



Central University of Tamil Nadu
தமிழ்நாடு கெந்திரிய விஸ்வவித்யாலயம்
Department of Physics
Electronics and Energy Materials Research Laboratory

Advertisement for Junior Research Fellow in CSIR Funded Research Project

Applications are invited from interested and motivated candidates for the post of Junior Research Fellow (JRF) in a time bound research project for a temporary period, purely on contractual basis as per the following details.	
Position	Junior Research Fellow (JRF)
Number of vacancy	JRF-1
Project title	Development of an efficient and reusable photocatalyst based on ferroelectric-metal nanoparticles decorated 2D materials heterostructured thin films
Department	Department of Physics, Central University of Tamil Nadu
Project tenure	3 Years (From the project start date)
Job description	The main responsibility of the JRF is to work and develop ferroelectrics-metal nanoparticles decorated transition metal dichalcogenide (TMD) heterostructures for enhanced photocatalytic activity by combining the intrinsic properties of individual layers such as spontaneous polarization of ferroelectric layer, high surface to volume ratio and porosity of TMDs, and plasmonic property of MNPs.
Essential qualifications	JRF: B.S. 4 year programme/Integrated B.S-M.S./M.Sc. (Physics) /B.E./B.Tech. or equivalent degree, with 55% marks and passing of NET-LS/GATE test. (Please refer to CSIR-HRDG website for details. www.csirhrdg.res.in)
Age limit	JRF-28yrs.
Age relaxation	The upper age limit is relax-able up-to to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	Junior Research Fellow (JRF) – Rs. 37,000/- p.m.
Online link to apply	https://forms.gle/oNLxpEPKfk96RL7B6
Last date of application	08.11.2023, 5.00 pm
Project Code	03/1485/23/EMR-II

Application Process: Candidates fulfilling the above qualifications are encouraged to apply using the online link provided above and send a single PDF file of the documents to Principal Investigator (PI) email. Based on the academic merit, skills, research experience the candidates will be shortlisted for attending the interview. The date of interview will be informed, through email, only to the shortlisted candidates. The decision of the selection committee is final.

For any further information, please contact:

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