 1 year.

Remuneration: 31,000 INR per month

Application Procedure: Candidates must send following documents via e-mail to Dr. Tarun Kumar Agarwal (tagarwal@iitgn.ac.in) with a subject line JRF-2021-IITGN. The documents must be sent as a **single pdf attachment** to the email:

1. Current CV with list of publications, and technical skills
2. Transcripts of course work in undergraduate and post-graduate degrees
3. NET/GATE scorecard for B.E./B.Tech./M.Sc. candidates.
4. A small write-up about why you want to take up this research fellow position
5. Names and email addresses of 2 potential referees.

The applications will continue to be screened until the position is filled. The applications received **before 23rd August, 2021** will be given priority. Queries may be directed to Dr. Tarun Kumar Agarwal via email (tagarwal@iitgn.ac.in).