



INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE (IACS)

2A and 2B Raja S. C. Mullick Road, Kolkata, INDIA-700032

Advertisement No: NP/TRC/006

Date: 24.2.2025

Applications are invited from Indian Nationals for the post of **Research Associate (RA)**, affiliated to the Technical Research Centre (TRC), IACS, Kolkata, for conducting Translational research as per the mandate of the TRC.

Tenure: This position is temporary (initially till **30.04.2025**, and can be extended till **31.03.2026**, subject to continuation of the project, availability of fund in the project account and recommendation of the research advisory committee at the end of the initial tenure for a given candidate). Candidates will have no right to claim (explicit or implicit) any post in the institute.

Essential qualification: PhD in Science. Candidates who have submitted PhD thesis, but yet to receive the degree are also eligible. But if selected, they will be receiving reduced fellowship (equivalent to SRF position) until the PhD degree certificate is submitted.

Desired qualification and research experience: Expertise in nanomaterials synthesis, particularly in designing and fabricating novel nanostructures including halide perovskite nanocrystals. The ideal candidate should have experience analyzing optical properties, steady-state and time-resolved spectroscopy, HRTEM analysis of semiconductor nanocrystals. In addition, background in photo- and electrochemical applications such as HER, OER, CO₂ reduction, solar cells, and LEDs will be preferred.

Fellowship: As per rules of IACS

Last date for receiving application: 03-March-2025 (16.00 hrs, IST)

Selection procedure: Applications will be shortlisted on the basis of past academic record, research publications, match of the past research expertise with specific requirements for a given post and other academic parameters, as decided by the selection committee. Only shortlisted candidates will be communicated via their registered email and called for an interview for the final selection. Merely satisfying the essential qualification does not guarantee that a candidate will be shortlisted for interview. IACS holds the full right of choosing a candidate and even not selecting any, in case suitable applications are not received. Based on the past research experience and academic background, the selection committee holds the right to recommend the placement of the selected candidates as RA-I or RA-II or RA-III.

Date of Interview: Tentatively on March 05, 2025. Shortlisted candidates will be informed the schedule through email.

Method of application: Filled in (type-written) Application Form (attached at the end of this document) should be sent as a PDF file through email to dofficeab@iacs.res.in latest by

16.00 hrs, 03-03-2025. Subject line of the email should read as: “**Application for Research Associate-TRC**”. No additional documents should be sent. Applications/Resume sent in any other format will not be considered for selection.

(REGISTRAR, IACS)

APPLICATION FORM

For the Post of Research Associate (RA), TRC, IACS, Kolkata

1. Advertisement Number:

2. Candidate's personal information

Name			
Current affiliation			
Date of Birth		Gender	
Address			
Email			
Mobile number			

3. Academic Qualifications (Class X onward):

Degree	Subject(s)	Class/ CGPA	Year	University/Board

4. Information on the PhD Thesis:

Thesis title	
Thesis supervisor	
Year degree received*	
University/ Institute	

*if degree yet to be received, write accordingly

5. Fellowship/ Award/ Other Recognitions (If any):

6. Work/ research experience (post PhD) in reverse chronological order:

7. **Complete list of publications** (Authors, title of the paper, volume, issue, full page numbers should be mentioned. Applicant's name should be underlined)
8. **A brief description of the past research experience and research skills (maximum 500 words with space):**
9. **Other relevant information (if any)**

Signature of the candidate with date