

EARTH SYSTEM SCIENCE ORGANIZATION (ESSO)
Ministry of Earth Sciences (MoES), Government of India
INDIAN INSTITUTE OF TROPICAL METEOROLOGY
Dr. Homi Bhabha Road, Pashan, Pune-411008
(Advertisement No. PER/02/2017)

ADVERTISEMENT FOR RESEARCH ASSOCIATESHIPS AND RESEARCH FELLOWSHIPS

The Indian Institute of Tropical Meteorology (IITM), Pune is an autonomous research organization under ESSO/MoES, 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 High Performance Computers, 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 for selection of Research Associates, Research Fellows at the Institute.

1) IITM Research Associates: 07 nos.

a) Qualifications:

Essential: 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.

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 30.04.2017;

c) Stipend: Rs. 36,000/-p.m. plus admissible HRA;

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

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2) IITM Research Fellows: 15 nos. ;

a) Qualifications:

Essential:

Post Graduate degree 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 NET/GATE/JEST/JAM qualified.**

OR

Bachelor degree from any branch of Engineering along with valid GATE scores.

OR

M.Tech. in Atmospheric/Oceanic Sciences or equivalent subject.

Candidates appeared for final year of B.E./B.Tech./ M.Sc./ M.S./ M.Tech. 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 B.E./B.Tech./ M.Sc./M.S./ M.Tech. 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 Bachelors degree.

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

b) Age Limit: 28 years as on 30.04.2017;

c) Stipend: Rs.25,000/- p.m. plus admissible HRA;

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

For General and OBC Category: Minimum 60% aggregate mark in the qualifying examination is essential.

For SC/ST/Physically Handicapped Category: Minimum 55% aggregate marks in qualifying examination is essential.

Candidates who would like to avail fellowship from CSIR/DST 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/DST 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.

Shortlisted candidates called for interview will be entitled for reimbursement of to and fro travelling allowance by the shortest route from the place where interview call letter has been sent. The reimbursement would be restricted to train fare of sleeper class or the actual whichever is less. Interviews for RA/RF would be held in June 2017.

Aspiring candidates may submit their applications along with their CV online: <http://www.tropmet.res.in/Careers> by **30th April 2017. Hard copy of the application will not be accepted.**

Director, IITM