

पृथ्वी विज्ञान मंत्रालय,भारत सरकार Ministry of Earth Sciences, Govt. of India भारतीय उष्णदेशीय मौसम विज्ञान संस्थान INDIAN INSTITUTE OF TROPICAL METEOROLOGY (IITM), डॉ. होमी भाभा मार्ग,पाषाण पुणे –411 **00**8 Dr. Homi Bhabha Road, Pune- 411008

ADVERTISEMENT NUMBER: PER/10/2025

WALK IN INTERVIEW FOR THE POST OF PROJECT ASSOCIATE I, PROJECT ASSOCIATE II AND SENIOR PROJECT ASSOCIATE (PURELY ON TEMPORARY & SHORT-TERM CONTRACT BASIS)

The Indian Institute of Tropical Meteorology (IITM) 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.

IITM (MAQWS Project) is collaborating with the Rajasthan State Pollution Control Board (RSPCB) on a project to forecast air quality in Alwar & Bhiwadi Cities.

The Institute is looking for a bright and talented candidate for the post of Consultant under the Mission Mausam Project purely on a temporary and short-term contract basis.

Applications are invited from eligible candidates for the following post purely on a temporary and short-term contract basis:

Sr. No	Name of the Post	No of posts	Emoluments [per month]	Age Limit In years	Dates of Walk in Interview
1.	Project Associate-I [SC-2, ST-2, EWS-2 & UR-02]	08	₹ 31,000/- + HRA # ₹ 25,000/- + HRA	35	11 th November 2025 (Reporting time- 0900 to 1000 Hrs)
2.	Project Associate-II	01	₹ 35,000/- + HRA# ₹ 28,000/- + HRA	35	12 th November 2025 (Reporting time- 0900 to 1000 Hrs)
3.	Senior Project Associate [SC-1, OBC-01 & UR-02]	04	₹ 42,000+ HRA	40	13 th November 2025 (Reporting time- 0900 to 1000 Hrs)

^{# [}Emoluments for Candidates having NET/ CSIR-UGG / GATE or having passed national level examination conducted by Central Govt. Dept. and their agencies and Institutions]

* Candidates who report after 1000 hrs will not be permitted to appear for Walk-In-Interview and will not be allowed to enter the Institute premises.

PROJECT ASSOCIATE – I			
Post Code	MESONET2021-004		
Name of the post	Project Associate - I		
	(For Urban Radar Network in Mumbai)		
Number of post	01 No.		
Place of posting	Mumbai		
Essential Qualification	Master's degree in Science with Physics/ Instrumentation/ Electron Atmospheric Science/ Meteorology) from a recognized university or equivalent of the second of the secon	lent.	
	Bachelor's degree in Engineering or Technology with Electronic Instrumentation/ EEE/E&T) from a recognized University or equivalent will least 60 % marks.		
Desirable Qualification	 Experience in (i) operation and maintenance of Doppler Weather Rada ii) handling of Doppler weather radar or Radar wind profiler data sets, iii) experience in maintenance of urban rain gauge network Doctoral Degree in Science or master's degree in engineering or technology from a recognized University or equivalent. Handling large volumes of data and conversant with data format like 		
	NetCDF, HDF, GRIB etc. • Familiarity with Linux and computer programming like Python, MATLA	AB,	
Job Responsibilities	 NCL, GrADS,CDO etc To monitor and maintain radar network and rain gauge network in Mumbai Metropolitan region and web data portal. 		
	 Maintaining all necessary documentation to ensure efficient use of Urb Radar Network and rain gauge network. 	oan	
Post Code	URBMET2024-004		
Name of the post	Project Associate - I		
Number of post	02 Nos.		
Place of posting	Chennai - 01 & Delhi - 01		
Essential Qualification	Master's Degree in Science (Physics, Chemistry, Atmospheric Phy/Environmental sciences/Atmospheric Sciences/Meteorology) from recognized University or equivalent	-	
Desirable Qualification	Experience with atmospheric data analysis, Numerical Models, Programm skills with Fortran/ Python / C or C++. Experience with simulation atmospheric flows using mesoscale models.		
Job Responsibilities	Radar data analysis, numerical modelling, aerosol-cloud-precipita interaction studies, radiative forcing calculations, and preparation publication-quality manuscripts.		
Post Code	Post Code MAQWS2025-001		
Name of the post	Project Associate I		
Number of post	01 No.		
Place of posting	New Delhi		
Essential Qualification	Master's degree in science with Atmospheric Science / Physics / Meteorolo Atmospheric Physics / Environmental Sciences from a recognized universit equivalent	 .	
Desirable Qualification	Experience of handling atmospheric chemistry instruments.		
Job Responsibilities	The candidate will be responsible for carrying out measurements using atmospheric chemistry instruments.		

Post Code	:	Post Code MAQWS2025-002
Name of the post	:]	Project Associate I
Number of post	: (01 No.
Place of posting		IITM Pune
Essential Qualification		Master's degree in Science with Atmospheric Science/ Environmental Science
Essential Qualification		nd Technology from a recognized University/ equivalent.
Desirable Qualification		Vorking knowledge of Python, Matlab, R/FORTRAN. It is desirable if the
		andidate has hands on experience in analyzing data from global models.
Job Responsibilities		he selected candidates has to help in the development, analysis of data; and
		reparation of scientific reports and manuscripts using; the Decision Support
	S	ystem framework for air quality management.
Post Code		UAS 2021-002
Name of the post	-	Project Associate-I
Number of post		01 No.
Place of posting		IITM Pune
Essential Qualification		Bachelor's degree in Engineering or Technology in Electronics/ E&T/
		Instrumentation from a recognized University/ equivalent. OR
		Master's degree in Science instrumentation/ Electronics from a recognized
		University or equivalent.
Desirable Qualification	:	Experience/Knowledge in atmospheric measurements, atmospheric
		instrumentation, embedded systems, PCB designing and data analysis.
		• Computer programming skills (like Matlab, Python, C/C++). Should be ready
		to work in field campaigns anywhere in India
Job Responsibilities	:	• Assist in maintenance, calibration and operation of atmospheric
		instruments,
		Participate in field campaigns.
Post Code	(CVP2025-02
Name of the Post]	Project Associate-I (Climate Variability and Prediction)
Number of post		1 No.
Place of posting]	IITM Pune
Essential Qualification		Master's Degree in Physics/ Mathematics/ Meteorology/ Oceanography/
	Α	tmospheric Sciences/ Statistics from a recognized University or equivalent
		OR
		Bachelor's degree in Engineering or Technology from a recognized University
Desirable		or equivalent Experience in climate variability/ Earth system modelling/ Climate modelling
Qualification		climate extremes/statistical downscaling etc. demonstrated through scientific
Quanneation		eports/publications/book chapters.
		Knowledge in programming languages (like Python, FORTRAN90, C/C++ etc);
		hell scripting and meteorological data analysis tools (like GrADS, FERRET, NCL,
	N	CO, CDOetc).
		Experience in handling of a large volume of data and conversant with data
		ormat like NetCDF, HDF, GRIB, GrADS etc. • Ability to work in large groups.
		Knowledge of UNIX/LINUX System Administration would be an added
Ioh Dognaraihilitiaa		advantage. They will be recognible for understanding the decadel variability of Indian
Job Responsibilities		They will be responsible for understanding the decadal variability of Indian monsoon and its teleconnection, analysis of CMIP6/CMIP5 decadal hind casts,
		historical simulations and projections, preparation of climate variability
		products.

PROJECT ASSOCIATE – I UNDER IITM-RSPCB COLLABORATIVE PROJECT			
Post Code	:	RSPCB2025-001	
Name of the post	:	Project Associate-I (RSPCB-Alwar)	
Number of post	:	01 No.	
Place of posting		IITM Pune	
Tenure		Initially for the period of one year or co-terminus with the project period, whichever is earlier and subject to the satisfactory performance.	
Essential Qualification	:	 Master's degree in Science with Physics/Atmospheric Science/ Environmental Science and Technology/Climate Science or any equivalent subject from a recognized University/ equivalent. 	
Desirable Qualification	:	Working knowledge of Python, Matlab, R/FORTRAN. It is desirable if the candidate has hands on experience in analyzing model outputs and familiarity with data science and machine learning techniques.	
Job Responsibilities	:	 The selected candidates has to help in the development of data science/machine learning based air pollution forecasting, analysis of data of model forecasts and preparation of scientific reports and manuscripts. 	

PROJECT ASSOCIATE - II				
Post Code	:	Post Code-HPC2025-004		
Name of the post	:	Project Associate II - Audio Video Engineer		
Number of post	:	01 No.		
Place of posting		IITM Pune		
Essential Qualification		Bachelor's degree in Engineering or Technology in Electronics/ Electronics & Tele Communication/ Instrumentation/ Computer, Sound Engineering from a recognized University or equivalent. AND Two years' experience in maintaining Audio Visual equipment's and related works. Experience in managing Audio Video System, Online Video Conferences.		
Desirable Qualification	:	 Conversant with video conference and broadcasting systems. Awareness of the latest trends, and features in AV equipment. Operating the master controls of AV systems during events. 		
Job Responsibilities	:	 Setting up, testing and adjusting, recording equipment's for recording sessions and live performances. Regulating volume levels and sound qualities during recording sessions using control consoles. Coordinating & arranging various meetings as per requirement. Perform minor repairs of Microphones and other AV equipment's regular operating of AV System in State of the Art Auditorium. 		

SENIOR PROJECT ASSOCIATE				
Post Code	:	Post Code-HPC2025-003		
Name of the post	:	Senior Project Associate - Networking and HPC administration		
Number of posts	:	01 No.		
Place of posting		IITM Pune		
Essential Qualification	:	 Master's Degree in Science in Computer/ Computational Science, Computer Application, Mathematics (including applied Maths and statistics), Physics and Meteorology with or in other subjects with majors in Computing, Mathematics, or application to Meteorology/ Physics/ Chemistry from a recognized University or equivalent.		
		OR		
		MS in interdisplinary studies		
		AND Source vacant amorphonous in (a) Noterophy Committee and (a) UDC Systems		
		 Four years' experience in (a) Network Security or (c) HPC System /Network administration. 		
Desirable Qualification	:	Should have a certification on the system administration		
Job Responsibilities	:	 To work on the HPC system maintenance and system administration. To design the network security for the HPC system Configure network hardware such as servers, routers and switches etc. Troubleshoot various network issues. Manage servers and operating systems. Implement Network security measures 		
Post Code		Post Code-CAIPEEX2025-003		
Name of the post	+	Senior Project Associate		
•	Ė	01 No.		
Number of posts Place of posting	Ė	IITM Pune		
Essential Qualification		Master's degree in physics/chemistry/mathematics /applied physics/ geology/		
		applied geology/atmospheric science/meteorology AND 4 years experience with data analysis, instrument handling and maintenance		
Desirable Qualification		Experience with weather instrument handling such as AWS, Radar, wind profiler, sodar, CCN counter, etc. Programming skills with Fortran/ Python / C or C++		
Job Responsibilities		Upkeep, calibration, data transfer, troubleshooting and day-to-day maintenance on various instruments in the urban testbeds including (automatic weather sensors, micrometeorological towers and instruments mounted on them, weather radar, wind profilers, aerosol spectrometers, lidars for wind and aerosol measurements, etc.). It is also required to take participation in the field campaigns and conduct observations. Oversee the project assistants for the operation and maintenance of laboratory.		

Post Code	:	Post Code MAQWS2025-003		
Name of the post		Senior Project Associate		
Number of posts		01 No.		
Place of posting		IITM Pune		
Essential Qualification		Bachelor's degree in Engineering or Technology with Atmospheric Science Climate Science/ Earth Science System and Technology/ Geoinformatics/ Gl Remote Sensing or any equivalent subject from a recognized university of equivalent. OR Master's degree in Science with Physics / Mathematics / Atmospheric Sciences / Environmental Sciences / Geophysics (Meteorology) / Computer Science Environmental Science or any equivalent subject from a recognized University or equivalent.		
		AND Four years' of experience in processing geospatial data.		
Desirable Qualification	:	Experience in handling large volumes of data & programming using MATLAB / Python / IDL / FORTRAN/ ArcGIS/ QGIS		
Job Responsibilities	:	The selected candidate will work on development of dynamic Emission		
		Inventories using GIS, AI/ML, and remote sensing tools.		
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Post Code	:	Post Code MAQWS2025-004		
Name of the post	:	Senior Project Associate		
Number of posts	:	01 No.		
Place of posting		IITM Pune		
Essential Qualification		Bachelor's degree in Engineering or Technology with Atmospheric Science/Climate Science/ Earth Science System and Technology/ Geoinformatics/ GIS Remote Sensing or any equivalent subject from a recognized university or equivalent. OR Master's degree in Science with Physics / Mathematics / Atmospheric Sciences/Environmental Sciences / Geophysics (Meteorology) / Environmental Science or any equivalent subject from a recognized University or equivalent. AND Four years' of experience in Earth Sciences/ Atmospheric regional/global chemistry transport modelling/ model development/ chemical data assimilation/ satellite data analysis relevant to air quality modelling/		
		experience in handling large atmospheric observations/modelling/ and satellite data and its analysis/ atmospheric chemistry/fog instrumentation		
Desirable Qualification Job Responsibilities		 Experience in using programming languages (like FORTRAN-90, IDL, C/C++ etc.), meteorological data analysis tools (like (GrADS, FERRET, ARCGIS, NCL, NCO, CDO etc.), and handling large volumes of satellite data like NetCDF, HDF, GRIB etc. Experience in conducting research and analyzing scientific data, specializing in field experiments and observations. Experience with laboratory experiments and handling of atmospheric chemistry/fog related instruments in the lab/field. Experience on source apportionment of contaminants (organic and inorganic) in the atmospheric/environmental samples. 		
joo Responsionities		decision support system for air quality management and/or atmospheric chemistry related measurements/ carry out fog related measurements/modelling for locations anywhere across India.		

INSTRUCTIONS:

1) The appointment is purely on temporary and contractual basis initially for a period upto 31.03.2026 and Extension of tenure is co-terminous with the project period, whichever is earlier and subject to the satisfactory performance.

2) Candidates who fulfil the eligibility criteria only should attend walk-in-interview along with the duly filled in proforma.

3) Only Indian Nationals are eligible for these posts.

4) The date of the interview is the cut-off date for all purposes, including age/ qualification/ experience etc. Upper age limit is relaxed as per GOI orders for SC/ST, OBC & physically handicapped and as per rule for ex-servicemen.

5) Desirable qualifications and experience can be relaxed at the discretion of the Director in case of exceptionally good candidates.

6) Selected candidate may have to join the post immediately on being found fit by Medical Authority.

7) Director, IITM reserves the right to fill-up or not to fill up the posts advertised without assigning any reasons thereof.

8) The number of vacancies mentioned in the advertisement may vary depending upon the requirements of the project.

9) The Competent Authority of this Institute reserves the right to terminate the appointment of the above post by giving one month's notice to the appointee without assigning any reason thereof.

10) Candidates must produce all original documents as proof for verification and photocopy of each along with duly filled attached application, at the time of interview/joining.

11) No TA/DA will be paid to the candidates for appearing in Walk-In-Interview. For SC/ST candidates admissible TA/DA shall be considered as per Government of India orders.

Director

Indian Institute of Tropical Meteorology Dr. Homi Bhabha Road, Pashan, Pune – 411008 Phone – 020-25904200

URL: <u>www.tropmet.res.in</u>