

Advertisement for the Post of JRF in DST-SERB sponsored project

Applications are invited for the following position in a time-bound research project to be carried out at the Department of Physics, IIT Hyderabad

1	Name of post	Junior Research Fellow (JRF)
2	Project title	Kinetic scale current sheets and wave interactions in space plasma turbulence
3	Duration of project	Initially 1 year with possible extension for 1 more year
4	Monthly compensation	Rs. 31,000 + HRA
5	Required qualification and experience	M. Sc. in Physics/B. Tech. in Engineering Physics or closely related fields with at least 60% marks or equivalent CGPA from recognized institutions
6	Desirable qualifications	Knowledge of plasma physics/space physics and computer programming GATE or CSIR/UGC NET qualified
7	Age limit	Age should not be more than 28 years (relaxation up to 5 years may be considered for SC/ST/OBC/PwD/Women candidates)

About the project: This project will involve numerical simulations and data analysis of turbulent plasmas which are found in the solar environment. The goal is the understand the small-scale structures that form in this plasma and the energy dissipation mechanisms associated with them. Please contact Dr. Kirit Makwana at the email kdmakwana@phy.iith.ac.in for any queries.

Application procedure

- Prepare a single pdf file containing the following information
 - A Curriculum Vitae detailing your education and work history
 - Self-attested Bachelors and Masters mark sheets/transcripts
 - A one-page writeup on your motivation to undertake this project and how you think you can contribute to it
 - Contact details of two references
 - (If available) GATE/NET scorecard
- Email the application file to Dr. Kirit Makwana at kdmakwana@phy.iith.ac.in . Please mention “Application for DST-SERB JRF” as the subject line
- Last date for submission of applications is 27th February 2022

Selection process

- Candidates will be shortlisted based on merit and project requirements
- Shortlisted candidates will be informed via email about interview details
- At the time of interview candidate should bring all the required original documents. No TA/DA will be paid for attending the interview
- The selected candidate will be informed by email and will be required to join immediately



Dr. Kirit Makwana