



## INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE (IACS)

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

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Advt No:- Anuja-SG/TRC-SAIS/044

Date: 11/08/2023

Applications are invited from Indian Nationals for the post of **Research Associate** with Prof. Suhrit Ghosh and Dr. Anuja Datta, TRC (Technical Research Center), IACS, Kolkata, for conducting translational research as per the mandate of the TRC.

**Tenure:** This position is temporary (initially up to 31<sup>st</sup> March, 2024 and can be extended for another two years subject to continuation of the project 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:** Past research expertise in the synthesis and characterization of molecular organic and inorganic polar crystalline and/or non-crystalline materials, and their functional properties exploration in the areas of ferroelectrics (anti-ferroelectrics), piezoelectrics, pyroelectrics and ferroelectric photovoltaics. Candidate's previous experiences in energy harvesting and energy storage will be highly desirable. Skills in materials and device computational works in any or more than one software such as DFT, COMSOL, VESTA, MATLAB is preferred.

**Fellowship:** As per rules of IACS

**Last date for receiving application:** 25-08-2023 (5.00 PM)

**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 (hybrid mode) 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 in the last week of August/1<sup>st</sup> week of September 2023. Shortlisted candidates will be informed the schedule through email.

**Method of application:** A detailed CV and a cover letter should be sent as a single PDF file through email to [psuad4@iacs.res.in](mailto:psuad4@iacs.res.in) latest by **5.00 PM, August 25, 2023**. Subject line of the email should read as "**Application for Research Associate-TRC**".