



Advt. No. CPMU/Project-06/22-23

Date: 31st Mar 2022

**Advertisement for various project positions under a Technology Project jointly among
JNCASR-Bangalore, CeNS-Bangalore, IIT-Jodhpur
and HHV-Bangalore (*Industry Partner*)**

Technology Project: Scalable coating of metal oxides on hybrid transparent electrodes and fabrication of smart window devices, funded by TDT/DST (duration: 3 years)

Principle Investigators: Prof. G. U. Kulkarni (JNCASR), Dr. Ashutosh K. Singh (CeNS), Dr. Ritu Gupta (IITJ), Dr. M. G. Sreenivasan (HHV)

Position Duration: Initially, selected candidates will be offered for six months and the tenure may be extended for the project duration based on on the performance and availability of funds.

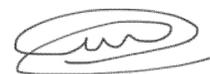
Benefits of working in the project:

- Unique collaborative set-up between Research institutions and Industry.
- To gain experience working in a highly sophisticated instrumentation.
- To contribute to the development of a new technology.

| Sl. No | Position and Eligibility | Max. Age limit |
|--------|---|----------------|
| 1. | Junior Research Fellow [JRF] (Remuneration Rs.31,000 plus HRA) | |
| | Essential Qualification: Post Graduate Degree in Basic Science OR Graduate/Post Graduate Degree in Professional Course with valid score in any one of the National Level examination | 28 years |
| 2. | Senior Research Fellow [SRF] (Remuneration Rs.35,000 plus HRA) | |
| | Essential Qualification: Same as mentioned above for JRF with two years of research experience Desirable Qualification: Experience in electrochemical measurements and knowledge about vacuum systems will be preferred. | 32 years |

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|----|--|----------|
| 3. | Research Associate (Remuneration Rs.47,000/- plus HRA) | |
| | <p>Essential Qualification: Ph.D. in (Physics/Chemistry/Material Science/Nanoscience & Tech. or relevant subject) or equivalent degree or having 3 years of research and development experience after ME/M.Tech (Physics/Chemistry/Material Science/Nanoscience & Tech. or relevant subject) with at least one research paper in Science Citation Indexed (SCI) journals.</p> <p>Desirable Qualification: Experience in electrochemical device fabrication, coating processes (PVD, spray, spin) and knowledge about vacuum systems will be preferred.</p> | 35 years |

Interested candidates may send duly filled in template (available on website) in pdf format, along with pdf copies of testimonials in support of educational qualification, age, experience, publication (if any), etc. with a brief resume to Prof. G. U. Kulkarni, CPMU through email gukoffice63@gmail.com latest by 17th April 2022.



Signature of the PI with date

Note:

- (1) Candidates are required to provide their Skype ID, email address and mobile number.
- (2) Shortlisted candidates may be invited for online interview.
- (3) No TA/DA will be paid for attending the interview in person.
- (4) Those in employment or pursuing Ph.D, must submit 'No Objection Certificate' from the employer/Ph.D. Supervisor.

General Terms and Conditions:

- The position is purely temporary and on a contractual basis and renewable each year subject to satisfactory performance for a maximum of three years. The positions are co-terminus with the project.
- Candidates selected for JRF or SRF positions can also apply for the regular PhD program of the respective partner institution (JNCASR, CeNS) provided they satisfy the eligibility criteria of the respective institution.