



**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. NCU EMR-44**

**Date: 12.01.2022**

Applications are invited for temporary position of **Research Associate** sanctioned sponsored project based on **CO2 Capture and Utilization** under the Principal Investigator **Prof. Sebastian C. Peter**, New Chemistry Unit, JNCASR, Jakkur, Bengaluru, 560 064.

Sl. No	Position and Eligibility	Max. Age limit	No. of positions
1.	Research Associate-I ( <b>Remuneration Rs.47,000 plus 24% HRA</b> )		
	<p><b>Essential Qualification:</b> PhD Degree in Theoretical Science with at least one research paper in Science Citation Indexed (SCI) journal</p> <p><b>Eligibility:</b> Expertise in DFT and TDDFT calculation of inorganic materials in catalysis, specifically in the field of water splitting, fuel cell, and CO2 reduction. The candidate must have hands-on experience in Quantum Espresso, VASP, Gaussian. Additional Knowledge in VNL, Avogadro, Python, etc.</p> <p><i>Priority will be given to applicants with experimental knowledge.</i></p>	35 years	1

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. Sebastian C. Peter, New Chemistry Unit through email at [vacancy.scpgroup@gmail.com](mailto:vacancy.scpgroup@gmail.com) latest by January 19th, 2022.

Date : 12.01.2022

Signature of the PI

- (1) List of shortlisted candidates will be posted on the Website with interview date.
- (2) Shortlisted candidates will be invited for online interview/technical discussion/personal interaction.
- (3) Those in employment or pursuing Ph.D, must submit 'No Objection Certificate' from the employer/Ph.D. Supervisor (applies to only outside candidates)