



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

DEPARTMENT OF MATHEMATICS

Advertisement for the post of Junior Research Fellow (JRF)

Applications are invited from Indian nationals for the position for JRF in a ANRF-IRG funded research project with following details:

Name of the project	Nonlinear Dynamics of Fractional Order Systems with Synchronization
Principal Investigator (PI) Along with e-mail id	Dr. Pawan Kumar Shaw Assistant Professor Department of Mathematics Birla Institute of Technology Mesra, Ranchi-835215. Email: pkshaw@bitmesra.ac.in
Details of Co-P.I.	NA
Duration of the project	03 Years
Number of Positions	01
Essential qualifications:	M.Sc. in Mathematics/Applied Mathematics/Mathematics & Computing or equivalent with minimum 60% marks or 6.0 CGPA on a ten-point scale (55% for SC/ST).
Desirable	1. The candidate must have a strong knowledge in the field of Applied Mathematics, particularly in Differential Equations and Numerical Analysis. 2. Candidate with past research experience in the relevant field, proficient in MATLAB programming and desire to pursue a PhD will be given preference.
Designation	Junior Research Fellow
Fellowship	For NET-JRF/NET/GATE: Rs. 37000/pm + HRA for first 2 years, and Rs. 42000/pm + HRA in 3 rd year. For Non-NET/GATE: Rs. 25000/pm +HRA for first 2 years, and Rs. 30000/pm +HRA in 3 rd year.
Interview Date	April 06, 2026

- **How to apply:** Interested candidates are requested to send their CV to P.I. e-mail id (pkshaw@bitmesra.ac.in) with a copy to dr.aac@bitmesra.ac.in before **31.03.2026**. CV must include the mail ID and working phone number.
- The candidates would be shortlisted for **online/offline 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.


Dr. Rajesh Jain

Registrar