



INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR

Research & Development Office

ADVERTISEMENT NO. SPON/63043/Advt0350 DATED 22.10.2026

Applications are invited for a temporary position of **Senior Research Fellow** at IIT Gandhinagar.

The details are as below:

Name of PI	Prof. Tarun Kumar Agarwal	Department	Electrical Engineering
Project title	RES-URSC-2022-024: Numerical simulation of III-V semiconductor thin films growth in MOCVD Process for Solar cell applications		
Designation	Senior Research Fellow (SRF)		
Number of positions	1		
Application Link	http://recruitment.iitgn.ac.in/projectstaff/		
Last date of application submission	05/11/2026		
Consolidated Monthly Remuneration including HRA	₹53,340/- per month		
House Rent Allowance per month (If applicable)	Rs.11,340/- per month (Applicable as per Institute norms)		
Duration of appointment	12 Months		
Eligibility Norms ¹	☐ Institute norms ☒ Funding Agency norms		
Essential Qualification/Experience as per the norms ¹	PG Degree in Basic Science OR Graduate/Post Graduate Degree in Electrical Engineering/ Mechanical Engineering/Material Engineering/Chemical Engineering or any Professional Course selected through a process described through any one of the following: (a) Scholars who are selected through National Eligibility Tests - CSIR-UGC NET including lectureship (Assistant Professorship) or GATE, (b) The selection process through National level examinations conducted by Central Government Departments and their Agencies and institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. 02 years of research experience is required along with the above-mentioned qualifications <i>The percentage/grade points with respect to the academic qualification will be a minimum 60% or equivalent grade from graduation onwards and 55% or equivalent grade in class 10th and 12th.</i>		
Desirable Qualification/Experience	Prior experience with Computational Fluid Dynamics packages (e.g. Ansys Fluent), Understanding of the chemical reactions kinetics, Strong scientific writing and presentation skills		
Job Description	Applications are invited for one Senior Research Fellow (SRF) position for an ISRO-sponsored project on the development of a multi-scale modeling framework for III-V semiconductor thin-film growth in the MOCVD process for solar cell applications. The work involves reactor-scale process modeling of the MOCVD process using a Computational Fluid Dynamics Framework like ANSYS Fluent. The candidate will closely with the research team at SCL Mohali to validate the developed model.		
Contact	Prof. Tarun Kumar Agarwal (tagarwal@iitgn.ac.in)		

“Merely meeting the minimum eligibility criteria will not guarantee the shortlisting and/or appointment. A higher cutoff level may be used. The Institute reserves all rights, not to call an applicant for a selection test or not to fill up a position through this round of selection process without assigning any reason.”