

Applications are invited from students with an MSc/MTech degree in Physics/Atmospheric Science/Oceanography/Meteorology to apply for **Junior Research Fellow (JRF)** post for the project titled ***“Drivers of Indian summer monsoon variability on annual to decadal time scale in the context of global warming”*** funded by Ministry of Earth Sciences (MoES). This position is purely contractual (temporary), initially for a period of one year, with the possibility of extension for up to 3 years, subject to satisfactory progress and performance.

**Brief description of the project:** This project aims to advance understanding of Indian Summer Monsoon Rainfall (ISMR) variability by identifying its dominant modes across interannual to multidecadal timescales and elucidating the large-scale climate drivers and physical mechanisms governing these variations. Using CMIP6 models and targeted coupled GCM sensitivity experiments, the project further assess how ISMR decadal variability is likely to evolve under global warming across different emission pathways.

**About Atria University:** Atria University is India's first liberal STEM university offering innovative, project-based, and research-focused interdisciplinary degree programs in science, technology, business and design. Atria University stands out for its strong emphasis on cutting-edge research and its vibrant Centers of Excellence, which serve as high-performance hubs fostering innovation in various fields, including AI, Life Sciences, Climate Science, Energy Sciences, and Battery Engineering.

Requirements and specifications are mentioned below:

Name of the post	JRF/Project Associate
Number of posts	02
Name of the project	Drivers of Indian summer monsoon variability on annual to decadal time scale in the context of global warming
Funding agency	Ministry of Earth Sciences (MoES)
Principal Investigator	Dr. Stella Jes Varghese, Assistant Professor
Department	Centre for Climate Change (C3)
Essential qualification	<p>Post graduate degree from a recognized University in Physical Sciences (includes Physics/Atmospheric Sciences/Meteorology/Oceanography) with a minimum of 60% marks (or equivalent grade).</p> <p>Additional qualifications for JRF are: Valid NET or GATE qualification.</p>

	In case a suitable candidate with the above qualification is not found, candidate with a post-graduate degree in the above discipline may be appointed as Project Associate if selected. Emoluments will be as per funding agency guidelines.
Desirable qualification	Experience in handling large climate datasets  Demonstrated skills in computer programming
Fellowship emoluments	Rs. 37,000/- p.m plus admissible HRA  After completion of two years, an assessment by the university will be carried out for upgradation from JRF to SRF.
Age Limit	35 years
Tenure	Initial appointment for 1 year, extendable to 3 years based on performance. The position is purely temporary and co-terminus with the project.
Last date	15 January 2026, 5PM IST

**How to apply:** Fill out this google form before 15 January 2026, 5 PM IST (open in Google Drive PDF Viewer).

[https://docs.google.com/forms/d/e/1FAIpQLSeMjHE81FcyAHqXEkcrz5e\\_Rb8IcnzxtxvtJWEne7yQes1tQ/viewform?usp=dialog](https://docs.google.com/forms/d/e/1FAIpQLSeMjHE81FcyAHqXEkcrz5e_Rb8IcnzxtxvtJWEne7yQes1tQ/viewform?usp=dialog)

**Selection process:** After submission, all applications will be shortlisted based on qualifications, previous experience, and suitability for the project. The shortlisted candidates will be interviewed by a selection committee of faculty members from the department including the principal investigator and external faculty. The selected candidates may be given the opportunity to register for a PhD program.

**Interview shall be conducted online.**