

# 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/Dec./2016

A Walk-in-Interview will be held on **23.12.2016 at 11-00 A.M** at 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	Position, Stipend & Tenure	Qualification & Age (as on 01.11.2016)	Advt. No.
RSP4042 "Technological Intervention and training of artisans in terracotta sector of West Bengal"	Project Assistant-I -01 No.  Rs.15,000/- + HRA p.m  Tenure: upto: 31.03.2017  Or  Co-terminus with the duration of the project, whichever is earlier	B.Sc. in Chemistry/Diploma in Ceramics with at least 55% marks or equivalent CGPA/DGPA  Age: 28 Years.  The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/OBC/Women/Physically Handicapped.	GC/R&A/RSP4042/SSM/2016-17(32)
GAP0240 "Development of novel biomedical implants with enhanced reliability"	Research Associate-I -01 No.  Rs.36,000/- + HRA p.m  Upto: 22.07.2017  Or  Co-terminus with the duration of the project, whichever is earlier	PhD (Science i.e. Physics/Chemistry)/Engineering (i.e., in Mechanical Engineering/Metallurgical Engineering/Metallurgical and Materials Engineering/Bio-medical Engineering/Ceramic Engineering/Materials Engineering)/Tech. (i.e., in Materials Technology/Ceramic Technology/Nanotechnology) or equivalent degree or having at least 3 years of research/teaching/design/development experience after M.E/M.Tech (i.e., in Mechanical Engineering/Metallurgical Engineering/Metallurgical and Materials Engineering/Ceramic Engineering/Nano Science and Technology/ Bio-medical Engineering/Ceramic Engineering/Materials Engineering/Nanotechnology) with at least one research paper in the SCI Journal. It will be highly preferred if the candidate has some experience in nanomechanical testing especially nanoindentation and nano-tribology of thin films, bulk materials, composites, coatings etc. as well as in evaluation of micro/nano mechanical properties with some illustrative proof of expertise  Age: 36 Years.  The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/OBC/Women/Physically Handicapped.	GC/R&A/GAP0240/AKM/2016-17(30)
MLP0301 "Paper-based Ceramic Separator for Lithium-ion Battery Applications"	Project Assistant-II -01 No.  Rs.25,000/- + HRA p.m  Tenure: upto: 18.07.2018  Or  Co-terminus with the duration of the project, whichever is earlier	M.Sc. in Chemistry (Inorganic/Physical) with at least 55% marks or equivalent CGPA/DGPA  Or  B.E/B.Tech. in Ceramic/Polymer/Materials Science with at least 55% marks or equivalent CGPA/DGPA  Age: 30 Years.  The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/OBC/Women/Physically Handicapped.	GC/R&A/MLP0301/RNB/2016-17(33)
NWP0056 "Inovative Solutions for Solar energy Storage"	Project Assistant-II -01 No.  Rs.25,000/- + HRA p.m  Tenure: upto: 31.03.2017  Or  Co-terminus with the duration of the project, whichever is earlier	M.Sc. in Chemistry (Inorganic/Physical) with at least 55% marks or equivalent CGPA/DGPA  Or  B.E/B.Tech. in Ceramic/Polymer/Materials Science with at least 55% marks or equivalent CGPA/DGPA  Age: 30 Years.  The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/OBC/Women/Physically Handicapped.	GC/R&A/NWP0056/RNB/2016-17(34)

Interested candidates are requested to attend the above Walk-in-Interview along with Application Form & Bio-Data in the prescribed format as given hereunder, duly **TYPED (not hand-written)** all the columns enclosing self attested copies of each supporting documents/certificates. **Separate Application is required, if applied for more than one position(s)/Advt. No(s)**. 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. 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 before the interview.** *Candidates who are waiting for final result, will not be eligible for appearing before the interview board.* **The tenure of the above positions is co-terminus with the duration of the project.** CSIR-CGCRI reserves the right not to fill up the position (s), if it so desires or may increase/decrease the number of position, as the case may be. The decision of the Institute shall be final in this behalf. **Interim enquiries in this respect will not be entertained.**

Administrative Officer

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Advt. No.GC/R&A/MLP0201/GAP0244/DS/2016-17(31)

A Walk-in-Interview will be held on **23.12.2016 at 11-00 A.M** at this Institute to engage bonafide Indian citizen in the following project, tenable at CSIR-CGCRI, Kolkata as per details furnished below:

Project No. & Project Title	Position, Stipend & Tenure	Qualification, Age (as on 1.11.2016) and Job Responsibility
MLP0201  Development of Reaction Bonded Silicon Nitride Ceramic Radome	Project Assistant - II-1No.  Project Assistant - III-2Nos.  Research Associate-I – 1 Nos.  Rs.25,000/-+HRA p.m (PA-II)  Rs.28,000/-+HRA p.m (PA-III)  Rs.36,000/-+HRA p.m (RA-I)  Tenure: Initially for 6 months, likely to be extended upto 18 <sup>th</sup> July, 2018	PA-II M.Sc in Physics/Chemistry(Inorganic/Physical)/Electronics/Optics/Photonics with at least 55% marks or equivalent CGPA/DGPA Or BE/B.Tech in Mechanical/Chemical/Ceramic/Metallurgy/Materials/Production/Laser Science/Tech or equivalent/Nanotechnology/Nanoscience/Tech/Nanoengineering or equivalent/Optics/Phntronics Engg./Tech. With minimum 55% marks or equivalent CGPA/DGPA  PA-III M.Sc in Physics/Chemistry(Inorganic/Physical)/Electronics/Optics/Photonics with at least 55% marks or equivalent with 2 years experience Or BE/B.Tech in Mechanical/Chemical/Ceramic/Metallurgy and /or Materials Engg./Production/Laser Science/Tech or equivalent/Nanotechnology/Nanoscience/Tech/Nanoengineering or equivalent/Optics/Phntronics Engg./Tech. With minimum 55% marks or equivalent with 2 years of experience Or ME/M.Tech. in Mechanical/Chemical/Ceramic/Metallurgy/Materials/Production/Laser & Electrical Engg or Laser Science/Tech or equivalent/Nanotechnology/Nanoscience/Tech/Nanoengineering or equivalent/Optics/Phntronics Engg./Tech. With minimum 55% marks or equivalent DGPA/CGPA.  RA-I ME/M.Tech. Mechanical/Chemical/ Ceramic/Metallurgy and/or Materials Engg./Biotechnology/Production/Laser Science/Laser Technology/ Laser & Electrical Engg or equivalent/Nanotechnology/Nanoscience/ Nanotechnology/Nanoengineering or equivalent/Optics/Phntronics Engg./Tech. With minimum 55% marks or equivalent DGPA/CGPA with 2 years of experience. Or Ph.D in Science (Physics/Chemistry) or Ph.D in Engg. (Mechanical/Chemical/Ceramic/Metallurgy/Materials/Production/Laser Science/Laser Technology or equivalent/Nanotechnology/ Nanoscience/Nanotechnology/Nanoengineering or equivalent/Optics/Phntronics Engg./Tech.  Job Responsibility for PA-II, PA-III & RA-I: sample preparation and analyses, operation of sophisticated instruments. Working towards products and deliverable in time bound manner, attending to work on remote locations in India. RAs are expected to frame research ideas independently and lead a team.  Age: 30 Years (PA-II) 35 Years (PA-III & RA-I) The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/OBC/Women/Physically Handicapped.
GAP0244  Development of Reaction Bonded Silicon Nitride Ceramic Radomes	Jr. Research Fellow – 02 Nos.  Rs.16,000/-+HRA p.m  Initially 1 Year, likely to be extended till September, 2018	BE/B.Tech in Mechanical/Chemical/Ceramic/Metallurgy/Materials/ Production/Laser Science/Laser Engg./Laser Tech/ Laser & Electrical Engg or equivalent with minimum 55% marks or equivalent CGPA/DGPA OR M.Sc. in Physics/Chemistry/Electronics with minimum 55% marks or equivalent CGPA/DGPA  Desirable: Basic understanding of R&D activities on synthesis of advanced ceramic materials and thermal, mechanical characterization. Knowledge of date analysis and handling different software tools for date analysis. Exposure to synthesis of inorganic and ceramic materials, slip chemistry with slip casting, exposure to characterization tools such as rheology and operation of DSC/TGA/DTA,FTIR etc.  Age: 28 Years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/OBC/Women/Physically Handicapped.

Interested candidates are requested to attend the above Walk-in-Interview along with Application Form & Bio-Data in the prescribed format as given hereinunder, duly **TYPED (not hand-written)** all the columns enclosing self attested copies of each supporting documents/certificates. **Separate Application is required, if applied for more than one position(s)/Advt. No(s)**. 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. 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 before the interview.** Candidates who are waiting for final result, may also be provisionally eligible for appearing before the interview board, subject to production of final result within a specified time-limit, before joining, if selected. **The tenure of the above positions is co-terminus with the duration of the project.** CSIR-CGCRI reserves the right not to fill up the position (s), if it so desires or may increase/decrease the number of position, as the case may be. The decision of the Institute shall be final in this behalf. **Interim enquiries in this respect will not be entertained.**

Administrative Officer

**See application format below**

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## APPLICATION FORM & BIO-DATA

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

Recent  
Passport size  
photograph  
With signature  
on it

Subject: Application position of \_\_\_\_\_

Ref: Advt. No. \_\_\_\_\_

Date of Interview: \_\_\_\_\_

- Name (In Block letter): \_\_\_\_\_
- Father's Name: \_\_\_\_\_
- Date of Birth : \_\_\_\_\_ 4. Age as on  
(\_\_\_\_\_): \_\_\_\_\_ Years \_\_\_\_\_ Month(s) \_\_\_\_\_ Day(s)
- Sex : Male/Female (strike out whichever is not applicable) 6. Marital Status: \_\_\_\_\_
- Corresponding Address (BLOCK LETTER): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ PIN \_\_\_\_\_

8. Mobile No. \_\_\_\_\_ E-mail: \_\_\_\_\_

9. Caste (SC/ST/OBC/PH etc.) \_\_\_\_\_

10. Qualification:

Examination Passed	Year of Passing	Board/University	% of marks obtained	Subjects taken

11. Whether Registered for Ph.D, if yes, please submit details in support of your claim (use separate pages): \_\_\_\_\_

12. Experience, if any (separate page may be used for more details with supporting documents): \_\_\_\_\_

13. Do you have any publication in any SCI/Non-SCI Journal (YES/NO): \_\_\_\_\_, if yes, furnish copies of the same

14. Are you presently engaged in any of Research Work either in CSIR-CGCRl or any other CSIR Labs/Instts, if yes, please submit NOC from your present Project Leader/Guide:

15. Were you previously engaged in any Research/Project Work, if yes, please submit details (use separate sheet)

### 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 at my own risk subject to verification of my eligibility and if subsequently CSIR-CGCRl finds me ineligible for interview/test, the Director, CSIR-CGCRl may cancel my candidature even after finalization of results.

**FULL SIGNATURE OF THE CANDIDATE**

Dated: \_\_\_\_\_

Place: \_\_\_\_\_