

**JNCASR invites applications from individuals seeking nominations for Ramanujan/
Ramalingaswami/ Inspire Faculty/ DBT Wellcome Trust Intermediate Fellowships**

Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), a premier research institution under the aegis of the Department of Science and Technology, Govt of India and a Deemed-to-be-University invites applications from Indian nationals seeking nominations for applying to Ramanujan/Ramalingaswami/Inspire Faculty/DBT Wellcome Trust (Intermediate) Fellowships. If selected for the fellowship award, the Centre will provide necessary administrative and basic R&D infrastructural facilities 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.

Eligibility: Ph.D. in the relevant area, minimum 2 years post-doctoral experience, high-quality publications, and high academic credentials.

Departments/Units currently seeking applications are CPMU, EIBU, and EMU. 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. Unit specific information is given below.

Chemistry & Physics of Materials Unit (CPMU)

CPMU will support individuals with an excellent academic record to apply for **Ramanujan/INSPIRE** fellowship(s) to carry out research in frontier areas of materials. Preference will be given to applicants whose research interests complement and provide a new dimension to the Unit's current activities. Selected fellow(s) will carry out independent research, using the experimental and computational facilities available in the Centre, and teach Integrated Ph.D. and graduate students. The fellow(s) will be allowed to take one or two Ph.D. students jointly with permanent faculty of the Unit. For details about current research activities and facilities available, please visit <http://www.jncasr.ac.in/cpmu>

How to apply: Please send the completed fellowship application, including the following information, in pdf format to the email ids cpmuchair@jncasr.ac.in, cpmuoffice@gmail.com

1. List of publications in chronological order
2. List of courses that you can teach
3. Names and email addresses of three referees
4. Two page research plan including specific experimental/computation facilities and lab space required

Last date to receive applications: January 14, 2021

Evolutionary and Integrative Biology Unit (EIBU)

The Evolutionary and Integrative Biology Unit will support individuals with an excellent academic record to apply for **Ramanujan/ Ramalingaswami/ Inspire Faculty/ DBT Wellcome Trust Intermediate** fellowships in the field of evolutionary and organismal biology. The Unit seeks applications from individuals with a proven track record of high quality research in the broad areas of ecology, evolutionary biology, or animal behaviour, a demonstrated ability to think and research independently, and a strong interest in and passion for teaching and mentoring. We would like to hear from people doing field-based, lab-based, or theoretical research, and especially those employing combinations of the three, relating to the

functioning of organisms in an ecological context and/or how such functionality evolves. Applicants with strengths that complement the expertise of existing faculty and thus add a new dimension of research to the Unit while maintaining a synergy with the existing programmes will be preferred. The successful candidate is expected to maintain an active externally funded research programme, teach two courses per year, and mentor graduate students jointly with permanent faculty.

How to apply: Please send the following documents as a single PDF file to Prof. T.N.C. Vidya (Chair, EIBU), Email id: tncvidya.lab@gmail.com

1. Completed fellowship application.
2. PDFs of your three most significant (not necessarily highest impact) publications, along with an explanation of why you rate them so.
3. A statement of teaching interests that details what courses you would like to teach, any prior teaching experience, and any other relevant information.
4. Names and email addresses of at least three referees.

Last date to receive applications: January 14, 2021

Engineering Mechanics Unit (EMU)

EMU will support individuals with an excellent academic record and a proven track record of high-quality research to apply for **Ramanujan** fellowship. EMU invites individuals working in the areas of mechanics (fluid or solid), system science, computational sciences, biomechanics, fluid/solid mechanics relevant to geodynamics, atmospheric science, planetary and astrodynamics, and having a passion for teaching and mentoring. Applicants with strengths that complement the expertise of existing faculty and thus add a new dimension of research to the Unit while maintaining a synergy with the existing programmes will be preferred. The successful candidate is expected to maintain an active externally funded research programme, teach 1 or 2 courses per year, and mentor graduate students jointly with other faculty members of the Unit. Candidate will have Doctoral degree in the relevant area of Engineering or Physics, followed by a post-doctoral and/or industrial experience, demonstrating independent research capability.

How to apply: Please send the following documents preferably as a single PDF file, to the email ids, chair_emu@jncasr.ac.in, chairemujncasr@gmail.com

1. Completed **Ramanujan fellowship** application.
2. PDFs of your **3 to 5** most significant (not necessarily highest impact) publications, along with an explanation of why you rate them so.
3. A statement of teaching interests that details what courses you would like to teach, any prior teaching experience, and any other relevant information.
4. Names and Contact information along with email addresses of at least **3** referees.

Last date to receive applications: January 14, 2021

Sd/-
Administrative Officer