

**INDIAN INSTITUTE OF TROPICAL METEOROLOGY, PUNE - 411008**  
(An autonomous Institute under Ministry of Earth Sciences, Government of India)  
**Advertisement No. PER/11/2011**

**SPECIAL DRIVE FOR RECRUITMENT OF**  
**PERSON WITH DISABILITIES (PWD)**

The Indian Institute of Tropical Meteorology (IITM), Pune, an autonomous research organization, fully devoted to research in various aspects of climate science is looking for recruiting bright talented candidates of Indian origin to fill following posts under PWD:

Scientist C	1 Post for Visually Handicapped	₹ 15600-39100 with Grade pay of ₹ 6600*
Scientist B	1 Post for Hearing Handicapped	₹ 15600-39100 with Grade pay of ₹ 5400*

**\*Plus allowances admissible to Central Govt. Employees stationed at Pune.**

The Institute's activities include training to post graduates and motivate them to take up research careers in Atmospheric and Oceanic Sciences required to improve the skill of weather and climate prediction models. A Centre for Climate Change Research (CCCR) has also been established at IITM to address all science issues related to Climate Change and Indian monsoon. Also, the Centre for Advanced Training has been started to train young scientists on Earth System sciences and climate. To cater to the modelling needs, a High Performance Computing (HPC) Centre has been set up with peak performance of 70 TF. The Institute has excellent infra-structural facilities and also has the state of the art equipments for field observations. It has MoU with University of Pune for carrying out work leading to the award of M.Tech. and Ph.D. Degrees in Atmospheric Sciences and allied subjects.

For details of the posts please visit the Institute's website <http://www.tropmet.res.in>. Aspiring candidates may please submit applications, in the prescribed proforma along with detailed CV, list of publications and other relevant papers to the Administrative Officer of this Institute latest by **30<sup>th</sup> December 2011**.

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#### **SPECIAL DRIVE FOR RECRUITMENT OF PERSON WITH DISABILITIES**

The Indian Institute of Tropical Meteorology (IITM), Pune, an Autonomous research organization, fully devoted to research in various aspects of climate science is looking for recruiting bright talented candidates of Indian origin to fill up following Posts:

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Scientist B	1 Post for Hearing Handicapped	₹ 15600-39100 with Grade pay of ₹ 5400*

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The Institute is well known for its contribution in understanding monsoon variability and predictability. Its activities include training to post graduates and motivate them to take up research careers in atmospheric and oceanic sciences required to improve prediction skill of weather and climate. A Centre for Climate Change Research (CCCR) has also been established at IITM to address all science issues related to Climate Change and Indian monsoon. To cater to the modelling needs, a High Performance Computing (HPC) Centre has been set up with peak performance of 70 TF, ranked 94th in the world. The Institute has excellent infra-structural facilities and also has the state of the art equipments for field observations such as an X-Band Radar, a LIDAR Wind Profiler, a Microwave Radiometer, a variety of other LIDARs for aerosol measurements and a stable isotope radio mass spectrometer for paleo-climatic studies. It has MoU with University of Pune for carrying out work leading to the award of M.Tech. and Ph.D. Degrees in Atmospheric sciences and allied subjects.

Aspiring candidates may please submit applications, in the proforma with detailed CV, a list of publications and other relevant papers to the Administrative Officer of this Institute by **30<sup>th</sup> December 2011**

Requirements for the posts are as under:

**1) Scientist 'C' : 01 post ( Reserved for Visually Handicapped)**

**Scale of Pay :** ₹ 15600-39100, Grade Pay ₹ 6600/- plus allowances admissible to Central Govt. employees stationed at Pune.

**Essential Qualifications :**

- (i) Master's Degree preferably a Doctorate in Meteorology, Atmospheric Sciences, Oceanography, Physics, Mathematics, Applied Mathematics, Statistics, Applied Physics, Geophysics, Electronics, B.E. / B.Tech. / M.Tech. (Electronics/Electrical Engineering) degree from a recognized university/institution.
- (ii) A minimum of 5 years experience of research in Atmospheric and/or Oceanic Sciences related to weather and climate (as evidenced by published papers).

**Desirable Qualifications :**

Proven expertise in any of the research areas viz., diagnosing climate variability and climate model biases and a deep understanding of the Asian monsoon and its variability, modelling of land surface processes and their impact on climate, assimilation of satellite and conventional data to AGCMs and oceanic data to OGCMs, dynamics and thermodynamics of convection and interaction between clouds and environment. Atmospheric Radar Technology and its application for weather and climate observations, nonlinear dynamics applied to atmospheric predictability and nonlinear time series modelling and Climate Change.

**Upper Age Limit :** 40 years as on 1<sup>ST</sup> November 2011

## 2) Scientist 'B': 01 post (Reserved for Hearing Impaired)

**Scale of Pay :** ₹ 15600-39100, Grade Pay ₹ 5400/- plus allowances admissible to Central Govt. employees stationed at Pune..

### **Essential Qualifications :**

- (i) Master's Degree in Meteorology, Atmospheric Sciences, Oceanography, Physics, Mathematics, Applied Mathematics, Statistics, Applied Physics, Geophysics, Electronics, OR B.E./ B.Tech. / M.Tech. (Electronics / Electrical Engineering) degree from a recognized university/institution.
- (ii) A minimum of 3 years experience of research in Atmospheric and/or Oceanic Sciences related to weather and climate (as evidenced by published papers).

### **Desirable Qualifications:**

Proven understanding of any of the research areas viz. understanding of the Asian monsoon and its variability, land surface processes and their impact on climate, experience in dynamics and thermodynamics of convection and interaction between clouds and environment, Atmospheric Radar Technology and its application for weather and climate observations and all the relevant aspects.

**Upper Age Limit:** 35 years as on 1<sup>st</sup> November 2011.

### **Age Limit Relaxable:**

The upper age limit is relaxable by 5 years for candidates belonging to SC/ST and 3 years for candidates belonging to the Other Backward Class, and as per rules for ex-servicemen and physically handicapped persons. There is no age limit for IITM and Government employees.

**Applications in the enclosed proforma together with detailed CV and list of publications should reach the undersigned by 30<sup>th</sup> December 2011.**

The candidates should arrange three letters of reference to be sent directly to the undersigned from three scientists familiar with candidate's work.

Candidates called for interview will be paid Sleeper Class to and fro train fare by the shortest route on production of original tickets.

**The Administrative Officer  
Indian Institute of Tropical Meteorology  
Dr. Homi Bhabha Road, Pashan  
Pune-411008  
Phone : 020 - 25865600 / 25904200  
FAX : 020 - 25865142  
Email : [admadv@tropmet.res.in](mailto:admadv@tropmet.res.in)**