

Indian Association for the Cultivation of Science
Jadavpur, Kolkata-700032

Advt No. DG/SCS/046

Date: 25/08/2023

Applications are invited for the post of a Research Associate -1 (RA-1) to work in the area of **Development and Applications of Theoretical Computational Methods for Understanding of Photochemical Processes** at School of Chemical Sciences IACS, Jadavpur, Kolkata- 700032.

Essential Qualifications:

Candidates should have a **Ph.D. in Chemical Sciences** with consistently good academic records (preferentially specialization in physical chemistry) and experience in theoretical chemistry and programming.

The project aims to understand photochemical processes through method developments and applications of accurate theoretical methodologies. For this purpose, good programming skills especially in Fortran, C++ languages are required.

Additionally, candidates should have detailed knowledge in quantum mechanics, model Hamiltonian, linear algebra etc.

Research Area: Development and Applications of Theoretical Computational Methods for Understanding of Photochemical Processes

Fellowship: As per Rules of IACS

Application close Date: **08/09/2023**, 5.00 PM. (Two weeks from the date of publication on the IACS website)

Remarks: Shortlisted candidates will be informed via email.

Email intimation would be sent to applicants prior to the date of interview.

Duration: This post is purely temporary for one year.

Interested candidates with the above qualification and experience are requested to apply with updated CV by emailing it to Prof. Debashree Ghosh (pcdg@iacs.res.in).