



**जवाहरलाल नेहरू उन्नत वैज्ञानिक अनुसंधान केंद्र (ज.ने.उ.वै.अ.के.)**  
**विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार के अधीन एक स्वायत्त संस्था तथा सम विश्वविद्यालय संस्था**  
**Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR)**  
 An Autonomous Institution under Department of Science and Technology, Govt. of India and an Institution  
 Deemed to be University

Advt. No. NCU/EMR/120

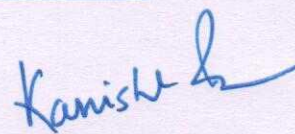
Date: 23.04.2024

Applications are invited for temporary position of **Research Associate** sanctioned in the SERB sponsored project titled "Intrinsically Low Thermal Conductive Metal Chalcogenides for Thermoelectric "Waste Heat" to "Electrical Energy" Conversion" under the Principal Investigator Prof. Kanishka Biswas, New Chemistry Unit, JNCASR, Jakkur, Bengaluru, 560 064.

Position and Eligibility	Max. Age limit	No. of positions
<b>Research Associate (Remuneration Rs. 47,000/- plus 24% HRA). Remuneration will be fixed based on experience</b>		
<p><b>Essential Qualification:</b> Ph.D. in Physics/Chemistry. Those who have submitted their Ph.D. thesis and yet to receive Ph.D. degree may also apply. Candidate should have at least two research papers in Science Citation Index (SCI) Journal.</p> <p><b>Desirable Qualification:</b></p> <ol style="list-style-type: none"> <li>i. Expertise in low temperature (2 – 300 K) thermoelectric properties, <i>i.e.</i>, Seebeck coefficient, electrical conductivity, thermal conductivity and magneto-transport properties measurement and data analysis.</li> <li>ii. Expertise in investigating novel physical properties using scanning probe microscopy and transport spectroscopy.</li> <li>iii. Extensive research experience in the field of Condensed Matter Physics.</li> </ol>	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. Kanishka Biswas, New Chemistry Unit through email [application.biswasgroup@gmail.com](mailto:application.biswasgroup@gmail.com) latest by 10.05.2024.

Date : 23.04.2024

  
Signature of the PI

**Instructions to candidates:**

- (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)