



# National Institute of Solar Energy

(An Autonomous Institute of Ministry of New and Renewable Energy, Govt. of India)  
Gwal-Pahari, Gurugram

File No. SDD/58/2/2023-LAB

Date: 03.03.2026

**Subject: Advertisement for the position of Research Associate-I (RA-I), purely on short-term contract basis at National Institute of Solar Energy (NISE), Gwal-Pahari, Gurugram under New & Renewable Energy Fellowship (NREF) of Ministry of New and Renewable Energy, Government of India.**

National Institute of Solar Energy (NISE) is an Autonomous Institute of Ministry of New and Renewable Energy, Government of India to function as an Apex National Centre for research and technology development and related activities in the areas of Solar Energy Technologies in the Country. NISE is located on a 200-acre campus at the Gurugram-Faridabad Road, Gwal Pahari, Gurugram, Haryana.

2. NISE intends to engage (01) one position of Research Associate-I (RA-I) under NREF. Candidate should be passionate about working on cutting edge research leading to high impact publications and product development in the field of solar energy. The details of the qualification, experience, eligibility criteria, job requirement & remuneration etc. are given below:-

Sl. No.	Post Name and Upper Age Limit	Essential Qualifications and Experience	Period of Engagement	Job requirement	Consolidated remuneration (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)
1.	<b>Research Associate-I (RA-I)</b>  Reserved for OBC(NCL)  No. of Post: <b>01 (One)</b>  *(The upper age limit would be 35 years on the last date of receipt of application).	<b>Essential Qualification:</b> <ul style="list-style-type: none"><li>• Ph.D. in Renewable Energy, Solar Energy, Energy, Electrical Engineering, Electrical and Electronics Engineering other related fields.</li></ul> OR 3 years of experience after M. Tech/ME in the relevant field <ul style="list-style-type: none"><li>• At least one research paper in Science Citation Indexed (SCI) journal</li></ul> <b>Desirable Skills:</b> <ul style="list-style-type: none"><li>• PV module measurement and characterization</li><li>• Proficiency in simulation tools for PV system performance and reliability assessment.</li><li>• Strong analytical skills and experience in optimizing the performance and lifecycle of PV modules and systems.</li></ul>	Engagement shall be initially for a period of one year and extendable up to a maximum of three years on year-to-year basis depending upon the performance and functional requirement of the institute.	<ul style="list-style-type: none"><li>• Conduct research on photovoltaic cell and modules reliability.</li><li>• I-V translation procedure development for bifacial module, development of procedure for Energy rating of bifacial module.</li><li>• Forecasting of degradation rate of PV modules</li><li>• Data analysis related to the performance, reliability, and lifecycle of PV systems.</li><li>• Document research findings and contribute to publications and conferences.</li></ul>	Rs. 58,000/- + HRA

\*Age and experience as on the last date of receipt of application.

### 3. Terms & Conditions: -

- Period of Engagement:** Period of engagement is as stated in column (4) of the eligibility criteria against this post. The position is purely on temporary basis. There will not be any claim from the candidate for seeking permanent position in the institute.

- ii. **Selection Procedure:** The engagement will be purely on short term contract basis. Selections will be based on interview in response to this advertisement, on the basis of relevant research work experience and qualification of applicants.
- iii. **Remuneration: Governed** as per DST notifications vide its No. DST/PCPM/Z-06/2022 dated 26.06.2023.
- iv. RA-I will be considered for upgradation to RA-II (Rs. 61,000/-) and to RA-III (Rs. 67,000/-) after completion of One year as RA-I & RA-II respectively. Further RA-II will be considered for upgradation to RA-III after completion of one year.
- v. **HRA-** All RAs may be provided hostel/guest house accommodation if available. RAs residing in the hostel/guest house accommodation shall not be entitled to HRA. When provision of hostel/guest house accommodation is not possible, HRA will be paid as per central govt. norms applicable in NISE for the city/location where RA is working. The percentage required for calculating HRA will be based on the fellowship amount.
- vi. **Scope of Duties:** During the period of such engagement, the candidates would be required to perform any work as specified in the above table along with any other duties assigned to them by the Heads of the divisions/laboratories of NISE.
- vii. **Leave:** (a) Leave not exceeding 30 days for each completed year for any un completed year, leave may be granted on pro-rata basis. (b) The Associate should not be allowed to proceed on leave to visit abroad for attending conferences/seminars etc. without prior approval of the NISE well in advance. The entire duration of such foreign visits if funded by any national/international agency, whether partially or fully, would be treated as leave without stipend. (c) Women Research Associate with less than two surviving children are entitled to full stipend plus HRA, during the period of absence upto 180 days on grounds of maternity. The Associateship amount for leave period will be paid after the fellow resumes duty and submits a medical certificate in support of actual confinement. It is expected that the Associate will make up for the research work during the remaining tenure. (d) Male Research Associate of NISE with less than two surviving children are entitled for 15 days' paternity leave during confinement of his wife on submission of relevant documentary proof.
- viii. **TA/DA:** No TA/DA is admissible, as per rules of the institute.
- ix. **Office time and working hours:** Engagement would be on full time basis. Working hours shall be from 9.00 AM to 5.30 PM during working days including half an hour lunch break in between. They will not be allowed to take any other assignment during the period of contractual engagement. The candidates may be called on Saturday/ Sunday/ other Gazetted holidays, if required.
- x. **Confidentiality of data and documents:** The Intellectual Property Rights (IPR) of the data collected as well as the deliverables produced for the institute shall remain with this institute. No one shall utilize or publish or disclose or part with, to a third party, any part of the data or statistics or proceedings or information collected for the purposed of this assignment or during the course of the assignment for the institute, without the express written consent of the institute. The candidate shall be bound to hand over the entire set of records of assignment to the institute before the expiry of the contract, and before the final payment is released by the institute.
- xi. **Conflict of interest:** The candidate engaged by this institute, shall in no case represent or give opinion or advice to others in any matter which is adverse to the interest of this institute.
- xii. **Termination of service:** The engagement may be terminated at any time by the institute without assigning any reasons by giving a notice of 15 days. In case, the candidate desires to leave the assignment, he/she is to give 15 days' notice which can be curtailed /extended depending upon the workload.
- xiii. **Number of Positions:** The number of positions have been indicated above in the Table at Column (2).
- xiv. **Medical Facilities:** As per institute norms.
- xv. **Decision:** The decision of the Director General, NISE, Gwal Pahari, Gurugram, Haryana in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, and conduct of examination/interview will be final and binding on candidate.
- xvi. **Relaxation:** The upper age limit is relaxable as per Govt. of India Rules.

#### 4. How to Apply:

- i. **Submission of Application:** Interested candidates may send their duly filled application form in the prescribed format as per **Annexure-I** along with **Annexure-II** and attested photocopies of all testimonials {Academic Mark sheets & Certificates / Experience Certificates, valid reserved category certificate i.e. OBC(NCL) issued in current financial Year, etc.}. The requisite filled application form with attested photocopies of all testimonials {Academic Mark sheets & Certificates / Experience Certificates, valid reserved category certificate i.e. OBC(NCL) issued in current financial Year, etc.} should be submitted via email in a single PDF latest by **15 days** from the date of publication of this advertisement in NISE website **www.nise.res.in** to the following email ID: **recruitment.nise@nise.res.in**

- ii. **Application fees:** No fees are required to be paid by the applicant.
- iii. **Announcements:** All further announcements / details pertaining to this process will only be published /provided on NISE website [www.nise.res.in](http://www.nise.res.in) from time to time. Candidates are advised to regularly keep in touch with the authorized NISE website [www.nise.res.in](http://www.nise.res.in) for details and updates. In case of any queries please write to [recruitment.nise@nise.res.in](mailto:recruitment.nise@nise.res.in).
- iv. **Decision:** The decision of the Director General, NISE, Gwal-Pahari, Gurugram, Haryana in all matters relating to eligibility, acceptance or rejection of applications, mode of selection, and conduct of interview will be final and binding on candidate.
- v. A Candidate if selected will have to submit, at the time of joining, two reference letters/testimonials obtained from previous employer/organization/institution where the candidate has either worked or studied and such reference letters should have been issued within a month.

**Sd/-**  
**Director (Administration)**  
**National Institute of Solar Energy**  
**Gwal Pahari, Gurugram-Faridabad Road,**  
**Gurugram – 122003 (Haryana)**

**APPLICATION FORMAT FOR RESEARCH ASSOCIAT IN THE  
NATIONAL INSTITUTE OF SOLAR ENERGY (NISE),  
(An autonomous Institute of MNRE)  
Gurugram, Haryana-122003**

Affix recent  
passport size  
photograph

**NAME OF THE POST APPLIED FOR .....**

**Particulars**

1.	<b>Name in Block letters.</b>	
2.	<b>Father's Name</b>	
3.	<b>Date of Birth (DD/MM/YY)</b>	
4.	<b>Nationality</b>	
5.	<b>Age (as on last date of application)</b>	<b>Years ..... Months ..... Days .....</b>
6.	<b>Caste</b>	
7.	<b>Category</b>	
8.	<b>Mailing address:</b>	
9.	<b>Telephone/mobile No:</b> <b>E-mail address</b>	
10.	<b>Permanent address:</b>	

11.	Educational Qualifications (Undergraduate Onwards):				Marks / Division /CGPA (%age)		
Sl. No.	Examination passed	Subject(s)	Name of the Board/University/ Institute	Year of Passing	Marks	Div.	CGPA %age
1.							
2.							

12. Ph.D/ M.Tech thesis title, Guide's Name, Institute/Organization/University, Year of Award.

13. Work Experience: -

Sl. No.	Name of the Organization / Office	Post held	Scale of Pay	Period		Nature of work / Assignment performed	Reason for Leaving	Permanent or Temporary
				From	To			

14. Publications (List of papers published in SCI/JCR Journals, in year wise descending order)

Sl. No.	Author(s)	Title	Name of the Journal	Volume	Page	Year

15. Detail of Patents.

Sl. No.	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/ Country	Status

16. Books/Reports/Chapters/General articles etc.

Sl. No.	Title	Author's Name	Publisher	Year of Publication	Type (Books/Reports/ Chapters / General articles etc.)

17. Area of specialization: .....

18. One-page write-up research statement describing past research and plans as per the job requirement stated in column (6).

All particulars furnished above are correct and to the best of my knowledge and belief.

I hereby undertake that I shall abide all the terms and conditions laid down in the advertisement.

**(Signature of Candidate)**

**Date:**

**Place:**

**Undertaking by the Fellow**

I, ..... , Daughter/ Son of ....., resident of ..... agree to undertake the following, If I am offered the Research Associate (RA) in National Institute of Solar Energy, An Autonomous Institute under Ministry of New and Renewable Energy, GoI.

1. I shall abide by the rules and regulations of NISE during the entire tenure of the fellowship.
2. I shall also abide by the rules, discipline of the institution where I will be implementing my fellowship.
3. I shall devote full time to research work during the tenure of the fellowship.
4. I shall prepare the progress report at the end of each year and communicate the same to NISE through the mentor.
5. I further state that I shall have no claim whatsoever for regular/permanent absorption on expiry of the fellowship.

Signature

Date:

Place: