



**BIRLA INSTITUTE OF TECHNOLOGY & SCIENCE – PILANI**  
Pilani Campus  
Rajasthan 333 031, INDIA

**Dr. Kaushar Vaidya, Ph.D.**  
Assistant Professor, Department of Physics

## **Advertisement for a JRF position in an ISRO funded research project**

Applications are invited for a Junior Research Fellow (JRF) to work in an ISRO funded project titled **UV-Guided Study of Blue Straggler Stars in Open Clusters and Galactic Fields** with Dr. Kaushar Vaidya of Department of Physics, BITS, Pilani, Pilani campus.

### **Project**

The successful JRF candidate will pursue research in the field of UV-Astronomy. In particular, the candidate will work with the UV data of the ASTROSAT satellite to study Blue Straggler Stars of open clusters and galactic fields. The project will also involve working with photometric and spectroscopic optical data to investigate the properties of Blue Straggler Stars.

### **Essential Qualification**

M.Sc. in Physics with minimum 60% marks/ 6.0 CGPA. It is expected that the candidate has a sound mathematical background and good academic records. Some experience in coding and knowledge of programming languages such as C/C++ and Python will be considered an asset.

### **Fellowship**

Rs. 25,000/- per month + HRA as per the Institute norms (For NET/GATE qualified candidate)

Rs. 21,700/- per month + HRA as per the Institute norms (For others)

### **Duration and Funding Agency**

Four years (April 2023); ISRO

### **How to apply**

Interested candidates should email the following information to

[kaushar@pilani.bits-pilani.ac.in](mailto:kaushar@pilani.bits-pilani.ac.in)

1. Updated complete CV (with contact details including phone number, email address, postal address, courses studied and grades obtained, summer/winter internships, publications if any)
2. 500-750 word statement of purpose
3. Names of two references

Birla Institute of Technology & Science, Pilani  
Pilani campus, Vidya Vihar  
Pilani 333 031, Rajasthan, India

Phone: 91-1596-515685

Mobile: 91-9649186818

Email: [kaushar@pilani.bits-pilani.ac.in](mailto:kaushar@pilani.bits-pilani.ac.in)

URL: <http://universe.bits-pilani.ac.in/pilani/kaushar/profile>

The complete application should be mailed **on or before May 20<sup>th</sup>, 2019.**

### **Selection Procedure**

Short-listed candidates will be informed the date of personal interview by email. The interview will be conducted at the Pilani campus. No TA/DA will be provided for the interview. The selected candidate is expected to join the JRF position immediately.



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