

JNC/AO/No.05/2026

January 29, 2026

Nomination for Ramanujan Fellow

Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), a premier research institution under the aegis of the Department of Science and Technology, GoI and a Deemed-to-be-University invites applications from Indian nationals seeking nomination for applying to Ramanujan Fellowship. If awarded, the Centre will provide necessary administrative and basic R&D infrastructure support for the fellowship duration; the rest of the terms will be as per the fellowship norms. The Centre will be under no obligation to offer regular positions to the Fellows.

Currently, applications are sought by the New Chemistry Unit (NCU) (<https://www.jncasr.ac.in/research/research-units/new-chemistry-unit>) from individuals with a proven track record of high-quality research in frontier areas of Chemical Sciences with emphasis on the broad areas of Advanced Materials and Chemical Biology, to nominate for Ramanujan Fellow. Highly motivated candidates who complement the ongoing research programs of the Unit or bring novel expertise or research perspectives are invited to apply. The successful candidate is expected to develop and maintain an active independent research program, mentor master's and Ph.D. students jointly with regular faculty, and contribute to teaching and outreach activities of the Unit.

Number of Positions: 02

Subject Area and Eligibility

Ph.D. in relevant areas with at least two years of post-doctoral experience, high-quality publications, and strong academic credentials.

Relevant Research Areas

1. **Advanced Materials**: Quantum Materials–Based Solid-State Chemistry and Devices (Spin liquids, superconductors, skyrmions, ferroelectrics, strongly correlated electron systems, charge density waves, spintronics, etc.). A strong background in materials synthesis, structural characterization, and transport/magnetic measurements is highly desirable.
2. **Chemical Biology**: Glycobiology, Biophysical Chemistry, Biomaterials, Tissue engineering/Regenerative Medicine, Synthetic Biology, Metabolic Engineering-gut-brain axis.

Short listing Criteria

A panel of experts will initially screen candidates, followed by seminars and interactions with Unit faculty members for those short-listed. The final candidate on the shortlist will receive a host institution endorsement/sponsorship certificate.

How to apply

Please send the following documents as a single PDF file to Chair, NCU at Email id: **chair_ncu@jncasr.ac.in**

1. Curriculum Vitae
2. Completed fellowship application. Please include a detailed statement of your future research programme in case the fellowship application is not yet open.
3. PDFs of three most significant (not necessarily measured by JIF) publications, along with a brief statement of impact of each paper.
4. A statement of teaching interests that details what courses you would like to teach, any prior teaching experience, and any other relevant information.
5. Name and contact information of at least three referees.

Applications are invited all throughout the year.

Sd/-
Administrative Officer