



### Position available for Junior Research Fellowship

Applications are invited for the position of Junior Research Fellow (JRF) for the period of three years. This position is for a project titled “Organics in meteorites: Understanding the parent body processes in early solar system” funded by the Department of Science and technology, Core Research Grant (DST-CRG) and the post is co-terminus with the project duration.

The project will focus on understanding the effects of thermal metamorphism using dominant organic component (IOM) extracted from various meteorites with a comprehensive model including the organo-mineral interactions. Various analytical techniques such as FE-SEM, C-XANES, FTIR, Raman and NanoSIMS would be used to understand their properties such as the structure, composition, hybridization temperatures reached, isotopic heritage, their petrological correlation and texture of the organics within it.

Post details are given below:

Name of the Post	No. of Vacancy	Age as on last date of application	Qualifications/ Experience	Fellowship per month (Consolidated)
Junior Research Fellowship (JRF)- DST_CRG Project	1	Maximum 26 Years	1. M.Sc/ Mtech. in Physics/Chemistry /Earth Science or equivalent. 2. CSIR-UGC NET including lectureship or GATE <b>Desirable:</b> Experience in instrumentation and large data handling.	Rs. 31,000/- for the first two years and Rs. 35,000/- for the third year + HRA as per prevailing rates

Interested candidate may send a letter of motivation and latest Curriculum Vitae (should include educational qualifications from 10<sup>th</sup> onwards, date of birth, details on NET/GATE exams, research experience if any, internship details, programming skills etc.) along with scanned copies of all the relevant documents through e-mail (with subject “DST-CRG-JRF”) to the project investigator:

Prof. Kuljeet Kaur Marhas  
Planetary sciences Division  
Physical Research Laboratory  
Navrangpura, Ahmedabad- 380 009.  
E-mail: [kkmarhas@prl.res.in](mailto:kkmarhas@prl.res.in)

Last date of receipt of applications: 20<sup>th</sup> September, 2023

#### **Terms & Conditions:**

1. The above position is purely contractual, and for a period of three years upon successful annual evaluation of the candidate.
2. Only shortlisted candidates will be intimated for an online interview.
3. Participation in selection process is subject to possessing relevant original documents substantiating online application submitted by the candidates.