INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR
Research & Development Office

ADVERTISEMENT NO.SPON/63040/Advt0382 Dated 23-11-2026

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

The details are as below:

Name of PI	Anagh Bhaumik	Department	MSE
Project title	On-chip-based single-photon source with high brightness and spectral purity		
Designation	JRF		
Number of positions	One		
Application Link	http://recruitment.iitgn.ac.in/projectstaff/		
Last date of application submission	5th December 2026		
Consolidated Monthly Remuneration including HRA	INR 37,000/- per month + 27% HRA (if in-house accommodation is not available)		
House Rent Allowance per month (If applicable)	-		
Duration of appointment	6 months		
Eligibility Norms[1]	☐ Institute norms	☒ Funding Agency norms	
Essential Qualification/Experience as per the norms[1]	PG degree in Basic Science or Engineering OR Graduate/Post Graduate degree in Professional course selected through a process described through any of the following: (a) Scholars who are selected through National Eligibility Tests-CSIR-UGC NET including lectureship (Assistant Professor) 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. *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.*		
Desirable Qualification/Experience	• Skilled in PVD, CVD, and electrolytic deposition techniques. • Skilled in characterization techniques: Raman-PL, XRD, SEM, TEM, XPS, etc. • Fundamental knowledge of Quantum Materials and Devices, including III-V materials, Quantum dots, and Quantum wells. • Good scientific writing and communication skills.		
Job Description	• Detailed structure-property correlation of InGaAs, CdSe, PbS grown on Si and GaAs wafers. • Single-photon purity test. • Development of the on-chip single-photon source.		
Contact	Mention PI's Name & Mail Id Anagh Bhaumik, MSE anagh.bhaumik@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."