



Vidya Academy of Science & Technology (A unit of Vidya International Charitable Trust)
Thalakkottukara PO | Thrissur | Kerala | India | Pin- 680 501

EMPLOYMENT NOTICE

17th Aug 2017

(For Junior Research Fellow)

Applications are invited for the post of Junior Research Fellow (JRF) for the following DST-SERB research project, to be carried out at the above institute. Details of the project and requirements for the JRF position are given below:

Project Details:

1. Title of the project : Determination of energy and momentum accommodation co-efficients for a pressure driven flow in a rarefied medium using molecular dynamics (MD)
2. Project duration : 3 Years

Details of the Post:

1. Post : Junior Research Fellow (JRF)
2. Number of posts : One (01)
3. Monthly Emoluments : ₹ 25000/- (Consolidated)
4. Qualification : M. Tech. in Nanoscience / Nanotechnology / Fluid and Thermal Science / Engineering Design / (M. Tech. in related areas)
5. Duration : 1 Year (Upon successful completion of one year, the position can be extended to the remaining period of the project.) (Based on progress of work in first year, the tenure can be extended to second year and third year)

Brief job description

We are looking for a candidate to perform modelling, simulation and analysis of nanoscale systems. The principal tool used for the study of nanoscale system is the method of molecular dynamics simulations (MD). All the MD simulations for this project will be performed using LAMMPS.

Important:

- Interested candidates may forward their application with updated resume to the Project Principal Investigator : Dr Sooraj Prabha, Mail ID <sooraj.kp@vidyaacademy.ac.in> within 15 days.
- The work / project experience in simulation and analysis of nanoscale systems (using MD) will be considered as an additional qualification.
- The date and time for the interview of the shortlisted candidates shall be intimated via e-mail.
- General service conditions – As per our institute norms and regulations

Dr. Sooraj K. Prabha

Principal Investigator