



CALL FOR JUNIOR RESEARCH FELLOW (JRF)

Applications are invited from suitable candidates for Junior Research Fellow (JRF) to work on the following project sponsored by ANRF having grant No. ANRF/RJF/2025/000481, under the supervision of **Dr Madhurima Choudhury**, ANRF Ramanujan Fellow, Department of Physics, BITS Pilani Hyderabad campus.

**Title of the project:** Probing the Epoch of Reionization with 21-cm Cosmology using Machine Learning in the SKA Era

**Duration of the project:** 3 years (1+2 years, based on performance)

**Project position and number:** JRF (1 position)

**Fellowship amount:** Rs. 37000/month + HRA as (As per applicable ANRF, India norms/Institute norms).

**Eligibility requirements:** First-class M.Sc. in Physics or BTech/MTech with Physics, Maths and Computer Science. Candidates with a valid GATE/NET score are preferred.

Candidates with good background in Physics, and familiarity with computational methods, are encouraged to apply, Age limit 28 years.

**Application Procedure:** Interested candidates with the above mentioned qualification can apply through this Google form: <https://forms.gle/iVMxqmznYsGy5RBT8> by 15th May, 2026.

The applicants must upload a CV and a cover letter describing your research interests, academic background, and published research papers, if any and send the same via email to [madhurima.choudhury@hyderabad.bits-pilani.ac.in](mailto:madhurima.choudhury@hyderabad.bits-pilani.ac.in).

Please note that only qualified and suitable candidates will be called for an interview. The online interview will be tentatively conducted in the last week of May.

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Regards,

Dr. Madhurima Choudhury

Prof. Sarmistha Banik (H.O.D.)

Department of Physics

BITS Pilani Hyderabad campus

