



No.DAS/RECT/SAC/2016

15 Dec 2016

## Notification for Junior Research Fellowship

The Department of Atmospheric Sciences, Cochin University of Science and Technology invites applications for the position of a 'Junior Research Fellow' in a project on **"Understanding the Physical processes associated with Tropical Intraseasonal Oscillations and Cyclogenesis over Indian Ocean Region using SCATSAT-1 Data"** funded by Space Application Center (SAC), Indian Space Research Organization (ISRO), Govt. of India. The project mainly focuses on the application of satellite data in understanding the air-sea-land coupled processes on monsoons, MJO and cyclogenesis over North Indian ocean region. The Junior Research Fellow will be involved in the analysis of data from , meteorological satellite and responsible for deriving many useful products. The project will also examine the usefulness of satellite data on mesoscale weather prediction models using dedicated assimilation/nudging experiments. The three year project would commence tentatively on 15<sup>th</sup> January, 2016.

### Essential Requirement

MSc in Meteorology/Physics/Space Science/Remote Sensing /M.Tech in Atmospheric science or equivalent degree with NET

### Desirable skills

Skill in programming (C++, FORTRAN-90/95, MATLAB, NCL, Python)

Profound interest in the atmospheric processes and satellite remote sensing

### Emoluments

The JRF is entitled to a fellowship amount of Rs. 25,000+HRA (for NET qualified) and for others as prescribed by the Indian Space Research Organization, Department of Space , Govt. of India.

### How to Apply

The curriculum vitae and copies of qualification should be compiled in a single pdf and can either be emailed to **abhi@cusat.ac.in** or can be sent by post to the following address on or before **31<sup>st</sup> December, 2016**.

**Dr. Abhilash. S**

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