



# Jawaharlal Nehru Centre for Advanced Scientific Research

(An Autonomous Institution under Department of Science & Technology, Government of India, an Institution Deemed to be University)  
Jakkur, Bengaluru 560 064

## DST-National Postdoctoral Fellowship in Nano Science and Technology

Applications are invited for the award of 'DST-National Postdoctoral Fellowship in Nano Science and Technology' for pursuing research in frontier areas of Nano Science and Technology. This highly prestigious Fellowship is tenable in Research Institutions/Universities including non-profit R&D Institutions anywhere in India. The Fellowships are awarded under the National Programme for Nano Science and Technology (NPNST) of the Department of Science & Technology, Government of India.

Detailed information regarding eligibility criteria, Fellowships and application format are available at:

<https://www.jncasr.ac.in/announcements/advertisement-dst-national-postdoctoral-fellowship-nano-science-and-technology>



## Indian Institute of Technology, Banaras Hindu University Varanasi 221 005 (UP), India

Advertisement No.: BRNS/Mech/22-23/01

### Research Associate I (RA I)

Applications are invited from Indian nationals for the one post of RA I (consolidated salary: Rs 47,000 per month for the two years 2022–2024) to work in a BRNS, Department of Atomic Energy, Government of India, sponsored research project (Project No: (R&D/SA/BRNS/Mech/22-23/01/374)) at IIT (BHU), Varanasi. The project is entitled 'On the augmentation of heat transfer from the external downward facing convex surface of calendria vessel with nano-texturing'. The post of RAI is purely temporary and coterminous with the project.

**Qualification: Essential:** Ph.D. in Engineering/Science with emphasis on Thermal and Fluid Engineering or Science/Heat and Power Engineering or M.Tech./M.E. in Thermal and Fluid Engineering/Heat and Power/(preferably undergraduate in Mechanical Engineering) with 2 years of the relevant experience.

**Desirable:** Preference will be given to a candidate having hands-on-experience on the experimental, two-phase, heat transfer.

Hard copy of an electronically (computer) typed application on a plain paper, supported with the detailed CV including a list of publications, self-attested copies of all mark-sheets and certificates, and details of any research or other experience, etc. if any, should reach **within 21** (Twenty-One) days of the advertisement, to **Prof. Pradyumna Ghosh**, Department of Mechanical Engineering, Indian Institute of Technology (BHU), Varanasi 221 005. Contact number for exigency: 91-941525 6256.

Candidates are also requested to e-mail the application package (cover letter, CV, certificates, etc.) to the e-mail id: [pghosh.mec@iitbhu.ac.in](mailto:pghosh.mec@iitbhu.ac.in)

Note: No TA/DA or any other expenditures will be paid, if called, for interview.