



सूक्ष्म कणिका एवं संचार अभियंत्रण विभाग
Department Of Electronics & Communication Engineering
मोतीलाल नेहरू राष्ट्रीय प्रौद्योगिकी संस्थान इलाहाबाद
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
प्रयागराज- २११००४
Prayagraj-211004

Advertisement No- 01/2024/LPDC/Project Staff

Dated: 03.09.2024

Advertisement & Walk in Interview for the Post of Senior Research Fellow (On Contract)

Applications are invited from Indian nationals for the post of Senior Research Fellow [SRF] (**on contract**) in research project entitled “**Prototype development of a photovoltaic solar cell with a high conversion efficiency: An application of two-dimensional materials**” sanction letter no. 22/0882/23/EMR-II dated 13.07.2023 sponsored by Council of Scientific and Industrial Research [CSIR], New Delhi.

The selection of SRF will be conducted through walk-in interview on September 12, 2024 (11.30 AM onwards) at Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj-211004. The candidates are advised to bring duly completed application form (attached) on prescribed format along with all copies of supporting documents. Also, the candidates are advised to report for the walk-in interview along with the application form and required documents on September 12, 2024 (10.30 AM) in the Microwave Engineering Lab of the department.

The position is purely temporary and will be governed by the funding agency rules & service conditions of office of the Dean (Research & Consultancy), MNNIT Allahabad.

Number of Vacancy:	1 (One)
Project Title	Prototype development of a photovoltaic solar cell with a high conversion efficiency: An application of two-dimensional materials
Department	Electronics and Communication Engineering
Project Tenure	Two Years
Job Description	The project envisages design, simulation fabrication & characterization and analyzing the mechanisms of photovoltaic solar cell.
Essential Qualifications:	MTech/ME or equivalent degree in engineering/technology with at least 60% marks; OR BE/BTech or equivalent degree with at least 60% marks and two years research experience as on the last date of application Desirable: 1. It is highly desirable that the candidates have basic knowledge of photovoltaic solar cell and thin film, etc. and research experience in modelling and simulation of solar cell.
Age Limit:	32 years
Age Relaxation	The upper age limit is relax-able up to 5 years in case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates
Fellowship:	Rs. 35,000.00 per month + HRA (18%)
Other Benefits:	Accommodation may be available as per the availability and the Institute norms. Candidate selected for the SRF may register for Ph.D. if eligibility conditions as set by Institute is met by him/her. Facility of yearly leave., carryover leave, medical benefits etc. may be available as per applicable rules of the project staff
Tenure of Appointment:	Appointment will be made for a temporary period purely on contract basis for a period of one year initially, which may be extended depending on the performance evaluation on yearly basis till the end of project.



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Note:

1. The applicant will be responsible for the authenticity of information, other documents and photographs submitted.
2. The Institute reserves the right to accept application at any time, and consider candidates of exceptional credentials without applications.
3. Qualification and experience may be relaxed by the Institute at any point of time for otherwise exceptional candidates. Mere, possessing the prescribed qualification does not ensure that the candidate would be called for Interview. The Candidates will be shortlisted on the basis of merit and need of the project.
4. The candidate must provide valid E-mail IDs in their applications.
5. The candidates have to present themselves for the walk-in interview on September 12, 2024 with updated CV and publications (if any) .
6. Applicants in employment (private, government or any other organization) are required to submit a “**No Objection Certificate**” from the employer at the time of interview.
7. No TA/DA will be paid for appearing in the interview.

Name of Principal Investigator: Prof. Yogendra Kumar Prajapati
Designation : Professor
Department : Electronics and Communication Engineering



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APPLICATION FORM

Advt.No.....

Dated.....

Research Projects Entitled	Prototype development of a photovoltaic solar cell with a high conversion efficiency: An application of two-dimensional materials	Self-Attested recent passport size Photograph
Funding Agency	Council of Scientific and Industrial Research [CSIR], New Delhi	
Name of P.I.	Prof. Yogendra Kumar Prajapati	
Name of Position	Senior Research Fellow [SRF]	
Department/Section	Electronics and Communication Engineering	

1.	Name of the Candidate (In Capital letter)					
2.	Sex (Male/Female)					
3.	Marital Status (Married/Unmarried)					
4.	Date of Birth					
5.	Age as on last date of applicationYears.....Months.....Days				
6.	Father's/Husband's Name					
7.	Present/Contact Address					
8.	Permanent Address					
9.	Mobile No.					
10.	E-mail					
11.	Nationality/State					
12.	Category	Gen/SC/ST/OBC/PH.....(enclosed attested copy of certificate) and women				
13.	NET/GATE	A. NET: Yes/No; Roll.No.:....., Year:..... Score/Rank..... B. GATE: Yes/No; Roll.No.:....., Year:..... Score/Rank.....				
14.	Educational Qualification					
	Qualification	Subject/Discipline	Board/Institute/Univ.	Year	% of Marks	Division
	10 th or equivalent					
	12 th or equivalent					
	Diploma, if any					
	B.E./B.Tech./B.S./B.Pharm					
	M.E./M.Tech*					
	Any other degree (if any)					

*Title of B.Tech. /M.Tech.....



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15.	Details of Experience in chronological order. Enclose a separate sheet duly authenticated under your signature if necessary						
	Organisation	Position	Salary/Emoluments	Nature of Duties	Nature of appointment	Period of Experience Year Month Days	
16.	Research Publications (Attach list): -						
	SCI Journals:						
	Non-SCI Journals:						
	International Conference/Seminar/Symposium Proceeding:						
	National Conference/Seminar/Symposium Proceeding:						
17.	Any other information						
18.	Indicated whether you propose to register for higher degree* at MNNIT Allahabad. Yes/No (Name of higher degree is Ph.D.)						

Note: "Those candidates who wish to be admitted as student for higher degree must fulfill at least the minimum eligibility for the respective admission as available on the institute website.

DECLARATION

I hereby declare that all the statements made in this application are true and complete and nothing has been concealed/ distorted. I am aware that, if at any time I am found to have concealed/distorted any material information, my engagement is liable to be summarily terminated without notice.

Place:

Date

(Signature of the Applicant)

Enclosure- Seif attested copy of documents

1. Proof of Date of Birth
2. Mark sheets & certificates of all the examination passed
3. Category Certificate, if applicable
4. NET/GATE score card, if passed
5. Experience certificate, if any
6. Research publication, if any