

INDIAN INSTITUTE OF TROPICAL METEOROLOGY

Dr. Homi Bhabha Road, Pashan, Pune-411008

(Advertisement No. PER/03/2020)

ADVERTISEMENT FOR RESEARCH ASSOCIATESHIPS & RESEARCH FELLOWSHIPS

The Indian Institute of Tropical Meteorology (IITM), Pune is an autonomous research organization under Ministry of Earth Sciences, New Delhi, fully devoted to cutting edge research in various aspects of weather and climate science. The activities include training of post graduates and motivate them to take up research careers in atmospheric and oceanic sciences required to improve skill of weather and climate forecasts.

The Institute has excellent infrastructural facilities such as India's first Multi Petaflop Super Computer, observational facilities like RADARS, Radiometers, LIDAR etc., modern library, workshop and other scientific support. It has a strong link with various universities and national and international organizations. Major research areas at the institute are climate modelling, climate change projections, Climate variability and climate dynamics, extended range and seasonal forecasts, physics and dynamics of tropical clouds, aerosol-cloud-precipitation interaction, air pollution monitoring, modelling and prediction, satellite and radar meteorology and paleoclimatology.

Applications are invited from young Doctorates/Post-Graduates/ Post Graduate Engineers for selection of Research Associates and Research Fellows at the Institute.

1) IITM Research Associates: 10 nos. (Reservation SC- 1, ST - 1, OBC-4, EWS -2, UR -2)

a) Essential Qualifications: A Doctorate degree from a recognized University in Meteorology/ Atmospheric Sciences/ Oceanography/ Physics/ Applied Physics/ Geophysics with Meteorology as main subject/ Mathematics/Applied Mathematics/ Statistics/ or equivalent subjects. Well acquainted in computer programming, Linux etc. and having publications in peer reviewed journals related to atmospheric/oceanic/climate sciences. **Candidate should have minimum 60% aggregate mark in the Master's degree.**

Desirable Qualifications: Demonstrated skill in weather and climate modeling/ observational techniques and data analysis etc. supported by peer reviewed publications.

b) Age Limit: 35 years as on 30.04.2020;

c) Stipend: Rs. 47,000/-p.m. plus admissible HRA;

d) Tenure: 01 year (Extendable by another 02 years depending on performance)

2) IITM Research Fellows: (20 nos.) (Reservation SC-2, ST-4, OBC-4, EWS-5, UR – 5)

a) Qualifications:

Essential: Post Graduate degree with minimum 60% Marks in (**Physical Sciences** [includes Physics/Applied Physics/ Atmospheric Sciences/ Meteorology/ Oceanography/ Climate Science/Geophysics with Meteorology as one of the subject/Environmental Sciences/ Electronics / or equivalent subjects] / **Chemical Sciences** [includes Chemistry/ Physical Chemistry/ Inorganic Chemistry/ Organic Chemistry/ or equivalent subjects]/ **Mathematical Sciences** [includes Mathematics/ Applied Mathematics/statistics/ or equivalent subjects] **with CSIR-UGC NET (including Lectureship) /GATE.**

OR

M.Tech. with minimum 60% Marks in (Atmospheric/Oceanic Sciences or equivalent subject) with **CSIR-UGC NET (including Lectureship)/GATE/qualified OR** Master degree with minimum 60% marks from any branch of Engineering along with **CSIR-UGC NET (including Lectureship)/GATE/ qualified.**

Candidates who have qualified CSIR-UGC-NET (including Lectureship) /GATE and appeared for final year of M.Sc./ M.S./ M.Tech./ M.E. can apply for the post and should write their aggregate marks upto the latest semester they have appeared but their appointment is subject to having passed the M.Tech./M.Sc./M.S./M.E. examination as evidenced by mark sheets/provisional degree certificate. Selected candidates are required to complete Ph.D. in Atmospheric/ Oceanic Sciences under the guidance of research scientists of this Institute. **Candidates should have studied Physics or Mathematics at Bachelor's degree.**

Candidates who have qualified through processes held at National level examinations conducted by Central Government Departments and their Agencies and Institutions such as DST, DBT, DAE, DOS, DRDO, MHRD, ICAR, ICMR, IIT, IISc, IISER etc. at par with DST O.M. SR/S9/Z-08/2018 dated 30.01.2019 can also apply for the post.

Desirable: Demonstrated computer programming Linux, UNIX, Windows/Fortran/C etc.

b) Age Limit: 28 years as on **30.04.2020**;

c) Stipend: Rs.31,000/- p.m. plus admissible HRA;

d) Tenure: 04 years. The candidate should register for Ph.D. within first two years.

Candidates who would like to avail fellowship from CSIR/UGC/DST-INSPIRE and work as JRF in IITM are also encouraged to apply. Such candidates need to specify in the online application form about their preference of fellowship (whether availing IITM Research Fellowship or CSIR/UGC/ DST-INSPIRE fellowship).

Selected candidates would be required to successfully complete two semesters of an in-house training in Atmospheric and Oceanic Sciences, which is a qualifying criteria for Ph.D. registration.

Upper age limit is relaxed by 5 years for SC/ST, 3 years for OBC, 10 years for physically handicapped and as per rule for ex-servicemen.

Interviews for RA positions will be held in May-June 2020. Written Examination and Interviews for RF position would be held in May-June 2020.

Aspiring candidates may submit their applications along with their CV online: <http://www.tropmet.res.in/Careers>

Hard copy of the application will not be accepted.

Director, IITM
