



## जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र

जक्कूर, बेंगलुरु - 560064 कर्नाटक, भारत

विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान  
सम विश्वविद्यालय संस्थान

## Jawaharlal Nehru Centre For Advanced Scientific Research

Jakkur, Bengaluru - 560064 Karnataka, INDIA

An autonomous institution under Department of Science and Technology, Govt. of India.  
An Institution Deemed-to-be-University



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JNC/AO/12/2022

December 05, 2022

### **Nomination for Ramanujan Fellowship**

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 nominations for applying to Ramanujan Fellowships. If awarded, the Centre will provide necessary administrative and basic R&D infrastructure support for the duration of the fellowship; 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 **Engineering Mechanics Unit**, JNCASR and the specific requirements are:

#### **Unit: Engineering Mechanics Unit (EMU)**

#### ***Eligibility***

PhD in relevant areas of Engineering (Mechanical, Chemical, Aerospace) or Physics as detailed below, followed by adequate post-doctoral and/or industrial experience, demonstrating independent research capability, with high-quality publications and strong academic credentials.

#### **Relevant Research Areas:**

Climate Modelling, Systems Science, Computational sciences, Biophysics/mechanics, Fluid/Solid mechanics, Geophysics, Atmospheric Sciences, Planetary and Astrophysical dynamics, Complex fluids including Active Matter, Quantum Computing

Candidates are expected to maintain an active externally funded research program, mentor graduate students and a strong commitment to graduate teaching.

#### ***Short listing Criteria***

Candidates will be short-listed based on seminars and interactions with Unit faculty members. Short-listed candidates will be provided with a host-institution endorsement/sponsorship certificate.

### ***How to apply***

Please send the following documents as a single PDF file to Chair, EMU at Email id: chair\_emu@jncasr.ac.in and emuoffice@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.

**Last date to receive applications: December 31, 2022.**

Sd/-  
Administrative Officer