



**Department of Chemical Engineering  
University of Calcutta**

**Online interview for one JRF**

**Advertisement for the Post of Junior Research Fellow in DST Sponsored Project**

Applications in the given format are invited for “Online Interview” from Indian Nationals for the following assignment in a purely time-bound research project undertaken in the Department of Chemical Engineering, University of Calcutta, 92 APC Road, Kolkata-700009

1.	Name of the post	Junior Research Fellow (JRF)
2.	Number of Post	One (01)
3.	Name of the Research Project	Engineering of hybrid organic-inorganic perovskite materials for highly efficient photoelectrochemical cells
4.	Name of the Investigators	<b>Principal Investigator (PI):</b> Dr. Subhasis Roy, Assistant Professor, Department of Chemical Engineering, Rajabazar Science college, University of Calcutta. <b>Co-Principal Investigator (CO-PI):</b> Professor Kajari Kargupta, Professor, Chemical Engineering Department, Jadavpur University.
5.	Name of the Sponsoring Agency	DST, Govt. of India
6.	Tenure of Appointment	Initial appointment will be given for one (1) year, and is extendable based on performance till the project completion.
7.	Consolidated monthly compensation	As per DST norms
8.	Essential Qualifications	Post Graduate Degree in Basic Science or Graduate/Post Graduate Degree in Chemical Engineering, Materials Science and Technology, Ceramic Engineering, Energy Science and Tech. or equivalent and other criteria as per DST norms. <b>Desirable:</b> Preference will be given to the candidates having experience in the area of synthesis and characterization of perovskite materials in nano-dimension shape, high functionality device design, and fabrication of solar-cell, photoelectrochemical water splitting, and supercapacitors.
9.	Age	As per DST norms.
10.	Date and time of interview Venue	21st April 2021 (21.04.2021) 2:00 PM onwards Google Meet link will be provided through email to the short listed candidates before the interview.
11.	The candidates are requested to send their Bio-data attached with self-attested copy of supporting documents to the following E-mail address of PI on or before 10 <sup>th</sup> April, 2021. Principal Investigator (PI): Dr. Subhasis Roy, Assistant Professor, Department of Chemical Engineering, Rajabazar Science college, University of Calcutta. <b>Email: <a href="mailto:srchemengg@caluniv.ac.in">srchemengg@caluniv.ac.in</a></b>	

The candidate should produce original of all relevant documents at the time of joining along with one set of attested copies of all documents/ testimonials.

## Format of the Short Bio-data

**Name of the applicant (in block letters):**

**Father's/ Husband's Name:**

**Address:**

**Date of birth:**

**Age as on date of interview:**

**Category: SC / ST / OBC / Minority community / General**

**Sex:**

**Marital status:**

**Contact number:**

**Email id:**

**Academic qualifications:**

Recent  
Passport size  
photograph

Exam passed	School / College	Board / University	Year of passing	Class / Div.	% of marks/ CGPA	Subjects studied
10 <sup>th</sup> Std						
12 <sup>th</sup> Std						
B.Sc./B.Tech						
M.Sc./M.Tech						
Others						

**Details of Employments/ Research (If any)**

Sl. No.	Name of the Organization	Name of the post	Period	Scale of pay and present pay	Nature of duty

**Any other information that may be considered relevant:**

**Name and Contact number of at least one Referee:**

**Signature with Date**

(Candidates are requested to email this bio-data attached with self-attested copy of supporting documents to [srchemengg@caluniv.ac.in](mailto:srchemengg@caluniv.ac.in) on or before 10th April, 2021)