

## जवाहरलाल नेहरु उन्नत वैज्ञानिक अनुसंधान केंद्र

(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार की स्वायत्त संस्थान - मान्यताप्राप्त विश्वविद्यालय)

**Jawaharlal Nehru Centre for Advanced Scientific Research**

(An Autonomous Institute under Dept. of Science & Technology, Govt. of India - A Deemed University)

जक्कूरपरिसर, बेंगलूरु - 560 064, भारत/ Jakkur Post, Bengaluru - 560 064, INDIA

Advt. No. **CPMU/EMR&Inst/28/23-24**

Date: 26/12/2023

Applications are invited for temporary positions of **Research Associate** and **Junior Research Fellow/Project assistant** to work under the guidance of Prof. G. U. Kulkarni, CPM Unit, JNCASR, Jakkur, Bengaluru, 560 064.

**Position Duration:** Initially, candidates will be offered the positions for six months and may be extended further up to two years based on the performance of the candidate.

### Benefits of working on this project to candidate:

- An opportunity to work in a unique collaborative set-up of the Industry and Research institute environment.
- To contribute to the development of nanomaterial-based AI devices.

Sl. No	Position and Eligibility	Max. Age limit	No. of positions
1.	<b>Junior Research Fellow [JRF] (Remuneration Rs.37,000 plus HRA)</b> <b>Or</b> <b>Project Assistant (Remuneration Rs.25,000 plus HRA)</b>		
	<b>Essential Qualification:</b> BE in Instrumentation or Electronics / Post Graduate Degree in Basic Science with two years of experience. A valid score card in any one of the National Level examinations is necessary. In its absence, a reduced remuneration will be considered.	28 years	02
2.	<b>Research Associate (Remuneration Rs.58,000/- plus HRA)</b>		
	<b>Essential Qualification:</b> Ph.D. in (Physics/Chemistry/Material Science/Nanoscience & Tech. or relevant subject) or equivalent degree or having 3 years of research and development experience after ME/M.Tech (Physics/Chemistry/Material Science/Nanoscience & Tech. or relevant subject) with at least one research paper in Science Citation Indexed (SCI) journals.	35 years	02
<b>Desirable Qualification:</b> Exposure to lithography techniques; experience in working with vacuum systems; Growing thin films; working in the areas of networks/graph theory, small world problems.			

Interested candidates are required to send scan copy of duly filled in Template (available on website) along with scan copies of original testimonials in support of educational qualification, age, experience, publication, etc with brief resume to Prof. G. U. Kulkarni, CPMU through email [gukoffice63@gmail.com](mailto:gukoffice63@gmail.com) latest by 10<sup>th</sup> Jan 2024.



26/12/2023

Signature of the PI with date

**Note:**

- (1) Candidates are required to provide their email address and mobile number.
- (2) Shortlisted candidates may be invited for online/in person interview.
- (3) No TA/DA will be paid for attending the interview in person.
- (4) Those in employment or pursuing Ph.D., must submit 'No Objection Certificate' from the employer/Ph.D. Supervisor.

Sl. No.	Position and Eligibility	Max. Age	No. of Positions
1.	<p>Junior Research Fellow (JRF) (Remuneration Rs.17,000 plus HRA)</p> <p>Or</p> <p>Project Assistant (Remuneration Rs.15,000 plus HRA)</p> <p><b>Essential Qualification:</b> B.E. in Instrumentation or Electronics / Post Graduate Degree in Basic Science with two years of experience. A valid score card in any one of the National Level examinations is necessary. In its absence, a reduced remuneration will be considered.</p>	28 years	02
2.	<p>Research Associate (Remuneration Rs.28,000 - plus HRA)</p> <p><b>Essential Qualification:</b> Ph.D. in (Physics/Chemistry/Materials Science/Technology &amp; Tech. or relevant subject) or equivalent degree or having 3 years of research and development experience after M.Sc./Tech. (Physics/Chemistry/Materials Science/Technology &amp; Tech. or relevant subject) with at least one research paper in Science Citation Index (SCI) journals.</p>	35 years	02