

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
Jadavpur, Kolkata - 700032

**RA-I in School of Chemical Science (Theoretical and Computational
Materials) under TRC Head**

Advt No: AD/SCS/TRC/AD-026

Dated: 30-05-2024

Applications are invited from Indian Nationals for the post of **Postdoctoral Research Associate** in the group of Professor Ayan Datta, 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 up to 31st March, 2025) and can be extended for another 1-year subject to continuation of the project and recommendation of the research advisory committee at the end of the initial tenure. Candidates will have no right to claim (explicit or implicit) any post in the institute.

Essential qualification: PhD in Physics/Chemistry.

Desired past research experience: Past research experience in the area of computational materials, high pressure solid-state DFT and plane-wave based calculations. The candidate should have published articles in peer reviewed international journals. The candidate should be able to compute barriers for reactions involving CO₂ fixation under thermal or electrochemical conditions.

Fellowship: As per rules of IACS

Last date for receiving application: 15-June-2024 (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 desired requirements and other academic parameters, as decided by the selection committee. Only shortlisted candidates will be communicated via 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 as per DST guideline.

Date of Interview: Tentatively in the last week of June, 2024. Shortlisted candidates will be informed the schedule through email.

Method of application: A cover letter and resume with full publication list should be sent as a single PDF file through email to spad@iacs.res.in latest by 5.00 PM, June 15, 2024. Subject line of the email should read as: "Application for Research Associate-TRC-Computational Materials".