



**Research & Development Cell (RDC)**  
**BIRLA INSTITUTE OF TECHNOLOGY**  
MESRA, RANCHI, 835 215, INDIA  
(Deemed University u/s 3 of UGC Act 1956)

**DEPARTMENT OF SPACE ENGINEERING AND  
ROCKETRY**

**Advertisement for the post of Senior Research Fellow (SRF)/  
Junior Research Fellow (JRF)**

Applications are invited from Indian nationals for the position for Senior Research Fellow (SRF)/Junior Research Fellow (JRF) in ARDB funded research project with following details:

Name of the project	Development of catalyst system for stable combustion of HAN green propellants
Principal Investigator (PI) Along with e-mail id	Dr. Shelly Biswas Assistant Professor, Department of Space Engineering and Rocketry, BIT Mesra, Ranchi, Email id- <a href="mailto:shellybiswas@bitmesra.ac.in">shellybiswas@bitmesra.ac.in</a>
Details of Co-P.I.	Dr. Rajiv Kumar Assistant Professor, Department of Space Engineering and Rocketry, BIT Mesra, Ranchi, Email id- <a href="mailto:rajiv@bitmesra.ac.in">rajiv@bitmesra.ac.in</a>
Duration of the project	Six months (Till 14 June 2024)
Number of Positions	01
Essential qualifications:	JRF: ME/M.Tech in Space Engineering & Rocketry/ Mechanical Engineering/Chemical Engineering/ Aerospace Engineering/ equivalent to these or B.Tech. Degree in Aeronautical/Aerospace/Mechanical/Chemical/ equivalent with GATE qualification. SRF: ME/M.Tech in Space Engineering & Rocketry/ Mechanical Engineering/Chemical Engineering/ Aerospace Engineering/ equivalent to these. An additional 2 years research experience in the relevant field is mandatory. The candidate should have a strong inclination towards research with knowledge of Propulsion and Combustion.
Designation	Senior Research Fellow (SRF)/Junior Research Fellow (JRF)
Age Limit	28 years (JRF)/30 years (SRF) (Relaxation for SC/ST & PH as per GOI norms)
Fellowship	₹ 35,000/- per month for SRF/ ₹ 31,000/- per month for JRF
Interview Date	<b>25<sup>th</sup> January, 2024</b>

- **How to apply:** Interested candidates are requested to send their CV to [shellybiswas@bitmesra.ac.in](mailto:shellybiswas@bitmesra.ac.in) with a copy to [dr.aac@bitmesra.ac.in](mailto:dr.aac@bitmesra.ac.in) before **24<sup>th</sup> January, 2024**. CV must include the mail ID and working phone number along with relevant certificate.
- The candidates would be shortlisted for **online interview** based upon their academic and professional background and will be intimated through email stating the date and time for interview.
- **Terms and Conditions:**
  - i) The decision of the selection committee will be final.
  - ii) The appointment of the candidate will be governed by the terms and conditions of the Institute/ funding agency particularly applicable to the said project as and when required.
  - iii) The post is purely temporary in nature and subjected to availability of funds.
  - iv) No TA/DA will be paid for attending the interview.

  
Registrar