

Advt. No. GC/R&A/GAP0172/AKM/SGD/2021-22(14)

A Walk-in-Interview will be held on **18.01.2022 at 11.00AM** in this Institute to engage bonafide Indian citizen in the following project(s), tenable at CSIR-CGCRI, Kolkata as per details furnished below:

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age (As on date of interview)
<p style="text-align: center;">GAP0172</p> <p style="text-align: center;">“Comparative study on volatility loss of elements in glasses prepared by conventional and microwave heating”</p> <p>Initially upto September 2022, or Co-terminus with the duration of the project, whichever is earlier as well as fund availability.</p>	<p>Junior Research Fellow – 01 No.</p> <p>Stipend – Rs.31,000/- + HRA as admissible p.m</p>	<p>Post Graduate Degree (M.Sc) in Chemistry /Material science. OR BE/B.Tech in Chemical Engineering, Ceramic Technology/Engineering, Metallurgy Engineering, Material Science and Engineering.</p> <p>Preference will be given for a candidate selected through a process described through any one of the following: i) Scholars who are selected through National Eligibility Test- CSIR-UGC NET including lectureship and GATE. ii) The selection process through National Level examinations conducted by Central Government Departments and their agencies and Institutions such as DST, DAE, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.</p> <p>Desirable Qualifications: Candidates with basic knowledge in glass sciences; synthesis of glass by using melt-quenching techniques; characterization of glass, knowledge of chemical analysis will be given preference.</p> <p style="text-align: center;">Age: 28 Years</p> <p>The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped/Female, whereas 3 years in case of OBCs (Non-Creamy layer candidates).</p>
<p>Job requirement:</p> <ul style="list-style-type: none"> <li>• Preparation of glass by conventional and microwave heating.</li> <li>• Wet colorimetric analysis for determination of oxide of element present in glass (particularly B<sub>2</sub>O<sub>3</sub>, Cs<sub>2</sub>O, RuO<sub>2</sub>, PbO etc.</li> <li>• Characterization and evaluation of properties of glass and glass ceramics, Determination of oxidation state of different transition metal ions (Fe, Cr, Cu etc) in glass using tool like UV-Vis-NIR spectroscopy, XPS spectroscopy, Mossbauer spectroscopy.</li> </ul> <p>Ability to execute experiment; conduct related literature survey (both in technical and application oriented) as required; collection and optimization of data before, during and after experimentation; report preparation and presentation in timely manner; ability to work in a tem environment and self-motivated for excellence.</p>		

Interested candidates are requested to attend the above Walk-in-Interview along with Application Form & Bio-Data in the prescribed format as furnished herein-under, duly TYPED (not hand-written) enclosing self attested copies of each supporting documents/certificates.

Separate Application is required, if applied for more than one position(s)/Advt. No(s) as and when applicable.

The original certificates should also be brought with him/her at the time of interview for verification. The candidates should carry copies of their project thesis with them, if any. The candidates should report at least ONE HOUR before the scheduled time of interview for verification of documents. No candidate(s) will be allowed to enter the Institute, if arriving after Reporting Time.

Incomplete applications without prescribed format and supporting documents will be summarily rejected. Candidates who are presently engaged in any Project either in CGCRI or any other Organization/Labs/Instts., should produce the NOC from his/her existing Project Leader, failing which, they will not be allowed to appear in the interview. Candidate(s) with results awaited will not be eligible. Candidate(s) must calculate the percentage from CGPA/DGPA as per the calculation rule of University/Institute (Self Attested copy of the rule to be attached), failing which he/she may not be allowed to appear in the Interview Board. CSIR-CGCRI reserves the right not to fill up the position (s), if it so desired by the Competent Authority. The number of position(s) may increase/decrease, as per the requirement of the Institute. The decision of the Institute shall be final in this regard. Interim enquiries in this respect will not be entertained.

Administrative Officer

**PLEASE SEE THE APPLICATION FORM BELOW:**

**CSIR-CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE**  
196, Raja S. C. Mallick Road, Kolkata – 700 032. website: [www.cgcri.res.in](http://www.cgcri.res.in)  
**APPLICATION FORM**

To  
The Director,  
CSIR-CGCRI,  
Kolkata-700032.

Recent copy of  
passport size  
photograph with  
signature

(Typed Applications will only be allowed)

Subject: Application for the position of:	
Ref: Advt. No.	GC/R&A/
Date of Walk-in-Interview	

1.	Name (in block letter):										
2.	Father's Name:										
3.	Date of Birth:		4.	Age as on last date of receipt of application:	Y	Y	M	M	D	D	
5.	Sex :		6.	Marital Status:		7.	Caste				
8.	Address (Block Letters):										
9.	Mobile No.:		E-mail:								

10. Qualification (**Begin from Class X**)

Examination Passed	Year	Board/University	% of marks *	Specialization
NET/GATE, if yes		Valid upto	Rank	

\*CGPA/DGPA Conversion to Percentage must be supported with self-attested copy of University/Institute Rules.

11. Whether Registered/Awarded for Ph.D., if yes, please give details:

Name of University	Year of Registration	Year of PhD Award

12. Experience, if any, please attach supporting document.

SI No.	Name of Organization	Position/Post Held	From	To	Total Tenure (Year/Month/Days)

13. Do you have any publication in any SCI/Non-SCI Journal (If yes, mention the number):

14. Are you presently engaged in Research Work either in CSIR-CGCRI or any other CSIR Labs/Inst.? If yes, please submit NOC from your present Project Leader/Guide:

15. Have you ever lived in abroad for more than 1 year? If yes mention the country and tenure:

**DECLARATION**

I solemnly declare that (a) all statements made in this application are true, complete and correct to the best of my knowledge and belief and in the event of any information being found false my candidature will be liable to be cancelled, (b) I agree to take this interview/test through MS Teams or through any other online means as per government approved norms, and (c) I agree to take this interview/test at my own risk subject to verification of my eligibility and if subsequently CSIR-CGCRI finds me ineligible for interview/test, the Director, CSIR-CGCRI may cancel my candidature even after finalization of results.

Date:		Place:		Signature:	
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