



जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र

जक्कूर पोस्ट, बेंगलूरु - 560064, कर्नाटक, भारत

विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्थान
सम विश्वविद्यालय संस्था

Jawaharlal Nehru Centre For Advanced Scientific Research

Jakkur P.O., Bengaluru - 560064, Karnataka, INDIA

An autonomous institution under Department of Science and Technology, Govt. of India.

An Institution Deemed-to- be-University



Advt. No. CPMU/INST/45/24-25-Research Associate

Date: 27/11/2024

Applications are invited for temporary position of **R&D Assistant/Research Associate** to work under the guidance of Dr. Medha Dandu, Chemistry and Physics of Materials Unit, JNCASR, Jakkur, Bengaluru, 560 064.

Sl. No	Position and Eligibility	Max. Age limit	No. of positions
1.	<p>Research Associate (Remuneration Rs.46,800/- / 58,000/- plus admissible HRA). Remuneration will be fixed based on experience</p>		
	<p><u>Essential Qualification:</u> Ph.D. in Physical Sciences or Engineering fields relevant to Optics, Electronics, or Material Science. Strong academic background in one or more of the following areas:</p> <ul style="list-style-type: none"> • Solid-state physics • Semiconductor devices • Fundamentals of optics <p>with at least one research paper in Science Citation Index (SCI) Journal.</p> <p><u>Desirable Qualification:</u> Hands-on expertise in one or more of the following:</p> <ul style="list-style-type: none"> • 2D material exfoliation and assembly of 2D heterostructures • Operation and maintenance of optical instruments • Electrical and optical characterization techniques • Material characterization methods • Nanofabrication processes <p>Other desirable skills, not mandatory: Experience in cleanroom/Laser lab, Programming skills (Python/Labview/Origin/MATLAB) for data analysis and hardware interfacing, Strong hands-on experience with instrumentation and experimental setups. Ability to independently</p>	35 years	1

manage and execute experimental tasks. Enthusiasm for collaborating in a multidisciplinary research environment.		
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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 Dr. Medha Dandu, Chemistry and Physics of Materials Unit through email medhad@incasr.ac.in latest by 15th December, 2024.

Signature of the faculty member with date

Medha Dandu, 27/11/2024

Note:

- (1) Candidates are required to provide their Skype ID, email address and mobile number.
- (2) Shortlisted candidates may be invited for online 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.