



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/13

Date: 19.04.2021

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/Solid State 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>Expertise in the measurement of low temperature (2 – 200 K) thermoelectric properties, <i>i.e.</i>, Seebeck coefficient, electrical conductivity, thermal conductivity and magneto-transport properties and data analysis.</li> <li>Experience in handling the cryogenic physical property measurement system.</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 30.04.2021.

Date : 19.04.2021

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)

Sl. No.	Age	Education and Experience
		Research Associate (R.A.) in Physical Chemistry. The candidate should have a Ph.D. degree in Physical Chemistry and should have published research papers in international journals. The candidate should have a minimum of 5 years of research experience in Physical Chemistry. The candidate should have a minimum of 5 years of research experience in Physical Chemistry. The candidate should have a minimum of 5 years of research experience in Physical Chemistry.

Interested candidates are required to send a 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 self return to Prof. Krishna Kumar, New Chemistry Unit through email application@chem.uoi.ac.in.

*[Handwritten Signature]*  
Chairman of the Panel

Date: 19.04.2021