



Recruitment of Visvesvaraya Postdoctoral Fellow in the area of Experimental Terahertz Photonics in the Department of Physics at IIT Ropar

The Terahertz Photonics Laboratory (<https://iitrpr.ac.in/gk/>) in the Department of Physics at IIT Ropar is looking for a motivated postdoctoral candidate to work in the field of terahertz photonics. The position is contractual (maximum one year) and will be funded by Visvesvaraya postdoctoral fellowship scheme.

The project involves the experimental studies on the generation and detection of terahertz, building terahertz spectroscopy setup, fabrication of plasmonic and metamaterials structures in the clean room ambience. We expect the postdoc have a very good understanding and skill on the above mentioned topics.

Fellowship: Rs1,08,393/month. (for more details on Visvesvaraya Post Doctoral Fellowship (PDF) Scheme, please visit website: <https://phd.dic.gov.in/>).

1. Who can apply?

- Ph.D. degree in Physics/Electrical/Electronics Engineering or related area are eligible to apply for the postdoc position.
- We expect candidate should have published papers in the experimental terahertz spectroscopy/photonics/laser spectroscopy or the related area in international journals of repute and must have good communication and writing skills in English.
- Experience in working with terahertz time domain spectroscopy, Optical pump terahertz probe spectroscopy, clean room experience, python programming, 3D electromagnetic simulation such as COMSOL and CST Microwave Studio is desirable.

Eligibility and Duration:

- The PDF is awarded to researchers with a proven academic record, including peer reviewed publications and recognitions.
- It is a full-time, non-transferable, temporary position tenable in India only.
- The fellowship is valid for a maximum of 1 year.
- The PDF applicant should be an Indian citizen.
- PDF applicants currently in regular employment will not be considered.
- The PDF applicant must have obtained a PhD degree from a recognized University with first class (in terms of grades, etc.) in all preceding levels and a good academic record throughout.
- PDF applicant should have completed PhD within the past 5 years on the last date of submission of application to the institution.
- PDF applicants should not have completed their PhD at the same institution (host institution) where the PDF fellowship is to be awarded.
- The upper age limit for the fellowship is 40 years on the date of submission of application.
- Preference would be given to the PDF applicants who have active industry linkages and their research proposal is directed towards industry specific problems.



- If any PDF candidate has already availed the fellowship under the scheme, he/she will not be eligible for support.

General Information

1. Short-listed candidates will be called for the interview (offline or online). No TA/DA will be given to candidates for attending the interview.
2. Only shortlisted candidates will be communicated to appear for interview by email and no other communication in this regard will be entertained.
3. After the selection, the selected candidate needs to join immediately (within a few days) after receiving the offer letter by following the Institute/Visvesvaraya PhD Scheme joining rules.

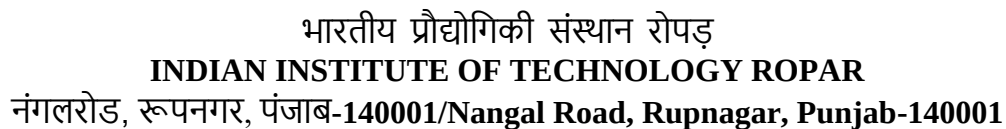
How to apply?

Please send filled application form (in the attached format) with copy of educational qualifications, date of birth certificate, one recommendation letter, and any experience certificate along with two page research proposal and detailed CV by email as a single .pdf file to (gk@iitrpr.ac.in).

Last date of Application: 07. 10. 2026

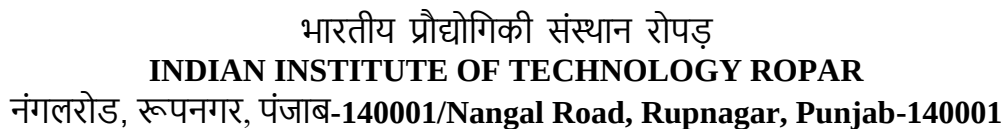
Prof. Gagan Kumar

Department of Physics, Indian Institute of Technology (IIT) Ropar
Rupnagar, Punjab 140 001



Department/School		Affix Recent Passport Size Photo
Area of Research		

Full Name (in Capital)																													
Father's Name (in Capital)																													
Date of Birth (DD/MM/YYYY)												Category (SC/ST/OBC/GEN)																	
Gender (Male/Female)						Marital Status (Single/Married)												Nationality											
Communication Address												Permanent Address																	
Mobile												Email ID																	

[illegible]**Details of Educational/Professional/Technical Qualifications (from Matriculation onward):**

Sr. No.	Degree	Discipline	University/College	Regular/Part time	Year	%age of Marks	Division
1							
2							
3							
4							
5							
6							

Title of PhD

Thesis.....

Specialization, in terms of Broad Area of Specialization and Exact Area of Specialization:

(a) Subject	(b) Broad Area of Specialization	Exact Area of Specialization

Publications and Patents: (Please attach list of publications and patents with full references)

(a) No. of Papers (i) Published (ii) Accepted.....

(b) No. of Books published,

(c) No. of patents: (i) Filed: (ii) Granted

Prizes, Honours, Awards, Distinctions, if any:

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Fellowships held:

Name of fellowship	Name of the sponsoring agency	Date		Amount	Name of the Host Institute
		From	To		



भारतीय प्रौद्योगिकी संस्थान रोपड़
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नंगलरोड, रूपनगर, पंजाब-140001/Nangal Road, Rupnagar, Punjab-140001

Give details of employment, if any

Sr. No.	Name of the Organization	Designation	Period		Nature of Work
			From	To	

List of Enclosures: (Please tick)

1. PhD degree certificate copy/submission certificate ☐
2. List of Publications ☐
3. Recommendation letter 1 (from PhD Supervisor) ☐
4. Detailed CV ☐
5. Two page research proposal including specific timelines and deliverables, etc. ☐

DECLARATION

I hereby declare that I have carefully read the instructions and particulars supplied to me and that the entries made in this application form are correct to the best of my knowledge and belief. If selected for admission, I promise to abide by the rules and discipline of the Institute.

I note that the decision of the Institute is final with regard to selection for admission and assignment to a particular Department and field of study/research. The Institute shall have the right to expel me from the Institute at any time after my admission, provided it is satisfied that I was admitted on false particulars furnished by me or my antecedents prove that my continuance in the Institute is not desirable. I agree that I shall abide by the decision of the Institute, which shall be final.

Place:
Date:

Signature of the Candidate



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