



Birla Institute of Technology & Science, Pilani K K Birla Goa Campus

Recruitment of Junior Research Fellow (JRF) in ANRF-SERB-GOI sponsored Research Project

Applications are invited through e-mail for the position of Junior Research Fellowship(JRF) in the Department of Physics at BITS Pilani, K. K. Birla Goa Campus, Goa for a Anusandhan National Research Foundation(ANRF), Science and Engineering Research Board (SERB), Government of India sponsored project titled “*Probing the (P)Reheating Epochs of the Early Universe by Gravitational Waves in Inflationary Models*” (Project Sanction No. CRG/2023/008877)” .

Principal Investigator: Dr. Prasanta Kumar Das

Broad area of Research: Early Universe Cosmology, Gravitational Wave, Cosmic Acceleration and Dark Energy

Duration of the project: 3 Years of appointment will be reviewed every year

Fellowship Amount (Rs.):

- Rs. 37000/- per month plus admissible HRA (as per SERB guidelines) (For NET Qualified Candidates)
- Rs. 31000/- per month plus admissible HRA (as per SERB guidelines) (For non-NET qualified candidates)

Accommodation: Hostel accommodation will be provided subject to availability and will be governed by the rules and regulations of the Institute prevailing at the time of joining of the candidate.

Qualification:

1. M.Sc.(a minimum of 60% in aggregate) in Physics
2. Programming skills in Python/ C++/ FORTRAN will be an added advantage.
3. Scholars who are selected through National Eligibility Tests- CSIR –UGC NET including lectureship (Assistant Professorship) and GATE.
4. The Selection process is conducted through National level examinations conducted by central Government departments and their agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, IIT, IISc, IISER etc.

Documents Required:

- Curriculum vitae in PDF format with detailed academic record along with the scanned copy of the mark-sheets of last qualifying examination
- A copy of valid NET/GATE certificate along with the application
- One page of Statement of Research(SOR).

- One referee's name, affiliation, email and mobile number

How to Apply: Eligible and interested candidates are requested to send a soft copy of complete application, his/her curriculum vitae, NET/GATE certificate and a SOR (one page) to the Principal Investigator (pdas@goa.bits-pilani.ac.in) latest by **31st December 2024**.

Please mention "Application for JRF position under ANRF project " in the subject line.

Please note that

- 1) Candidates will be shortlisted based on the merit and as per the requirement of the project.
- 2) Only shortlisted candidates will be contacted via email for Online/Personal interview to be held at BITS Pilani, K. K. Birla Goa Campus.
- 3) No T.A./ D.A. will be paid for attending the interview.

Selected candidate will get a chance to apply for a PhD degree at BITS Pilani, K. K. Birla Goa Campus (Rules of PhD program for BITS Pilani are applicable).



Prasanta Kumar Das
Professor, Department of Physics



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