



Central University of Tamil Nadu

தமிழ்நாடு கेंद्रीय विश्वविद्यालय

SCANMAT CENTRE

Advertisement for Junior Research Fellow/Project Assistant in SERB Funded Research project

Applications are invited from interested candidates for the post of Junior Research Fellow/Project Assistant at the Simulation Center for Atomic and Nanoscale MATerials (SCANMAT) Central University of Tamil Nadu for a Science and Engineering Research Board (SERB) funded Research Project under the scheme of Core Research Grant (CRG) Vide File No. **CRG/2020/001399**.

Name of the post	Junior Research Fellow/Project Assistant
Name of the project	Designing high efficiency thermoelectrics from high entropy half Heusler alloys using defects and disorder engineering Description: This project will apply new and powerful techniques, to the search for high efficiency thermoelectric materials. This approach will merge computational modelling based on Density Functional Theory (DFT) and related techniques, high-throughput calculations at supercomputing centre, data mining and collaboration with experimental research group.
Funding Agency	SERB – Core Research Grant
Principal Investigator	Prof. P. Ravindran
Project Code	CRG/2020/001399
Minimum qualifications	JRF: M.Sc(Physics , Applied Physics, Materials Science, or relevant area with a minimum of 55% marks [50% for OBC (Non-creamy layer)/SC/ST/PWD candidates] and CSIR-NET/GATE/JEST) Project Assistant: M.Sc (Physics, Applied Physics, Materials Science, or relevant area with minimum of 55% marks [50% for OBC (Non-creamy layer)/SC/ST/PWD candidates].
Fellowship	Junior Research Fellow: 31,000/- p.m plus HRA as per the qualifications and CUTN regulations. Project Assistant: Rs 15,000/- p.m consolidated
Number of posts	JRF: 1 or Project Assistant: 2
Tenure	3 Years
Age	Maximum 28 years and relaxable upto to five years for SC/ST/OBC/WOMEN and Physically handicapped candidates.
Online link to apply	https://forms.gle/FUCW3m6FrzzPjLhD6 also submit the complete CV with supporting documents to raviphy@cutn.ac.in
Last date of application	12.07.2021

Application Process: Candidates fulfilling the above qualifications are encouraged to apply using the LINK. Based on the academic merit, skills, research experience the candidates will be shortlisted for attending the online interview. The date of interview will be informed, through email, only to the shortlisted candidates. The qualified candidates may be considered for pursuing their PhD. The decision of the selection committee is final.

For any further information, please contact:

Prof. P.Ravindran (Principal Investigator)

Head SCANMAT center Central University of Tamil Nadu, Thiruvavur 610005

Professor in Department of Physics

Email:raviphy@cutn.ac.in Mobile:**8300178007**

The Research activities of the SCANMATE Center can be found at

<https://folk.universitetetioslo.no/ravi/cutn/people.html>