

INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE
(An autonomous Institute under Ministry of Earth Sciences, Government of India)
Dr. Homi Bhabha Road, Pashan, Pune – 411 008
Advertisement No. PER/07/ 2012
Advertisement for Junior Research Fellows (JRF) for SAFAR Project – 2 posts

Applications are invited from bright young candidates for two temporary JRF positions at IITM, Pune for developing a “**SYSTEM OF AIR POLLUTION FORECASTING & RESEARCH**” (SAFAR-2010) for Pune. Candidate is required to register for Ph.D. The fellowship amount is ₹ 16,000/- p.m. plus admissible HRA

Essential Qualification: -

M.Sc. or M.Tech. in Atmospheric Sciences/Physics/ Environmental Science/ Environmental Engineering/ Meteorology/ Applied Mathematics/ Geophysics from a recognized university.

Desirable qualification:

Good knowledge of LINUX/UNIX operating System, GIS software, air pollution and weather related aspects like analyzers, emissions and automatic weather stations.

For further details & proforma, visit the Institute’s website (<http://www.tropmet.res.in>). Completed applications along with CV in prescribed format should reach to the Joint Manager at the above address by post as well as by e-mail (admadv@tropmet.res.in) with a copy to (pollution@tropmet.res.in) by **20th September 2012.**

Joint Manager & LACD Manager
For Director

INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE
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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-2010)”** for the commonwealth games held in India in 2010 to predict the air quality for the first time in our country. The institute is in the process of expanding the SAFAR activities and starting the **“SYSTEM OF AIR POLLUTION FORECASTING & RESEARCH” (SAFAR-PUNE)** for the air quality forecasting services for Pune city. 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 Pune domain 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 (Two numbers) which should lead to Ph.D. degree. Details are as follows:

Essential Qualifications:

M.Sc./M.Tech. in Atmospheric Sciences/Physics/Environmental Science/Environmental Engineering/ Meteorology/ Applied Mathematics/ Geophysics from a recognized university /institution. NET/GATE qualified candidates will be given preference.

Desirable Qualifications:

- 1) Good knowledge of working in LINUX /UNIX system and Fortran programming skill along with WINDOWS. It is desirable if the candidate has hands on experience in WRF or WRF-Chem model. Such candidate will be given special preference.
- 2) Knowledge of Geographic information system (GIS) software
- 3) Knowledge of operation of air pollution and weather aspects, emission inventory, air pollution analysers and automatic weather stations.

Other details:

- Age Limit : 28 years as on 1.9.2012.
- Stipend : ₹ 16,000/- per month plus admissible HRA (performance based enhancement after 2 years).
- Tenure: 2 years which is extendable further based on satisfactory performance. The candidate should register for Ph. D.

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 may submit their CV in the form attached. The completed application may be submitted by e-mail (admadv@tropmet.res.in) with a copy to pollution@tropmet.res.in by **20th September 2012**. The hard copy must be send by post / courier to the "Joint Manager" on the below mentioned address.

For further details please visit the Institute's website (<http://www.tropmet.res.in>).

Joint Manager & LACD Manager
Indian Institute of Tropical Meteorology
Dr. Homi Bhabha Road, Pashan, Pune – 411008
Phone : 020 – 25865600/25904200 Fax : 020 – 25865142
Email: admadv@tropmet.res.in
URL: <http://www.tropmet.res.in>

INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE - 411008
 Application for the post of Junior Research Fellow for SAFAR Project
 (Advt. No. PER/07/2012)

PROFORMA

Name of the Candidate in Block Letters					
1.	Surname	First Name	Father's/Husband's Name		
2.	Gender	Male/Female			
3.	Marital Status	Married/Unmarried			
4.	E-mail :				
5.	Mobile No. :				
6.	Phone No :				
7.	Address for correspondence:				
8.	Permanent Address:				
9.	Date of Birth : Place: Nationality :				
10.	Whether belongs to SC/ST/OBC / Physically handicapped (Enclose the relevant certificate for the same)				
11.	Present Occupation				
12.	Qualifications:				
	Qualifications	Subject	Board/ University	Year of Passing	Percentage of Mark with Class
a.	S.S.C.				
b.	H.S.C.				
c.	B.Sc.				
d.	M.Sc.				
e.	M.Tech.				
13.	Computer Skills				
14.	Research/Work Experience/ Paper published				
15.	Area of Interest (Max. 100 Words)				

I declare that all the above information is true.

Place: -	
Date: -	Name & Signature of Candidate