



## 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



**Advertisement No: JNC/AO/No.07/20022**

**July 21, 2022**

The Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) is a premier research institution under the aegis of the Department of Science and Technology, Government of India, and Deemed-to-be-University. Known for interdisciplinary research, the Centre is equipped with state-of-the-art research and teaching facilities and provides excellent support to its faculty members in achieving ambitious goals of their research. For details about the current research activities, please visit <https://www.jncasr.ac.in/>

JNCASR invites applications from Indian scientists for faculty positions in any of the following frontier areas of research:

- ❖ Emerging Materials; Additive Manufacturing and 3D Printing; Ultrafast Pump-Probe Spectroscopy
- ❖ Inorganic Materials Chemistry; Molecular Spectroscopy; Theoretical Chemistry
- ❖ Experimental Quantum Materials; Materials Synthesis through Artificial Intelligence
- ❖ Theory of Self-assembly and Nonequilibrium Phenomena; Data Science Techniques and Applications
- ❖ Climate Modelling, System Science, Computational Sciences, Biomechanics, Astrophysical Fluid Dynamics, Complex Fluids including Active Matter, Geodynamics
- ❖ Eco-evolutionary Epidemiology; Co-evolutionary Dynamics; Community Ecology; or Behavioral Ecology (not including social organization)
- ❖ Computational Biology; Biology of Aging; Microbiology of Host-pathogen Interactions and Immunity; Cell-Cell Interactions; Genetics and Genomic Approaches
- ❖ Mammalian Developmental Neurobiology; Cellular and Molecular Neuroscience; Neurogenetics of Human disorders

**Name of the Post:** Faculty Fellow

**Number of Posts:** 05

**Age Limit:** 35 years (relaxable as per GoI norms)

**Pay Level:** Level 12 plus admissible allowances (as per MHRD norms)

**Eligibility:** Ph.D. in the relevant areas, about 03 years of post-doctoral experience, high-quality publications, high academic credentials, demonstration of skills needed for development of an independent research programme, and effective teaching.

Preference will be given to applicants whose research interests complement and provide a new dimension to the Centre's current research and academic activities, particularly spanning more

than one Units. Selected candidates will carry out independent research and teach students in M.S, Integrated Ph.D. and Ph.D. Programmes.

Short-listed candidates will be further considered based on research seminar(s), pedagogic lecture(s) and interactions with faculty members of the Centre, preferably in-person.

We especially encourage women candidates to apply. Applicants from other under-represented categories are encouraged to apply.

**How to apply:** Please prepare your application package after learning about JNCASR and giving deep thought to how you would suitably fit in as a faculty member in its academic ambiance. An ideal candidate should non-negligible overlap of interest and complementarily with the current faculty. You are welcome to connect with the current Faculty members at the Centre to find more information about their work. Please include following information, in PDF format and email to [dfaoff@jncasr.ac.in](mailto:dfaoff@jncasr.ac.in)

1. Completed application package (word file can be downloaded [https://jncasr-my.sharepoint.com/:w:/g/personal/deanfaculty\\_jncasr\\_ac\\_in/EVdIw0h0tNJAjJkDgchHvVgB7BpI6pf6LAcRMHUztY6Vfg?e=Stfdwm](https://jncasr-my.sharepoint.com/:w:/g/personal/deanfaculty_jncasr_ac_in/EVdIw0h0tNJAjJkDgchHvVgB7BpI6pf6LAcRMHUztY6Vfg?e=Stfdwm))
2. List of publications in reverse chronological order
3. PDF files of 3 most significant (not necessarily most cited) publications
4. A two-page research plan
5. A statement of teaching interests that details what courses you would like to teach, any prior teaching experience, and other relevant information.
6. Names and email addresses of at least three referees who are familiar with your work and will be willing to write a reference letter.

**Terms and conditions:**

- i) The President, JNCASR reserves the right to cancel the entire Advertisement Or part of the Advertisement Or posts, as the case may be.
- ii) Those working in Central/State Govt./Public Sector Undertaking/Government funded Organizations etc., should submit their application THROUGH PROPER CHANNEL.
- iii) Educational qualifications should be from a recognized Board/University/Organization.
- iv) Any canvassing by or on behalf of the candidates or trying political or other outside influence with regard to selection/recruitment shall be a disqualification.
- v) The application should be submitted in the prescribed format only. Incomplete/late and not in prescribed application will be summarily rejected.
- vi) The President, JNCASR reserves the right to accept or reject any /all the applications.
- vii) Applications received after the due date and incomplete applications without required copies of certificates will not be entertained and will be out-rightly rejected.

viii) Travel expenses of the shortlisted candidates for attending the interview from any point within India will be reimbursable as per the Centre's Norms. Provided the travel is undertaken by Government of India authorized Road transport service, Rail, booking of tickets for Air travel should necessarily be made through M/s Balmer Lawrie & Company, IRCTC and M/s. Ashok Travels & Tours.

For any further information related to this advertisement, please contact [deanfaculty@jncasr.ac.in](mailto:deanfaculty@jncasr.ac.in) with a Cc to [dfaoff@jncasr.ac.in](mailto:dfaoff@jncasr.ac.in)

**Last date to receive applications: September 30, 2022**

Sd/-  
Administrative Officer  
JNCASR