



Department of Electronics & Communication Engineering
MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY ALLAHABAD
Prayagraj-211004

Advertisement No- 01/2024/LPDC/Project Staff Revised

Dated: 08.10.2024

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 October 18, 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 October 18, 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 CSIR guidelines 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:	MSc, BE, BTech, BVSc, BPharm, or equivalent degree, and at least two years of post-MSc, BE, BTech, BVSc, BPharm, research experience, as evidenced from published papers in standard refereed journals; (ii) ME, MTech or equivalent degree in Engineering/Technology; (iii) MBBS or BDS, with 1-year internship/M Sc/ M Pharm or equivalent. As per CSIR guidelines of 3.9.2 available at https://csirhrdg.res.in/Home/Index/1/Default/3283/63
Age Limit:	The upper age limit for SRF shall be 32 years as on the day on which the application is made. As per CSIR guidelines of 3.10 available at https://csirhrdg.res.in/Home/Index/1/Default/3283/63
Age Relaxation	A small relaxation in age limit may be considered, in the case of applicants who are suitably qualified and experienced, on the recommendations of the selection committee. The upper age limit is relaxable upto 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates. As per CSIR guidelines of 3.10 available at https://csirhrdg.res.in/Home/Index/1/Default/3283/63
Fellowship:	Rs. 42,000.00 per month + HRA (HRA, as per rules of the Host Institution, provided candidate has not been given hostel accommodation (stipend paid/payable will be treated as pay for the purpose of HRA) As per CSIR guidelines of 3.11 available at https://csirhrdg.res.in/Home/Index/1/Default/3283/63
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 CSIR guidelines of the Project SRF available at https://csirhrdg.res.in/Home/Index/1/Default/3283/63
Tenure of Appointment:	The project is two-year duration. So, appointment will be made 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 preference will be given to those candidates who have degrees in field related to Electronics discipline.
2. The candidate will be responsible for the authenticity of information, other documents and photographs submitted.
3. The candidate must provide valid E-mail IDs in their applications.
4. The candidates have to present themselves for the walk-in interview on **October 18, 2024** with updated CV and publications (if any).
5. Candidates in employment (private, government or any other organization) are required to submit a “**No Objection Certificate**” from the employer at the time of interview.
6. 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



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

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.....



सूक्ष्म कणिका एवं संचार अभियंत्रण विभाग
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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