



ADVERTISEMENT FOR THE POST OF JRF

Applications are invited from suitable candidates for the temporary position of a JRF under the ISRO-RESPOND Project at the Center for Atmospheric Studies, Dibrugarh University, Dibrugarh. The initial duration of the post will be 1 year and may be extended based on performance.

Eligibility:

Position	Project Junior Research Fellow
Number of Vacancy	1 (One)
Project Title	<i>Modeling of Total Electron Content (TEC) over the NER Equatorial Ionization Anomaly (EIA) region for navigational applications</i>
Department	Centre for Atmospheric Studies
Project Tenure	3 Years
Job Description	Key responsibilities: Data collection from the NavIC satellite receivers installed in various stations; Analysis of TEC data over all stations; Development of the model and its execution; Development of a mobile app for the access of real time TEC data; Comparison of the output of the model with that of IRI model; Validation of the output result of the model with the real time analysis data from NavIC receivers.
Essential Qualification	PG Degree in Physics/Mathematics/Computer Application or Graduate or Post graduate Degree in any branch of engineering with 55% marks and passing of CSIR-UGC NET or GATE or any National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc.
Desirable	Knowledge of at least one programming language, such as Python, JavaScript, or R. Familiarity with satellite navigation systems, GNSS/NavIC data, and ionospheric TEC analysis. Experience in scientific computing, data visualization, machine learning, or mathematical modeling. Knowledge of mobile application development and real-time data visualization.
Age Limit	28Yrs
Age relaxation	The upper age limit is relax-able up-to 5 years in the case of candidates belonging to scheduled castes/tribes/OBC, women and physically handicapped candidates.
Fellowship	(Rs.37,000/-+ 10% HRA) p.m.

Interested candidates are requested to send an application and resume via email to the address below no later than 26.10.2026. The shortlisted candidates and interview date will be notified soon via Dibrugarh University website.

Barsha Dutta

Dr Barsha Dutta

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