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IIT Indore

## Annexure A2

Dated: 18/01/2023

### Advertisement for a JRF Positions

Applications are invited from motivated and eligible candidates for one JRF position in the DST-SERB funded research project *Probing galaxy formation and evolution using observations of nearby galaxies*.

The project is under the Startup Research Grant of DST-SERB. This project involves analyzing data from radio telescopes and developing sophisticated algorithms to automatize the process using Machine/Deep Learning techniques. Proficiency in programming languages such as python or Matlab is required. Knowledge of machine learning techniques is desirable but not essential.

**Eligibility:** M.Sc. in Physics or Astronomy or equivalent disciplines with minimum 60% marks with GATE or NET qualification.

Or

B.Tech. degree with 1st class in Computer Science/ ECE / Radiophysics or any other relevant areas.

**Desirable:** Preference will be given to candidates with good computer programming skills (python/Matlab/C/C++). Experience with radio data analysis and Machine/Deep Learning techniques is desirable but not essential.

**Stipend:** Rs. 31,000 + 16% HRA (the candidate will stay outside the campus)

**Duration:** Initial appointment will be for one year, which is extendable up to the duration of the project (about two years).

**How to Apply:** Interested candidates are requested to submit their detailed CV and a 1-page statement of interest to Dr. Narendra Nath Patra, DAASE, Indian Institute of Technology Indore, via e-mail: [naren@iiti.ac.in](mailto:naren@iiti.ac.in) with the

subject line "JRF application for DST-SERB SRG project" latest by January 31st, 2023.

**Note:** CV should include details of academic grades starting from standard X onwards with details of the year of passing, university or institute, etc., and also work experience and nature of work if applicable. Complete details of NET/GATE should be mentioned in the CV. Incomplete applications will be rejected. Only shortlisted candidates will be intimated by email for an interview (via online mode). No TA/DA will be paid for appearing in the interview. Documents in support of educational qualifications and experience certificates must be produced at the time of the selection process.