



Centre for Modeling and Simulation

SAVITRIBAI PHULE PUNE UNIVERSITY

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Applications are invited for one Project Assistant (PA) under DST-INSPIRE Research Funding (GOI-E-209) at the Department of SCMS, SP Pune University. Appointments 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.

Tenure of the post: Initially up to 30/06/2022, likely to be continued for next one and half years depending upon the performance and/or continuation of the project.

Position Description

- **Project Assistant (1 Unreserved)**

- **Eligibility & Necessary Qualification:** M.Sc (Physics/Materials Science) with strong foundation in solid state physics, condensed matter physics and good programming skills (Python/Fortran/C++). Familiarity with linux operating system (any flavors) is required. Working experience in the field of computational materials science and/or machine learning would be an advantage.
- **Work Description:** The project is based on the application of Machine Learning (ML) in the field of materials science (MS). ML algorithms would be applied on the material-property datasets either generated from *ab initio* electronic structure calculations or extracted from freely available MS databases. Data generation/extraction, cleaning and structuring will be essential parts of the project that require good domain knowledge and coding skills.

Emoluments

- Project Assistant: Rs 25,000/- per month (consolidated)

How to Apply

Plain-paper application, including **Cover letter, Resume/CV (with names of two references) and Statement of Purpose (Max 1 Page)** should reach via email to office@scms.unipune.ac.in and ankita.katre@scms.unipune.ac.in within *20 days from the date of publication* of this advertisement (Write "**Application for PA-ISNAK post: <Your Name>**" only as email subject). Resume should include, in the least, *full name and contact information (address, email, phone number), date of birth, educational qualification, reservation category information, relevant experience and names & contact details of two referees.*

Selection

Candidates found suitable in preliminary screening will be notified via email, and will be requested to appear for an interview online/offline. No separate interview call letter will be sent. The selected candidates are expected to join within one week of the date of the offer.

