



Applications are invited for one Junior Research Fellow (JRF) funded by Indian Space Research Organization (ISRO) (GOI-A-337B (174)), at the Department of Scientific Computing, Modeling and Simulation, Savitribai Phule Pune University. Appointment will be made as per availability of suitable candidates for the respective post. Please note that these posts are purely on **temporary** basis and for the stipulated project period.

Duration of the Positions

Initially up to 31 March 2022, likely to be continued for up to next 6 months depending upon the performance and/or continuation of the project.

Position Description (1 Reserved - OBC)

- **JRF (1 Reserved - OBC)**
 - **Eligibility & Necessary Qualification:** M.Sc (Physics and Materials Science) with exposure to solid state physics, condensed matter physics and some programming experience in Fortran, Python, C/C++ and/or Bash. Familiarity with Linux operating system (any flavors) is also recommended. Working experience in the field of computational materials science and *ab initio* electronic structure calculations would be a plus point.
 - **Work Description:** The project is based on computational study of thermal transport properties at nano-scale in materials interesting for thermal barrier coating applications. Exploration of high temperature thermal conductivity models and code development would be undertaken.

Emoluments

- Junior Research Fellow: Rs 31,000/- per month (consolidated)

How to Apply

Plain-paper application, including **Cover letter, Resume/CV and Statement of Purpose (Max 1 Page) and supporting two reference letters** should reach the Department office via email to office@scms.unipune.ac.in within 10 days from the date of publication of this advertisement (Write "**Application for JRF-ISRO post: <Your Name>**" only as email subject).. Resume should include, in the least, *full name, contact information (address, email, phone number), date of birth, educational qualification, reservation category information, relevant experience and names & contact details of two referees*. The reference Letters should reach directly to office@scms.unipune.ac.in / ankita.katre@scms.unipune.ac.in before the deadline with "**Reference <Your name>**" as the email subject.

Selection

Candidates found suitable in preliminary screening will be notified via email, and will be requested to appear for an interview at their own expense. No separate interview call letter will be sent. If no suitable candidate is found from the reserved category the other categories may be considered. The selected candidates are expected to join within one week of the date of the offer.

Date: 27/08/2021

Head
Department of SCMS

Registrar
Savitribai Phule Pune University
Registrar
SP Pune University