

## **JRF (PhD) position for ISRO funded project in Multiscale Fracture Mechanics**

The project in atomistic modelling of fracture in amorphous silica (application to Reusable Launch Vehicle (RLV)) requires a Junior Research Fellow (JRF) at BITS, Pilani – KK Birla Goa Campus.

The JRF can register for a PhD degree, to be awarded by BITS Pilani. The duration of the project is 2 years, after which the candidate will be moved to Institute Fellowship for finishing the PhD degree according to the institute rules.

The interdisciplinary nature of the project will entail that the candidate works at both the Goa and Hyderabad campus of BITS Pilani. Only candidates who are comfortable with this mobility should apply.

The fellowship will be according to the [ISRO norms](#) (₹25,000/month).

### **Eligibility**

1. A Master's degree (preferably in Engineering)
2. Knowledge of solid mechanics and atomic scale physics
3. Programming/computational skills

### **How to apply**

Interested applicants should mail their latest CV with transcripts/degrees as a single PDF to

Dr. Gaurav Singh (gauravs@goa.bits-pilani.ac.in) [Homepage](#)  
Assistant Professor: Department of Mechanical Engineering, BITS Pilani (Goa Campus)

with a CC to

Dr. Subhas Ghosal (ghosal@hyderabad.bits-pilani.ac.in) [Homepage](#)  
Assistant Professor: Department of Chemistry, BITS Pilani (Hyderabad Campus)

**Please mention your expected date of joining in the email.**

The position is now open and will close with the selection of a suitable candidate.

February 25 2017