

RECRUITMENT FOR PROJECT

Applications are invited from the citizens of India for filling up the following temporary position for the sponsored project undertaken in the Interdisciplinary Program in Climate Studies of this Institute. The position is temporary initially for a period of 1 Year and tenable for 3 years.

Project Title & Funding Agency

"National Carbonaceous Aerosol Program"

About the project: The National Carbonaceous Aerosol Program (NCAP) of the Indian Network for Climate Change Assessment (INCCA) was launched in March 2011 by the Ministry of Environment Forests and Climate Change.

Position & Salary	Project Research Scientist (1 Post ) Consolidated salary Rs.42000- +30% HRA p.m.
Qualification	<p>Essential:</p> <ul style="list-style-type: none"> <li>(i) PhD degree in climate, atmospheric science, or related field and a strong publication record.</li> <li>(ii) Experience in designing and performing experiments with global climate, and earth-system, models.</li> <li>(iii) Demonstrated proficiency in climate model simulations and analysis using tools among those listed below</li> <li>(iv) Knowledge of physical mechanisms driving climate change in South Asia. Desirable: Specific proficiency in scientific programming languages such as Fortran, Matlab, R and Python; high performance compilers (ifort, gcc); shell scripting and meteorological data analysis tools (GrADS, FERRET, NCL, Python, NCO, CDO); handling large volumes of data (formats including like NetCDF, HDF, GRIB, ASCII)</li> </ul>
Job Profile	The successful candidate will be part of the NCAP-COALESCE group of researchers, at IITB. The specific position is will involve using ECHAM6-HAM2 simulations and statistical approaches to detect aerosol influence on radiative forcing and rainfall over India, and to understand changes in cloud properties and rainfall mean and extreme magnitudes. Strong scientific publication outcome is expected.

To apply for the position, kindly send your curriculum vitae to Mr. Sundaram ([manager.ncap@gmail.com](mailto:manager.ncap@gmail.com)).