CSIR-CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE

(Council of Scientific & Industrial Research)

196, Raja S. C. Mullick Road, Kolkata-32, website: www.cgcri.res.in

No.GC/R&A/joint/Dec/2020

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:

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
MLP0404 "Development of Low Carbon MgO-C Refractory for Clean Steel Production" Tenure: Upto 31.03.2022 or Co-terminus with the duration of the project, whichever is earlier	Project Associate-I - 01 No. Stipend – 1) Rs.**31**,000/- + HRA p.m who are selected through NET/NET-LS/GATE 2) Rs.25,000/- + HRA p.m who does not have NET/NET-LS/GATE	BE/B.Tech. in Ceramic Engg./Chemical Engg/Metallurgical Engg Or M.Sc. in Inorginic Chemistry Upper Age limit : 35 Years The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates). **Desirable** Experience in the area relevant to the project is desirable.	GC/R&A/MLP0404/HST/2020-21(8)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age (As on last date of receipt of application)	Advt. No.
GAP0373 "Energy Storage Platform on Batteries" Tenure: Initially **2 years**, likely to be extended upto **19.08.2024**, depending upon satisfactory performance of the candidate Or Co-terminus with the duration of the project, whichever is earlier	**Junior Research Fellow** -01 No. .31,000/- + HRA as admissible p.m	B.E/B.Tech. in Ceramics/Metallurgy and Materials Engg/Materials Science or equivalent with valid GATE Or M.Sc. in Physics/Chemistry(Inorganic/Physical) with valid NET/GATE/NET-LS Age: 28 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/GAP0373/MWR/2020-21(9)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
MLP0110 "Development of ultra-low expansion glass-ceramic from low cost resources for application in cook-top panel of LPG gas oven" Tenure: Upto **31.03.2022**, Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -01 No. .25,000/- + HRA as admissible p.m	M.Sc. in Chemistry Or BE/B.Tech. (Ceramic) Age: 35 years. Preference will be given to those candidates having research experiences in the field of Materials Science. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0110/SM/SGTD/2020-21(10)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
GAP0174 "Synthesis and Characterization of Rare Earth Ion Doped Ferroelectric Glass-ceramic Nanocomposities for Photonic, Energy Storage and Memory Application" Tenure: Initially 1 Year, likely to be extended upto August, 2023 depending upon satisfactory performance of the candidate. Or Co-terminus with the duration of the project, whichever is earlier	**Junior Research Fellow** -01 No. □.31,000/- + HRA as admissible p.m	M.Sc. in Chemistry/Physics Or BE/B.Tech. in Materials Science, Ceramic Tech./Engg./Materials and Metallurgical Engg. Age: 28 years. Preference will be given to those candidates having research experiences in Glass Science/synthesis of glass by melt-quenching techniques/characrization of glass/glass-ceramics.. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/GAP0174(BRNS)/ARM/2020-21(11)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
GAP0169 "Facility establishment and development of optical glasses" Tenure: Upto 15.10.2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -01 No. □.25,000/- + HRA as admissible p.m	M.Sc. in Chemistry/Physics Or BE/B.Tech. in Ceramic Technology Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/GAP0169/KA/2020-21(12)
	Project Assistant -03 Nos. □.20,000/- + HRA as admissible p.m	B.Sc. in Chemistry Or Diploma (3-year course) in 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 and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
CLP0309 "Development of Solid Oxide Electrolyser Cell for Hydrogen Generation" Tenure: Intially 4 months, likely to be extended upto 17.02.2022, depending upon satisfactory performance of the candidate Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-II** -01 No. □.35,000/- + HRA as admissible p.m (For valid NET/GATE candidate) or □.28,000/- + HRA as admissible p.m (Without NET/GATE candidate)	M.Sc. in Chemistry (Inorganic/Physical)/Physics with valid NET/GATE with 2 years experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services in the area related to the activity of the project. Or BE/B.Tech. in Ceramic Engg./Chemical Engg. or Tech./Materials Sc.& Engg. or Tech. with valid NET/GATE with 2 years experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services in the area related to the activity of the project. Those candidates with relevant 2 years experience, who do not have valid NET/GATE, may also apply. However, stipend will be Rs.28,000/- + HRA as admissible p.m. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/CLP0309/JM/2020-21(13)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
MLP1401 "Development of abiodegradable and biocompatible nanoceramics/bioactive glass-polymer composite material with anti-bacterial properties for use in female sanitary hygiene products." Tenure: Upto March, 2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-II** -01 No. □.28,000/- + HRA as admissible p.m	M.Sc. in Chemistry/Materials Sc./Microbiology with 2 years experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services in the area related to the activity of the project. Or BE/B.Tech. in Biotechnology/Chemical Engg./Materials Engg. with 2 years experience in R&D in Industrial and Academic Institutions or S&T Organizations and scientific activities and services in the area related to the activity of the project. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP1401/MM/2020-21(14)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
MLP0106 "Microwave melting of glass: A potential method for tailoring glass properties." Tenure: Upto March, 2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -01 No. □.31,000/- + HRA as admissible p.m (with valid NET/GATE qualification) otherwise □.25,000/- + HRA as admissible p.m	M.Sc. in Chemistry (Inorganic/Physical)/Materials Sc. with valid NET/GATE Or BE/B.Tech. in in Chemical Engg./Tech./ Ceramic Engg./Tech./Materials Science & Engineeding with valid NET/GATE Those candidates, who do not have valid NET/GATE, may also apply. However, stipend will be Rs.25,000/- + HRA as admissible p.m. Candidates with basic knowledge in glass science, microwage heating, synthesis of glass by using melt-quenching techniques, characterazation of glass, knowledge of chemical analysis will be given preference. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0106/AKM/2020-21(15)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
MLP0108 "Development of thermally stable and antimicrobial bioactive glass based bone graft material." Tenure: Upto March, 2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -01 No. □.31,000/- + HRA as admissible p.m	M.Sc. in Material Science/Physics/Chemistry with valid NET/GATE Or BE/B.Tech. in Ceramic Tech./Engg./Material Engg/Tech. with valid 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 and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0108/KB/2020-21(16)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
HCP0030 "White light emitting polycrystalline powder/glass/glass-ceramic/phosphor-in-glass (PiG) composites for energy efficient and thermally stable W-LEDs." Tenure: Initially **9 minths**, likely to be extended upto June, 2023 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -01 No. □.31,000/- + HRA as admissible p.m	M.Sc. in Material Science/Physics/Chemistry with valid NET/GATE Or BE/B.Tech. in Ceramic Tech./Engg./Material Engg/Tech./Electronics or equivalent with valid NET/GATE Preference will be given to those candidates having 1st 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 and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/HCP0030/AT/SGD/2020-21(17)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt. No.
SSP0153 "Development and testing of laser control card for pulsed fiber laser source" Tenure: Initially **3 minths**, likely to be extended upto 27.04.2021 Or Co-terminus with the duration of the project, whichever is earlier	**Senior Project Associate** -01 No. □.42,000/- + HRA as admissible p.m	BE/B.Tech. in Electronics & Communications or equivalent degree with 4 years research experience in the related field of fiber laser and associated electronics development. Preference will be given to those candidates having 1st class Degree. Desireable: Knowledge for development of electronics card for controlling laser source, research experience in the field of Fiber Laser. Age: 40 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/SSP0153/MP/FOPD/2020-21(18)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt No.
MLP0109 "Efficient supercontinuum sources in the Mid-IR and Visible-NIR using Photonic Crystal Fibers: Innovative Solutions for Deep-penetration and Ultrahigh-Resolution OCT" Tenure: Initially **upto 31.03.2021**, likely to be extended upto 31.03.2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -01 No. □.31,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.25,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc in Physics//Electronics Or BE/B.Tech. in Photonics/Opto-Electronics/Electronics & Communications/Electronics & Instrumentation/Materials Sc. or equivalent degree. Preference will be given to those candidates having 1st class Degree and research experience in fiber optics, fiber laser, photonic crystal fiber nonlinear optics. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0109/DG/FOPD/2020-21(19)
	Project Associate-II -01 No. □.35,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.28,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc in Physics//Electronics with 2 years research experience in the field. Or BE/B.Tech. in Photonics/Opto-Electronics/Electronics & Communications/Electronics & Instrumentation/Materials Sc. or equivalent degree. With 2 years research experience in the field. Preference will be given to those candidates having 1st 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 and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	

MLP0105 "Multicomponent glass based optical fibers for Vis-MIR photonic Applications" Tenure: Initially **upto 31.03.2021**, likely to be extended upto 31.03.2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -02 Nos. □.31,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.25,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc in Chemistry (Physical/Inorganic/Applied)/Physics Or BE/B.Tech. in Chemicsl Engg./Material Sc./Ceramic Tech. or equivalent Preference will be given to those candidates having 1st class Degree and research experience in the field of Glass Sc./Specialty optical fiber fabrication process along with Rare-earth(RE) doped material synthesis.. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0105/MCP/2020-21(20)
HCP0030 "Development of advanced nano-engineered specialty optical fibers for OCT application" Tenure: Initially **upto 31.03.2021**, likely to be extended upto 31.03.2023 Or Co-terminus with the duration of the project, whichever is earlier	**Sr. Project Associate – 01 No.** □.42,000/- + HRA as admissible p.m	M.Sc in Chemistry (Physical/Inorganic/Applied) with 4 years research experience in the relevant field. Or Doctoral Degree in Chemistry (Physical/Inorganic/Applied) from recognized University Preference will be given to those who have experience on fabrication and characterization of Cr and Bi doped fibers. Age: 40 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/HCP0030/MCP/2020-21(21)

Project No. & Project Title and Tenure	**Position, No. of Positions, Stipend**	**Essential Qualification, Age**	**Advt No.**
MLP0107 "Demonstration of Pulsed Fiber Laser Sources for Additive Manufacturing and Precision Material Processing" Tenure: Initially **upto 31.03.2021**, likely to be extended upto 31.03.2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-II** -02 Nos. □.35,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.28,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc in Physics/Chemistry/Photonics or equivalent degree with 2 years research experience in the relevant field Or BE/B.Tech. in Photonics/Optics/Opto-Electronics/Applied Optics/Electronics & Communications/Radio Physics & Electronics/Chemical Engg/Material Sc. or equivalent degree with 2 years of research experience. Preference will be given to those candidates having experience in the field of Fiber Laser and Amplifier, Laser Physics. Fabrication of optical fiber and characterization. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0107/MP/FOPD/2020-21(22)
	Sr. Project Associate – 01 No. □.42,000/- + HRA as admissible p.m	M. Sc. In Physics/Photonics or equivalent with 4 years research experience in rhe relevant field. Or BE/B.Tech. in Photonics/Optics/Opto-Electronics/Applied Optics/Electronics & Communications/Radio Physics & Electronics or equivalent degree with 4 years research experience in the relevant field. Or Ph.D in Science/Engg/Tech. from a recognised University/Instt. Preference will be given to those candidates having experience in the field of Fiber Laser and Amplifier, Non-linear Fiber Optics. Age: 40 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	

	Project Assistant – 02 Nos. □.20,000/- + HRA as admissible p.m (increament of 15% for 3 years of experience)	B.Sc. in Physics Or 3-Year Diploma in Electronics/Electronics & Telecommunication/Mechanical Engg. or equivalent degree Preference will be given who have experience in electronics circuit designs, Controller ckt for diodes, CAD design, Thermal management issue Age: 50 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	
MLP0111 "Development of Fiber Bragg Grating Long Gauge Sensor for SHM" Tenure: Initially **upto 31.03.2021**, likely to be extended upto 31.03.2022 Or Co-terminus with the duration of the project, whichever is earlier	Project Associate-I – 01 No. □.31,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.25,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc. in Physics/Electronics Or B.E/B.Tech in Photonics/Opto-Electronics/Electronics & Instrumentation/Electronics & Communications/Material Sc. Or equivalent 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 and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0111/NBM/2020-21(23)

Project No. & Project Title and Tenure	**Position, No. of Positions, Stipend**	**Essential Qualification, Age**	**Advt No.**
MLP0308 "Development of an array based low temperature sensing device for early detection of multiple diseases by monitoring exhaled breath." Tenure: Initially **upto 31.03.2021**, likely to be extended upto 31.03.2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-I** -01 No. □.31,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.25,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc in Physics/Electronics Or BE/B.Tech. in Electronics & Communications/Electronics/Electronics & Telecommunications/Material Science or equivalent degree Preference will be given to those candidates having 1 Class degree and experience in the field of Instrumentation, circuit development and fabrication, communication and prototype development. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0308/MP/FMDD/2020-21(24)
	Project Associate-I -01 No. □.31,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.25,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc in Physics/Chemistry/Materials Science Or BE/B.Tech. in Material Science/Electronics & Instrumentation/Electronics & Communications or equivalent degree Preference will be given to those candidates having 1 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 and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	

HCP0030 "Development of WO3/Graphane nanocomposite thin films for electronic display" Tenure: Initially **upto 31.03.2021**, likely to be extended upto 31.03.2023 Or Co-terminus with the duration of the project, whichever is earlier	**Project Associate-II** -01 No. □.35,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.28,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc in Physics/Chemistry/Material Sc. or equivalent degree with 2 years research experience in the relevant field Or BE/B.Tech. in Material Sc/Electronics & Instrumentation/Electronics & Communications or equivalent degree with 2 years of research experience. Preference will be given to those candidates having 1st Class Degree and experience in the field of Analytical/Physical Chemistry. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/HCP0030/SK/2020-21(25)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt No.
GAP0374 "Novel boron-rich B-C, B-O and B-P phases for sensing application in harsh environment: establishing correlation between charge-density distribution and sensing property" Tenure: Initially 1 Year, likely to be extended **upto 09.02.2023** Or Co-terminus with the duration of the project, whichever is earlier	**Jr. Research Fellow** -01 No. □.31,000/- + HRA as admissible p.m	M.Sc in Materials Science/Physics/Chemistry with NET/GATE Preference will be given to those candidates having 1st Class Degree with some research experience in the relevant field. Age: 28 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/GAP0374/SM/FMDD/2020-21(26)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt No.
GAP0244 "Development of Reaction Bonded Silicon Nitride Ceramic Radomes" Tenure: **upto 30.04.2021** Or Co-terminus with the duration of the project, whichever is earlier	**Project Assistant – 02 Nos.** □.20,000/- + HRA as admissible p.m	B.Sc. Or 3-year Diploma in Engineering & Technology Age: 50 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/GAP0244/RB//2020-21(27)
	Project Associate-I – 01 No. □.31,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.25,000/- + HRA as admissible p.m (For Non-NET/GATE) p.m	M.Sc. in Chemistry (Inorganic/Physical/Analytical/Applied)/Physics Or BE/B.Tech in Materials Engg./Material Science & Engg./Material Science & Technology/Materials Science & Metallurgical Engg./Metallurgical Engg/Ceramic Engg./Ceramic Tech./Mechanical Engg.	
	Or **Project Associate-II – 01 No.** □.35,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) □.28,000/- + HRA as admissible p.m (For Non-NET/GATE)	M.Sc. in Chemistry (Inorganic/Physical/Analytical/Applied)/Physics Or BE/B.Tech in Materials Engg./Material Science & Engg./Material Science & Technology/Materials Science & Metallurgical Engg./Metallurgical Engg/Ceramic Engg./Ceramic Tech./Mechanical Engg. With 2 years exp. in R&D in Industrial & Academic Instts. Or S&T Organizations & Scientific activities & services. Age: 35 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt No.
MLP0307 **"Advanced majufacturing of Nanofinished Ceramics and Hard Alloy components by Laser Assisted Ductile Mode Machining"** Tenure: **Initially for** 6 **Months likely to be extended upto** 31.03.2022 Or Co-terminus with the duration of the project, whichever is earlier	**Project Assistant-I – 01 No.** .31,000/- + HRA as admissible p.m (For NET/GATE qualified candidate) .25,000/- + HRA as admissible p.m (For Non-NET/GATE)	BE/B.Tech in Mechanical/Mechanical & Automation/Manufacturing/Production or equivalent Age: **35** years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/MLP0307/SG/ACCD/2020-21(28)
GAP0171 **"Novel glass-based solid electrolytes with high conductivity for room-temperature rechargeable Na-ion batteries"** Tenure: **Initially for** 1 **year, likely to be extended upto** 14.03.2022 Or Co-terminus with the duration of the project, whichever is earlier	**Jr. Research Fellow** -01 No. .31,000/- + HRA as admissible	M.Sc in Physics/Chemistry(Inorganic/Physical)/Materials Science. with NET/GATE or BE/B.Tech. in Materials Engg. with NET/GATE Preference will be given to those candidates having 1st Class Degree with some research experience in Glass science and Na-ion battery materials, synthesis of glass by using melt-quenching techniques, characterization of glass materials. Age: 28 years. The upper age limit is relaxable upto 5 years in case of candidates belonging to SC/ST/Physically Handicapped/Visually Handicapped and Female whereas 3 years in case of OBCs (Non-Creamy layer candidates with validity of certificate)	GC/R&A/**GAP0171/AAR**/2020-21(29)

Project No. & Project Title and Tenure	Position, No. of Positions, Stipend	Essential Qualification, Age	Advt No.
HCP0030 "Development of Silicon Carbide/ Oxycarbide based Materials for Direct White Light Emission Application" Tenure: (i) For Project Associate-I and Project Assistant **Initially 6 months**, likely to be extended upto **30.06.2023** (ii) For Senior Project Associate **Initially 6 months**, likely to be extended upto another **3 months**, 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 – (i) Rs. 31,000/- + HRA As admissible p.m for Scholars who are selected through a) National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or b) A selection process through National level examinations conducted by Central Govt. Departments and their Agencies Institutions OR (ii) Rs.25,000/-+HRA As admissible p.m for others who do not fall under (i) above.	M.Sc in Chemistry (Inorganic/Physical/Analytical/Applied)/ Physics Or BE/B.Tech in Materials Engg./Material Science & Engg./ Material Science & Technology/ Materials Science & Metallurgical Engg./ Metallurgical Engg./ Ceramic Engg./ Ceramic Technology/ Nano Science/ Nano Technology/ Nano Science & Technology/Electronics & Instrumentation or equivalent. 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/HCP0030/DS/2020-21(30)
	Project Assistant-01 No. Stipend-Rs.20,000+ HRA As admissible p.m	B.Sc./ 3 years Diploma in Engineering & Technology 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).	

	Senior Project Associate - 01 No. Stipend – Rs. 42,000/- + HRA As admissible p.m	M.Sc in Physics with 4 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services Or BE/B.Tech in Materials Engg./Material Science & Engg./ Material Science & Technology/ Materials Science & Metallurgical Engg./ Metallurgical Engg./ Ceramic Engg./ Ceramic Technology/ Nano Science/ Nano Technology/ Nano Science & Technology with 4 years' experience in Research and Development in Industrial and Academic Institutions or Science and Technology Organisations and Scientific activities and services. OR Doctoral Degree in Physics/ Materials Engg./Material Science & Engg./ Material Science & Technology/ Materials Science & Metallurgical Engg./ Metallurgical Engg./ Ceramic Engg./ Ceramic Technology/ Nano Science/ Nano Technology/ Nano Science & Technology from a recognized University or equivalent Age: 40 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	Advt No.
HCP0030 "Development of Flexible Piezo-Sensor Platforms for Engineering Critical Applications" Tenure: **Initially 6 months**, likely to be extended upto 30.06.2023, 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 – (i) Rs. 31,000/- + HRA As admissible p.m for Scholars who are selected through a) National Eligibility Tests- CSIR-UGC NET including lectureship (Assistant Professorship) or GATE or b) A selection process through National level examinations conducted by Central Govt. Departments and their Agencies Institutions OR (ii) Rs.25,000/-+HRA As admissible p.m for others who do not fall under (i) above.	M.Sc in Chemistry (Inorganic/Physical/Analytical/Applied)/ Physics Or BE/B.Tech in Materials Engg./Material Science & Engg./ Material Science & Technology/ Materials Science & Metallurgical Engg./ Metallurgical Engg./ Ceramic Engg./ Ceramic Technology/ Nano Science/ Nano Technology/ Nano Science & Technology/Electronics & Instrumentation or equivalent 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/HCP0030/DS/2020-21(31)
	Project Assistant-01 No. Stipend-Rs.20,000+ HRA As admissible p.m .	B.Sc./ 3 years Diploma in Engineering & Technology 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).	

The candidates are requested to send their applications to both the following e-mails only, duly typed (No Hand-writing Application will be allowed) in the Application Format as provided and also filled by typing the Data-Sheet in Excel-Sheet as per format provided below:

- project.staff@cgcri.res.in
- projectinterview20@gmail.com

The dates of sending Applications: 09.12.2020 & 10.12.2020 ONLY. Applications received before or after these stipulated dates will NOT be considered.

Publication of eligibility list: 15.12.2020

Query if any, to be submitted by the applicant by 17.12.2020 before 5-00 p.m.

Tentative dates of online interview: 21st to 23rd December, 2020

Cutoff date for Age, Qualification: As on Last Date of sending application i.e 10.12.2020

General Conditions

1. The candidate must mention the position applied for and Project No. **ONLY** in the subject of the E-mail.
2. The application should be attached only in PDF format and the Data-Sheet should be attached in Excel format only.
3. **Incomplete applications/different format other than as mentioned above will be summarily rejected.**
4. 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.
5. Based on the performance of the candidates, Selection Committee will recommend final selection and may also make Panels for future engagement.
6. 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.
7. Applications for multiple positions should be submitted separately for each position. No combined application will be entertained.
8. The date for determining age/qualification and experience shall be the **last date of submission of online application**.
9. 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).
10. The number of positions against the various projects can vary at the time of selection depending on the requirement of the Institute.
11. ***Candidate(s) with results awaited will not be eligible.***
12. **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.**

Controller of Administration

PLEASE SEE BELOW FOR APPLICATION FORMAT & DATA SHEET

CSIR-CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE

196, Raja S. C. Mallick Road, Kolkata – 700 032. website: www.cgcri.res.in

APPLICATION FORM

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

Recent copy of passport size photograph

Subject: Application for the position of: (JRF, PA etc.):	
Ref: Advt. No. GC/R&A/:	

1.	Name (in block letter):										
2.	Father's Name:										
3	Date of Birth:		4.	Age as on date of advertisement:		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:	

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		