

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

Advt. No. BJ/SCS/64

Date: 30-09-2026

IACS is looking for a Research Associate (RA-1) in The School of Chemical Sciences (Theoretical and Computational physical chemistry)

Applications are invited for a RA-I position under the supervision of Dr. Biman Jana, School of Chemical Sciences, Indian Association for the Cultivation of Science in a DBT sponsored research project (Bio-AI hub project) entitled “AI- Guided Engineering of DNA Aptamers Against Dengue Virus NS5 Protein (BT/PR65384/BIOAH/164/172/2026)”. Last date for receiving the application is 14/10/2026.

Name of the post: Research Associate-I (RA-1)

Number of post: One (01)

Broad Research Area: Computational Bio-Physical Chemistry

Specific Research Area: Generative AI model development for Biomolecular interactions (AI guided DNA(Aptamer)/RNA(Aptamer)/peptide/antibody prediction for high affinity interaction targeted with DNA/RANA/proteins). Theoretical/computational biophysical chemistry knowledge is also desirable (MD simulation, enhanced sampling, docking simulations, etc.)

Essential Qualifications:

A candidate should have first class or high second class in B.Sc. & M.Sc. degrees in Chemistry/Physics/Biotechnology/or any other relevant subject areas with minimum average marks of 55% and has obtained a Ph.D. degree or submitted thesis recently. Candidate should have research experience supported by publications in peer-reviewed journals in the field of Generative AI model development for Biomolecular interactions. Knowledge of theoretical/computational physical chemistry, preferably in the area of biophysical chemistry is desirable.

A selected candidate who is yet to receive Ph.D. degree may join only after the submission of documentary proof of the thesis submission. Such candidates will draw a fellowship amount as appropriate to a bridge fellowship as per the rules of IACS and will be eligible to receive the full RA-I fellowship from the award date of the doctoral degree, supported by documentary proof.

Fellowship: As per rules of IACS.

Tenure of Fellowship: 1 year from the date of joining as RA-I, which may be extended till the the date of completion of the project (~2 years) based on performance to be reviewed by progress monitoring committee. The candidate will have no right to claim (explicit or implicit) any post in the institute.

The interested candidates should send their complete resume (mentioning email address and phone number) to Dr. Biman Jana via email (pcbj@iacs.res.in) on or before **5 PM, 14/10/2026**. Applications received after this date will not be considered.

Shortlisted candidates will be notified regarding the interview date and time via email to attend the offline/online Interview. For further details and clarifications, if any, the candidates may contact:

Dr. Biman Jana, Professor, School of Chemical Sciences, Email: pcbj@iacs.res.in

Registrar