

**CSIR-CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE**  
(Council of Scientific & Industrial Research)  
196, Raja S. C. Mullick Road, Kolkata-32, website: [www.cgcri.res.in](http://www.cgcri.res.in)

**No.GC/R&A/joint/May/2021**

**Online Applications are invited for Online-Interview** from bonafide Indian citizens in the following purely temporary project(s), tenable at CSIR-CGCRI, Kolkata as per details furnished below. Before sending the applications, please read full contents of this notification for detailed information and guidance:

**Dates of receipt of Applications: 02.06.2021 & 03.06.2021 only**

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
GAP0169 "Facility establishment and development of optical glasses" Tenure: <b>Upto 15.10.2022</b> or Co-terminus with the duration of the project, whichever is earlier	Project Associate-I - 01 No. Stipend – Rs. 25,000/- + HRA as admissible p.m	M.Sc. in Chemistry/Physics Or B.E/B.Tech. Ceramic Technology  Preference will be given to those candidates having 1 <sup>st</sup> Class Degree with some research experience in the respective field.  Age: 35 Years  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).	GC/R &A/ GA P0 16 9/K B/S GD //2 02 0- 21( 37)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
MLP0112 "Development of high-power optical amplifier(1.0 – 5.0 W)" Tenure: Initially upto <b>31.03.2021</b> , likely to be extended upto 31.03.2022, depending upon satisfactory performance of the candidate. or Co-terminus with the duration of the project, whichever is earlier	Project Associate-I - 01 No. Stipend – Rs. 31,000/- + HRA as admissible p.m for NET/GATE qualified candidate Or Rs. 25,000/- + HRA as admissible p.m for Non-NET/GATE candidate	M.Sc in Physics/Applied Physics/Photonics or equivalent degree  Or BE / B.Tech in Photonics/ Optics & Opto-Electronics/ Applied Optics/ Electronics & Communications/ Radio Physics & Electronics or equivalent degree  Knowledge in the field of Fiber Laser and Amplifier is preferred. Preference will be given to those candidates having NET/GATE  Age: 35 Years  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).	GC/R &A/ ML P0 11 2/ MC P/2 02 0- 21( 38)
	Project Assistant – 01 No. Stipend – Rs. 20,000/- + HRA as admissible p.m	3- Year Diploma Course in Electronics/Electronics & Instrumentation  Preference will be given who have experience in fiber drawing and fiber characterizations.  Age limit: 50 years  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).	

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
MLP0309 "High piezoelectric coefficient composites for application as flank array sensors" Tenure: <b>Upto 10.08.2022</b> or Co-terminus with the duration of the project, whichever is earlier	Project Associate-I - 01 No. Stipend – Rs. 31,000/- + HRA as admissible p.m for NET/GATE qualified candidate Or Rs. 25,000/- + HRA as admissible p.m for Non-NET/GATE candidate	M.Sc. in Chemistry(Physical/Inorganic/Analytical)/Physics Preference will be given to those candidates having 1 <sup>st</sup> Class Degree and conversant with wet synthesis route using chemical modifications and spectroscopic technique. Age: 35 Years 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).	GC/R &/ ML P0 30 9/S S/F MD D2 02 0- 21( 39)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
NWP100 "CSIR-integrated skill initiative" Tenure: <b>Upto 31.03.2025</b> or Co-terminus with the duration of the project, whichever is earlier	Project Assistant - 01 No. Stipend – Rs. 20,000/- + HRA as admissible p.m	3-year Diploma in Ceramic Engg Or B.Sc in Chemistry Age: 50 Years 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).	GC/R &/ N WP 10 0/P KS/ RT CD /20 20- 21( 40)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
GAP0364 "Surface Engineered and Self-Programmed smart nonomaterials, Responsive to Threshold Microenvironment, as Biosensing Devices and Drug Delivery Vehicles" Tenure: <b>Upto 02.05.2022</b> or Co-terminus with the duration of the project, whichever is earlier	Project Associate-I - 01 No. Stipend – Rs. 25,000/- + HRA as admissible p.m	M.Sc. in Chemistry(Organic/Inorganic/Physical) Preference will be given to those candidates having 1 <sup>st</sup> Class Degree Age: 35 Years 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).	GC/R &/ GA P0 36 4/A S/F MD D/2 02 0- 21( 41)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
<p>GAP0266</p> <p>“Development and performance characterization of crosslinked beta-cyclodextrin polymer based thin-film composite nanofiltration ceramic membrane”</p> <p>Tenure: <b>Upto 29.12.2023</b> or Co-terminus with the duration of the project, whichever is earlier</p>	<p>Jr. Research Fellow - 01 No.</p> <p>Stipend – Rs. 31,000/- + HRA as admissible p.m</p>	<p>BE/B.Tech in Chemical Engg./Chemical Technology/Material Science and Engg./Nano Science/Tech./Polymer Science &amp; Technology or equivalent with NET/GATE Or ME/M.Tech in Chemical Engg./Chemical Technology/Material Science and Engg./Nano Science/Tech./Polymer Science &amp; Technology or equivalent with NET/GATE Or M.Sc. in Chemistry with NET/GATE</p> <p>Preference will be given to those candidates having 1<sup>st</sup> class Degree with some research experience in the respective field.</p> <p>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>GC/R &amp;A/ GA P0 26 6/A M/ FM DD /20 20- 21( 42)</p>

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
<p>GAP0267</p> <p>“Bioactive glass composites with in-situ electrical stimuli for accelerated bone growth and healing”</p> <p>Tenure: <b>Initially 1 year</b>, likely to be extended upto <b>27.12.2023</b> or Co-terminus with the duration of the project, whichever is earlier</p>	<p>Project Associate-I - 01 No.</p> <p>Stipend – Rs. 31,000/- + HRA as admissible p.m with NET/GATE qualified candidate Or Stipend – Rs. 25,000/- + HRA as admissible p.m without NET/GATE qualified candidate</p>	<p>M.Sc. in Microbiology</p> <p>Preference will be given to those candidates having 1 year research experience in Cell culture, Tissue Engineering and Molecular Biology Techniques etc and having publications in SCI journals.</p> <p>Age: 35 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>GC/R &amp;A/ GA P0 26 7/V KB/ 20 20- 21( 43)</p>

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
<p>GAP0176</p> <p>“Functionalization of Red Mud for Simultaneous Remediation of Fluoride, Arsenic and iron contaminants from water and utilization of waste sludge therefrom in the development of Glass-Ceramic Foam”</p> <p>Tenure: <b>Initially 2 years</b>, likely to be extended upto <b>29.12.2023</b> or Co-terminus with the duration of the project, whichever is earlier</p>	<p>Jr. Research Fellow - 01 No.</p> <p>Stipend – Rs. 31,000/- + HRA as admissible p.m</p>	<p>M.Sc. in Chemistry with NET/GATE Or BE/B.Tech./ME/M.Tech in Materials Science/Materials Engineering/Ceramics/Chemical Engg with GATE</p> <p>Preference will be given to those candidates having 1<sup>st</sup> class degree with basic knowledge in materials synthesis/characterization/waste water treatment/kinetics study.</p> <p>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>GC/R &amp;A/ GA P0 17 6/ MK N/2 02 0- 21( 44)</p>

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
GAP0175 "Design and development of photoacoustic imaging system for clinical research" Tenure: upto <b>07.01.2024</b> or Co-terminus with the duration of the project, whichever is earlier	Research Associate-III - 01 No. Stipend – Rs. 54,000/- + HRA as admissible p.m	ME/M.Tech in Optics/Photonics/Bio-Photonics or equivalent degree with minimum three years experience in the related field of research/teaching/design & development after ME/M.Tech and at least one publication in SCI journal paper Or Ph.D in the relevant field  Preference will be given to those candidates having experience in the field of Bio-photonics/Bio-medical instrumentation or the related field.  Age: 35 Years  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).	GC/R &/ GA P0 17 5/ MP /F OP D/2 02 0- 21( 45)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
GAP0177 "Development of Indigenous Process Technology for the production of Chalcogenide Based Infrared Glasses for Thermal Imagers" Tenure: Initially 1 Year, likely to be extended upto <b>29.12.2023</b> , depending upon satisfactory performance of the candidate or Co-terminus with the duration of the project, whichever is earlier	Project Associate-I - 01 No. Stipend – Rs. 31,000/- + HRA as admissible p.m	BE/B.Tech in Ceramic Tech/Material Engg or equivalent with NET/GATE Or M.Sc in Materials Science/Physics/Chemistry or equivalent with NET/GATE  Preference will be given to those candidates having 1 <sup>st</sup> Class Degree  Age: 35 Years  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).	GC/R &/ GA P0 17 7/K A/2 02 0- 21( 46)
	Project Assistant – 01 No. Stipend Rs.20,000/- + HRA as admissible p.m	B.Sc. in Physics/Chemistry Or 3-year Diploma in Ceramics/Mechanical/Electronics/Instrumentations  Age: 50 Years  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).	

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age, Experience etc.	Advt. No.
GAP0178 "CW/Modulated Thulium Fiber Laser (TFL) System for soft tissue vaporization/Ablation" Tenure: Initially 1 Year, likely to be extended upto <b>29.06.2023</b> , depending upon satisfactory performance of the candidate or	Project Associate-I - 01 No. Stipend – Rs. 31,000/- + HRA as admissible p.m for NET/GATE qualified candidate  Rs.25,000/- + HRA as admissible P.M for Non-NET/GATE Candidate	M.Sc. in Physics or BE/B.Tech. in Photonics/Opto-Electronics/Laser Science/Laser Engineering or equivalent degree  Course work on Fiber Optics is desirable.  Age: 35 Years  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).	GC/R &/ GA P0 17 8/A P/F OP D/2 02 0- 21( 47)

<p>Co-terminus with the duration of the project, whichever is earlier</p>	<p>Project Associate-II - 02 Nos.</p> <p>Stipend – Rs. 35,000/- + HRA as admissible p.m for NET/GATE qualified candidate</p> <p>Rs.28,000/- + HRA as admissible P.M for Non-NET/GATE Candidate</p>	<p>M.Sc. in Physics/ Optics with 2 years experience in R&amp;D in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services</p> <p>Or</p> <p>BE/BTech Photonics/Opto-Electronics/Laser Science/Laser Engineering/ Electronics &amp; Communications or equivalent degree with 2 years experience in R&amp;D in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services</p> <p>2 Years R&amp;D Experience in the field of fiber optics and fiber laser is desirable.</p> <p>Age: 35 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>Project Scientist-I – 01 No.</p> <p>Stipend – Rs.56,000/- + HRA as admissible p.m</p>	<p>Ph.D. (Science/Engineering) in Laser Physics/Fibre Laser/amplifier</p> <p>Experimental Research experience having SCI Journal paper with more than 4 Research related fiber laser and uniformly outstanding academic record and clear potential for high quality R&amp;A work (1st Class/Division above 60% Academic Record (In all examinations) is desirable.</p> <p>Age: 35 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>	

The candidates are requested to send their applications to the following e-mail only, duly typed (No Hand-writing Application will be allowed) in the Application Format as provided (the attachment of application in the e-mail must be in PDF format. Signature and photograph may be filled up by scanning) and also filled by typing the Data-Sheet in Excel-Sheet (soft copy only) as per format provided below:

- E-mail: project.staff@cgcri.res.in

**The dates of sending Applications: 02.06.2021 & 03.06.2021 ONLY. Applications received before or after these stipulated dates will NOT be considered.**

**Tentative date of online Interview through MS-Team: will be notified on the website in due course of time.**

#### General Conditions

- The candidate must mention the position applied for and Project No. **ONLY** in the subject of the E-mail.
- The application should be attached only in PDF format and the Data-Sheet should be attached in Excel format only.
- Incomplete applications/different format other than as mentioned above will be summarily rejected.**
- Eligible applicants will be interviewed online and the date and time of online interview will be intimated in due course of time. They are requested to follow the CGCRI website regularly for any update.
- Based on the performance of the candidates, Selection Committee will recommend final selection and may also make Panels for future engagement.
- Only online application form needs to be submitted and no further attachment. However, scanned copy of all the certificates/testimonials need to be kept ready during the online interview which may be sought for preliminary verification. However, the original documents will be required after final selection/wait-listing, subject to verification of eligibility as per Advertisement and if subsequently CSIR-CGCRI finds ineligible for the position, the Director, CSIR-CGCRI, reserves the right to cancel the candidature even after finalization/publication of results.
- Applications for multiple positions should be submitted separately for each position. No combined application will be entertained.
- The date for determining age/qualification and experience shall be the last date of submission of online application.**
- If huge numbers of applications are received, the applications will be screened for short-listing the number of applications, as per criteria fixed by the Competent Authority.**
- Mere fulfilling of minimum qualification by itself would not entail any right to to be called for interview.**
- The above positions are purely temporary and co-terminus with the aforementioned projects. The engagement in these projects will not confer any right implicit or explicit on the candidate for consideration for regularization against any CSIR/CGCRI post(s).
- The number of positions against the various projects can vary at the time of selection depending on the requirement of the Institute.
- 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.**
- Applicants are requested to check CGCRI website from time to time for any further update in this regard.

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.**

**Sr. Controller of Administration**

**PLEASE SEE BELOW FOR APPLICATION FORMAT & DATA SHEET**

**APPLICATION FORM**

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

Recent copy of passport size photograph
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(to be attached in PDF format only)

Subject: Application for the position of:	
Ref: Advt. No.	GC/R&A/

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.

Sl 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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Data-Sheet

(to be submitted in MS-excel format only)

Advt. No.	Name of the candidate	Date of Birth	E-mail	Mobile No.
		DD/MM/YYYY		