Application for Junior Research Fellow (JRF) and Project Assistant (One post each)

The Indian Institute of Tropical Meteorology is an autonomous research organization fully funded by Ministry of Earth Sciences, New Delhi. It is a premier Institute of national and international repute, devoted to research in various aspects of atmospheric sciences. The Institute has excellent infrastructural facilities such as high performance computers, observational laboratories, modern library, workshop, etc. It has a strong link with various universities and national and international organizations.

The institute has successfully implemented the ambitious project "System of Air Quality Forecasting and Research (**SAFAR**)" for the 2 Metropolitan cities namely Delhi and Pune to predict the air quality for the first time in our country, which is now an operational service. The institute is in the process of expanding the SAFAR activities to Mumbai region and initiated the development of "**SYSTEM OF AIR QUALITY FORECASTING & RESEARCH***" (SAFAR)* for the air quality forecasting services. The scope under the project would include- setting-up the monitoring network of air pollution and weather parameters; development of emission inventory of criteria pollutants, advancement in high resolution weather and atmospheric chemistry transport model for the nested domains and its operation in Super computers and establishment of wireless communication system for public display. Data generated will also be utilized to understand the scientific processes responsible for the variation of these pollutants on different time scales and their impact on health and agriculture over India.

For the above project, applications are invited from bright and motivated young candidates for the temporary post of Junior Research Fellow and Project Assistant (1 post each). Junior Research Fellow should lead to Ph.D. degree. The place of work will be IITM, Pune. All selected candidates need to get involved in field activities. Project Assistant should assist the researcher for data analysis. Details are as follows:

Name and no. of Post	:	**Junior Research Fellow - 1 post**
Essential Qualifications:	:	M.Sc./M.Tech. in Atmospheric Sciences /Physics /Environmental Science /Meteorology from a recognized university /institution. NET/GATE qualified candidates will be given preference.
Desirable Qualifications	:	Good knowledge of computer usage in Windows and software packages. Good knowledge of working in LINUX /UNIX system and Fortran programming skill along with WINDOWS
Other details	:	
Age Limit:	:	28 years as on 01.02.2015
Stipend:	:	Rs. 16,000/- plus HRA per month (performance based enhancement after 2 years).
Tenure	:	Tenure: 2 years (extendable further for 2 years based on satisfactory performance). The candidate should register for Ph.D.

Name and no. of Post	**:**	**Project Assistant- 1 post**

Essential Qualifications: **:**   M.Sc. (Physics/Instrumentation/ Atmospheric Sciences)/ Environmental Science) from a recognized University/ Institution.

Desirable Qualifications   **:**   Experience in scientific administration and supervision. Working knowledge of data analysis using standard graphics software in Windows.

Other details   **:**

Age Limit: **:**   28 years as on 01.02.2015

Consolidated Salary   **:**   Rs. 22,000/- month (performance based enhancement after 1 year)

Tenure   **:**   Tenure: 2 years (extendable further on satisfactory performance).

Upper age limit is relaxable by 5 years for SC/ST, 3 years for OBC, 10 years for physically handicapped and as per rule for ex-servicemen. Desiring candidates are requested to furnish the information in the attached Proforma

Aspiring candidates may submit their applications along with CV online:
http://www.tropmet.res.in/Careers on or before 02.02.2015.

                                                  Senior Manager
                                             for Director, IITM