

Advertisement for the position of Junior Research Fellow in a CSIR-funded research project: 01WS(015)/2023-24/EMR-II/ASPIRE)] at Center for Nano & Material Sciences, Jain (Deemed-to-be University), Bangalore, Karnataka, India, Dated: 03-07-2024

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| About the Institute: Centre for Nano and Material Sciences (CNMS) is a research centre established in 2012 by Jain (Deemed-to-be University). The centre presently has oriented its research in chemistry focusing on nanomaterials, membrane technology, catalysis, electrochemistry, medicinal chemistry, energy materials and smart materials. It offers a critical mass of world class researchers with unique capabilities and expertise in nano-structured assemblies, electrochemical phenomena, catalyst materials integral to energy conversion and storage, sensing technologies, and bio & nano-interfaces. | |
| Applications are invited from Indian nationals for the position of Junior Research Fellow (JRF) in a CSIR funded research project with following details: | |
| Position | Junior Research Fellow (JRF)/Senior Research Fellow (SRF) |
| Number of Vacancy | One |
| Project Title | Single atom photocatalysis embedded in hollow fiber membrane matrices for water treatment s (funded by the CSIR, New Delhi) |
| Department | Centre for Nano and Material Sciences, Jain University |
| Project Tenure | Three years (03 years) |
| Job Description | Research: Candidate is expected to synthesis and characterize Single Atom Catalysts and test its photoactivity Candidate also will be engaged to fabricate hollow fiber membranes and its module for water purification. |
| Essential Qualification | Only Indian citizens are eligible for research fellowship/associateship. M.Sc. in Chemistry, candidate should have obtained at least 55% marks in qualifying degree examination. Preference will be given to CSIR-UGC NET (LS) or GATE qualified candidate. The ability to work closely and collaborate with colleagues is a must. Proficiency in English language is required. |
| Age Limit | The upper age limit for JRF shall be 28 as on the day on which the application is made. |
| Age relaxation | The upper age limit is relaxable upto 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates. The upper age limit is relaxable up to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates. Relaxation in age limit may be considered, in the case of applicants who are suitably qualified and experienced, on the recommendations of the selection committee. |
| Fellowship | The JRF Fellowship is Rs.37,000/-p.m. +HRA and SRF Fellowship is Rs. 42,000/-p.m +HRA and, norms are as per university rule. The salary and appointment terms are consistent with the current rules for PhD degree students. |
| Fellowship duration | Initial appointment for one year, extendable up to 3 years based on performance. Objective of the 3 year's position is number of research articles in peer-reviewed scientific journals, together comprising the PhD thesis leading to the granting of the PhD degree at the Jain (Deemed-to-be University). |
| Last Date | Last date: Position is open only till the above vacancy is filled. |
| Principal Investigator | Prof R Geetha Balakrishna, FRSC, br.geetha@jainuniversity.ac.in https://cnms.jainuniversity.ac.in/Faculty-geetha.htm |

Application Procedure: Send detailed Curriculum Vitae along with statement of research to the PI at Centre for Nano and Material Sciences Jain University, Jain Global Campus 45th km, NH-209, Jakkasandra Post Kanakapura Taluk, Ramanagara-562112, Bangalore, Karnataka (India), email: br.geetha@jainuniversity.ac.in