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भारत सरकार
भारत मौसम विज्ञान विभाग
मौसम विज्ञान के सहायक का कार्यालय
मौसम भवन, लोदी रोड,
नई दिल्ली-११०००३
महामौसम, नई दिल्ली



GOVERNMENT OF INDIA

India Meteorological Department

(Ministry of Earth Sciences)

Mausam Bhawan, Lodi Road, New Delhi-110003.

Advertisement No. 01/2022-IMD

Online applications are invited for the positions available in India Meteorological Department for engaging **Project Scientist "III", Project Scientists "II", Project Scientists "I", Research Associate, Senior Research Fellow & Junior Research Fellow** to work on different R&D programmes in the field of meteorology and its allied subjects on Project Mode (Contract basis). The posts are purely on contract initially for a period of one year; extendable on year to year basis till March 2026 or co-terminus with the project whichever is earlier. There is no provision for re-employment after termination of the project. The selected candidates will be evaluated on year to year basis and extension will be granted only on satisfactory progress/performance after each year. The details of the posts are given below: -

Post Code	Name of the Post/Project	No. of Posts	Qualifications	Age limit (as on the date of closure of application)	Place of Posting
01	Project Scientist 'III' (Weather & Climate Services) Gramin Krishi Mausam Sewa (Agro-Meteorological Advisory Services)	01	Essential Qualification: M.Sc. in Agricultural Meteorology/ Agricultural Physics with at least 60% marks from a recognized university or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute. Desirable Qualification: Doctorate degree in Agricultural Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.	45 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>Experience: Seven years' experience in weather forecasting and its applications in agriculture including modelling, remote Sensing and GIS.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Meteorological services including Agro- Meteorology. • Management and processing of weather and crop data, analysis of weather events as well as extreme weather, its impact, mitigation and adaptation in agriculture for management of climate risks. • Handling crop simulation model and development of decision support tools using Remote Sensing and GIS as well as other open source software in development of weather based Agromet advisory products and interpretation into Agromet advisories etc. <p>Emoluments: Rs.78000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
02	<p>Project Scientist 'II' (Weather & Climate Services) Gramin Krishi Mausam Sewa (Agro- Meteorological Advisory Services)</p>	06	<p>Essential Qualification: M.Sc. Degree in Agricultural Meteorology/ Agricultural Physics / Remote sensing and GIS or equivalent / Computer Science from a recognized university with at least 60% marks from a recognized university</p> <p style="text-align: center;">or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Agricultural Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Three years' experience in weather forecasting and its applications in agriculture including modelling, remote Sensing and GIS.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Meteorological services including Agro- Meteorology. • Management and processing of weather and crop data, analysis of weather events as well as extreme weather, its impact, mitigation and adaptation in agriculture for management of climate risks. 	40 Years	Pune/ Delhi or anywhere in India as per requirement

			<ul style="list-style-type: none"> Handling crop simulation model and development of decision support tools using Remote Sensing and GIS as well as other open source software in development of weather based Agromet advisory products and interpretation into Agromet advisories etc. <p>Emoluments: Rs.67000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
03	<p>Project Scientist 'I' (Weather & Climate Services) Gramin Krishi Mausam Sewa (Agro-Meteorological Advisory Services)</p>	10	<p>Essential Qualification: M.Sc. Degree in Agricultural Meteorology/ Agricultural Physics / Remote sensing and GIS or equivalent /Computer Science from a recognized university with at least 60% marks from a recognized university</p> <p style="text-align: center;">Or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Agricultural Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p><u>Job Requirement:</u></p> <ul style="list-style-type: none"> Meteorological services including Agro- Meteorology. Management and processing of weather and crop data, analysis of weather events as well as extreme weather, its impact, mitigation and adaptation in agriculture for management of climate risks. Handling crop simulation model and development of decision support tools using Remote Sensing and GIS as well as other open source software in development of weather based Agromet advisory products and interpretation into Agromet advisories etc. <p>Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>	35 Years	Pune/ Delhi or anywhere in India as per requirement
04	<p>Project Scientist 'III' (Weather & Climate Services) Augmentation of</p>	03	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics and Communication or Electronics & Instrumentation or Computer</p>	45 Years	Pune/ Delhi or anywhere in India as per requirement

	Aviation Meteorological Services		<p>Applications or Computer Sciences with at least 60% marks at the qualifying degree level</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Seven years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services in aviation meteorology.</p> <p><u>Job Requirement:</u></p> <ul style="list-style-type: none"> • Development and validation of forecasting tools. • Development and validation of decision support system based on the requirements of aeronautical users.. • Development of training module including visualization and simulation S/W. • Verification of forecast. • Development and field trial of meteorological sensors and instruments (Laser, Microwave, Acoustic) including data acquisition system. • Interface development and data integration on multi-sensors/ multiprotocol platform. • Providing backend support to operational forecasters. <p>Emoluments: Rs.78000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
05	Project Scientist 'II' (Weather & Climate Services) Augmentation of Aviation Meteorological	05	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics and Communication or Electronics & Instrumentation or Computer Applications or Computer Sciences with at least 60% marks at the qualifying degree level.</p>	40 Years	Pune/ Delhi or anywhere in India as per requirement

	Services		<p style="text-align: center;">Or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Three years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services in aviation meteorology.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Development and validation of forecasting tools. • Development and validation of decision support system based on the requirements of aeronautical users.. • Development of training module including visualization and simulation S/W. • Verification of forecast. • Development and field trial of meteorological sensors and instruments (Laser, Microwave, Acoustic) including data acquisition system. • Interface development and data integration on multi-sensors/ multiprotocol platform. • Providing backend support to operational forecasters. <p>Emoluments: Rs.67000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
06	Project Scientist 'II' (Weather & Climate Services) Climate Services	06	<p>Essential Qualification:</p> <p>M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics and Communication or Electronics & Instrumentation or Computer Applications or Computer Sciences with at least 60% marks at the qualifying degree level.</p> <p style="text-align: center;">Or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p>	40 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>Desirable Qualification: Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Three years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services in climate sciences.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Climate predictions (extended, seasonal and beyond), Climate Data products and services and Climate Research. • Working knowledge of Atmospheric, Oceanic and Coupled General Circulation Models. • Working with High Performance Computing System (HPCS) • Working in Programming languages (like FORTRAN 90, C/C++ etc.), Shell scripting, Meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc.). • Handling of large volume of data and conversant with data format like NetCDF, HDF, GRIB etc. • Working in the open source geographical information tools for meteorological applications. • Knowledge of UNIX/LINUX System Administration. • Working knowledge of various statistical tools in research and data analysis • Web-GIS and IT enabled services with Visualization. • Work on hydrological data, drought monitoring/forecasting along with GIS application including web SIS for various climate products, use of remote sensing data etc. <p>Emoluments: Rs.67000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
07	Project Scientist 'III' (Weather & Climate Services) Trainingin Operational	08	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics and Communication or Electronics & Instrumentation or Computer Applications or Computer Sciences with at least 60% marks at the</p>	45 Years	Pune/ Delhi or anywhere in India as per requirement

	Meteorology		<p>qualifying degree level</p> <p style="text-align: center;">Or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Seven years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services related to HRD in meteorology / atmospheric sciences.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Teaching at least two subjects out of Dynamic Meteorology, Physical meteorology, Synoptic Meteorology, Climatology, Computer programming and Applications, satellite meteorology, Climate Science, Advanced Statistics, radar meteorology, Instrumentation to be delivered as per allotment. • Supervising Technical assistant-I for subject practical etc and conduction of practicals. • Preparing written material- Lecture notes, problem sets, PPTs for different subjects under the supervision of Head Training Section. • Supervising examinations of different courses conducted at MTI. • Design of training courses and conduction of the training courses. • Evaluation of different training courses based on Trainees Feedback. • Content development of different training courses. <p>Emoluments: Rs.78000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
08	<p>Project Scientist 'II' (Upgradation of Forecast System) Upgradation of Hydro Meteorological Services</p>	02	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science with at least 60% marks at the qualifying degree level.</p> <p style="text-align: center;">Or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p>	40 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>Desirable Qualification: Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Three years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services in hydrometeorology.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Weather Forecasting and Services (Nowcasting-Short-Range, Medium Range and Long- Range), Cyclone warning, Numerical Weather Prediction. • Working with High Performance Computing System (HPCS) • Working in Programming languages (like FORTRAN 90, C/C++ etc.), Shell scripting, Meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc.). • Handling of large volume of data and conversant with data format like NetCDF, HDF, GRIB etc. • Working in the open source geographical information tools for meteorological applications. • Knowledge of UNIX/LINUX System Administration. • Working knowledge of various statistical tools in research and data analysis • Web-GIS and IT enabled services with Visualization. <p>Emoluments: Rs.67000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
09	Project Scientist 'II' (Upgradation of Forecast System) Numerical Weather Prediction (NWP)	01	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Meteorological Science</p>	40 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Three years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services in NWP.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Weather Forecasting and Services (Nowcasting-Short-Range, Medium Range and Long- Range), Cyclone warning, Numerical Weather Prediction. • Working with High Performance Computing System (HPCS) • Working in Programming languages (like FORTRAN 90, C/C++ etc.), Shell scripting, Meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc.). • Handling of large volume of data and conversant with data format like NetCDF, HDF, GRIB etc. • Working in the open source geographical information tools for meteorological applications. • Knowledge of UNIX/LINUX System Administration. • Working knowledge of various statistical tools in research and data analysis • Web-GIS and IT enabled services with Visualization. <p>Emoluments: Rs.67000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
10	<p>Project Scientist 'I' (Upgradation of Forecast System) Program Division (MoES)</p>	02	<p>Essential Qualification: M.Sc. Degree from a recognized university in Meteorology or Atmospheric Science or Climate Science and Policy or Environmental Sciences with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p>	35 Years	Pune/ Delhi or anywhere in India as per requirement

			<p><u>Job Requirement:</u></p> <ul style="list-style-type: none"> • Experience in Research & Development, Project Management, Policy & Planning in the field of atmospheric sciences/ climate change / sustainability. • Preparation of reports, extensive communication with relevant government focal points etc. <p>Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
11	<p>Project Scientist 'I' (Upgradation of Forecast System) IHMP</p>	01	<p><u>Essential Qualification:</u> M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics & Instrumentation or Electronics and Communication with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p><u>Desirable Qualification:</u> Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p><u>Job Requirement:</u></p> <ul style="list-style-type: none"> • R&D for upgradation of meteorological observing network and to replace old, obsolete and worn-out meteorological instruments at field stations by state-of-art instruments for getting accurate data. • To upgrade test and calibration facility for meteorological instruments. • To implement quality management for Meteorological data. • Web-GIS and IT enabled services with Visualization. <p>Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>	35 Years	Pune/ Delhi or anywhere in India as per requirement
12	<p>Project Scientist 'III' (Atmospheric Observations Network) Upper Air Instrumentation Division</p>	01	<p><u>Essential Qualification:</u> M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics & Instrumentation or Electronics and Communication with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60%</p>	45 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Seven years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • R&D for upgradation of meteorological observing network and to replace old, obsolete and worn-out meteorological instruments at field stations by state-of-art instruments for getting accurate data. • To upgrade test and calibration facility for meteorological instruments. • To implement quality management for Meteorological data. • Web-GIS and IT enabled services with Visualization. <p>Emoluments: Rs.78000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
13	<p>Project Scientist 'III' (Atmospheric Observations Network) Surface Instrumentation Division (IS)</p>	02	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics & Instrumentation or Electronics and Communication with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Experience: Seven years experience in Research and development in Industrial and Academic Institutions or Science and Technology organizations and Scientific activities and Services in Instrumentation.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • R&D for upgradation of meteorological observing network and to 	45 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>replace old, obsolete and worn-out meteorological instruments at field stations by state-of-art instruments for getting accurate data.</p> <ul style="list-style-type: none"> • To upgrade test and calibration facility for meteorological instruments. • To implement quality management for Meteorological data. • Web-GIS and IT enabled services with Visualization. <p>Emoluments: Rs.78000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
14	Project Scientist 'I' (Atmospheric Observations Network) Upper Air Instrumentation Division	03	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics & Instrumentation or Electronics and Communication with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • R&D for upgradation of meteorological observing network and to replace old, obsolete and worn-out meteorological instruments at field stations by state-of-art instruments for getting accurate data. • To upgrade test and calibration facility for meteorological instruments. • To implement quality management for Meteorological data. • Web-GIS and IT enabled services with Visualization. <p>Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>	35 Years	Pune/ Delhi or anywhere in India as per requirement
15	Project Scientist 'I' (Atmospheric Observations Network) Surface Instrumentation Division (IS)	02	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Electronics & Instrumentation or Electronics and Communication with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60%</p>	35 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • R&D for upgradation of meteorological observing network and to replace old, obsolete and worn-out meteorological instruments at field stations by state-of-art instruments for getting accurate data. • To upgrade test and calibration facility for meteorological instruments. • To implement quality management for Meteorological data. • Web-GIS and IT enabled services with Visualization. <p>Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
16	Project Scientist 'I' (Atmospheric Observations Network) Augmentation of Environmental Monitoring and Research	02	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Environmental Science or Environmental Engineering or Atmospheric Science or Electronics and Communication or Computer Applications or Computer Sciences with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Environment and Air Quality Warning Services. • Research on atmospheric composition (GHGs, Aerosol, Ozone and other trace gases etc) and information for national and international policy makers. • Develop forecasts of future environmental conditions and their consequences for people. 	35 Years	Pune/ Delhi or anywhere in India as per requirement

			<ul style="list-style-type: none"> • Observe trends of aerosol physical and chemical properties, GHGs, Ozone and trace gases. • Develop adaptation and mitigation strategies. • Determine the exposure and assess the effects of air pollution on health, and ecosystem. • Develop warning systems for the prevention of undesired air pollution episodes. • Facilitate the source apportionment and identification. <p>Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
17	Project Scientist 'I' (Atmospheric Observations Network) Polar Meteorology	01	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Meteorology or Atmospheric Science or Computer Science with at least 60% marks at the qualifying degree level Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Meteorological services including Polar- Meteorology. • Research work on weather forecasting in polar region. • Work on meteorological and atmospheric processes governing air-ice interactions over Polar Regions and assess the probable tele-connection between Polar Regions and Indian summer Monsoon. • Study the temporal and spatial variability of meteorological parameters and atmospheric composition in order to provide early detection and subsequent long-term monitoring of changes in the physical and chemical state of the atmosphere. • Support for reliable weather forecasts in Polar Regions for the protection of indigenous communities and in support of air and marine logistical operations, as well as in support of scientific research programmes. • Management of Environment Monitoring Network. 	35 Years	Pune/ Delhi or anywhere in India as per requirement

			Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.		
18	Project Scientist 'I' (Atmospheric Observations Network) Satellite Meteorology	02	<p>Essential Qualification: M.Sc. Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Environmental Science or Remote Sensing or Computer Science or Information Technology with at least 60% marks at the qualifying degree level</p> <p style="text-align: center;">Or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Job Requirement:</p> <ul style="list-style-type: none"> • Satellite Meteorology and Remote Sensing. • Receive and process data from different polar orbiting satellites on real time basis and disseminate the products to the forecaster and research community by establishing receiving and processing system. • Real time validation of various satellite products derived operationally. • Assimilation of all possible satellite data into numerical weather prediction models to improve forecast. • To develop RAPIDNxt online visualization and analysis software tools for satellite data and products, available to entire forecasting community (IMD, IAF and Navy) and adjoining SAARC countries. • To establish of in-situ calibration and validation site for INSAT series satellite and its operationalization at Runn of Kutch, Gujarat. • Inter calibration of Imager and Souder observation from the time series of geostationary satellites (IOGEO). • To generate the Fundamental Climate Data Record (FCDR) of calibrated and quality-controlled geostationary sensor data. • To utilize the inter-satellite methodology developed by GSICS to tie existing time series of satellite data to the best reference 	35 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>available in space.</p> <ul style="list-style-type: none"> Development of product and satellite based expert system with National and International collaboration in respect of Auto-tracking of cyclones, thunderstorms, severe weather phenomena and development of severe warning indices. <p>Emoluments: Rs.56000/- Plus HRA, Increment of 5% for every 2 Years of experience subject to performance review.</p>		
19	Project Scientist-II (Monsoon Mission-III)	2	<p>Essential Qualification: M.Sc. Degree or equivalent in Atmospheric Science/ Meteorology/ Oceanography/ Physics/ Geophysics/ Mathematics from a recognized University/ Institution with at least 60% marks at Post Graduation.</p> <p style="text-align: center;">Or</p> <p>B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification:</p> <ul style="list-style-type: none"> Research Experience supported by publications in good impact journals would be an added advantage. Working knowledge of Atmospheric, Oceanic and Coupled General Circulation Models. Working experience with high power computing (HPC) systems. Demonstrated experience in using Programming languages (like FORTRAN 90, C/C++ etc.), Shell scripting, Meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc.). Handling of large volume of data and conversant with data format like NetCDF, HDF, GRIB etc. Experience in the open source geographical information tools for meteorological applications. Knowledge of UNIX/LINUX Systems. Working knowledge of various statistical tools in research and data analysis. <p>Experience: Three Years experience in related fields.</p>	40 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>Job Requirements:</p> <ul style="list-style-type: none"> • The Selected candidate has to work on making runs of dynamical models on high power computing systems using CFS model framework and on the processing of dynamical and statistical models runs using various statistical tools for operational seasonal forecasting. • Also, should be able to contribute effectively to prepare value added products focusing on user needs. <p>Emoluments: (Rs. 15600-39100) + G.P-6600 + other admissible emoluments as per DST Guidelines</p>		
20	Project Scientist-I (Monsoon Mission-III)	3	<p>Essential Qualification: M.Sc. Degree or equivalent in Atmospheric Science/ Meteorology/ oceanography/ Physics/ Geophysics/ Mathematics from a recognized University/ Institution with at least 60% marks at Post Graduation. Or B. Tech. / B.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification: Doctorate degree in Meteorological Science or M. Tech. / M.E. Degree in above mentioned subjects with at least 60% marks from a recognized university/ Institute.</p> <p>Desirable Qualification:</p> <ol style="list-style-type: none"> Research Experience supported by publications in good impact journals would be an added advantage. Working knowledge of Atmospheric, Oceanic and Coupled General Circulation Models. Working experience with high power computing (HPC) systems. Demonstrated experience in using Programming languages (like FORTRAN 90, C/C++ etc.), Shell scripting, Meteorological data analysis tools (like GrADS, FERRET, NCL, NCO, CDO etc.). Handling of large volume of data and conversant with data format like NetCDF, HDF, GRIB etc. Experience in the open source geographical information tools for meteorological applications. Working knowledge of various statistical tools in research and data analysis. 	35 Years	Pune/ Delhi or anywhere in India as per requirement

			<p>Job Requirements:</p> <ul style="list-style-type: none"> • The Selected candidate has to work on the processing of dynamical and statistical models runs using various statistical tools for operational seasonal forecasting. • Also, should be able to contribute effectively to prepare value added products focusing on user needs. <p>Emoluments: (Rs. 15600-39100) + G.P-5400 + other admissible emoluments as per DST Guidelines</p>		
21	<p>Research Associate/ (Weather & Climate Services) Gramin Krishi Mausam Sewa (Agro-Meteorological Advisory Services)</p>	22	<p>Essential Qualification: Ph.D. / M. S. or equivalent degree in Agricultural Meteorology/Agricultural Physics/ Agricultural Statistics or having 3 years of research, teaching and design and development experience after M.Sc./ ME/ M. Tech with at least one research paper in Science Citation Indexed (SCI) Journal.</p> <p>(M.Sc. in Agricultural Meteorology/Agricultural Physics/ Agricultural Statistics or M.Tech. in Environmental Science/ Remote sensing and GIS /Computer Science from a recognized university)</p> <p>Emoluments: - Rs. 47000/- Plus HRA per month</p>	35 Years	New Delhi/Any where in India
22	<p>Research Associate/ (Weather & Climate Services) Training in Operational Meteorology</p>	08	<p>Essential Qualification: Ph.D./ M.S. or equivalent degree or having 3 years of research, teaching and design and development experience after M.Sc./ ME/ M.Tech with at least one research paper in Science Citation Indexed (SCI) Journal.</p> <p>(Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Electronics & Instrumentation or Computer Sciences or equivalent to any other subject considered relevant in the field)</p> <p>Emoluments: - Rs. 47000/- Plus HRA per month</p>	35 Years	Pune

23	Research Associate/ (Atmospheric Observations Network) Augmentation of Environmental Monitoring and Research	02	Essential Qualification: Ph.D./ M.S. or equivalent degree or having 3 years of research, teaching and design and development experience after M.Sc./ ME/ M.Tech with at least one research paper in Science Citation Indexed (SCI) Journal. (Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Environmental Science or Environmental Engineering or Electronics & Instrumentation or Computer Sciences or equivalent to any other subject considered relevant in the field) Emoluments: - Rs. 47000/- Plus HRA per month	35 Years	New Delhi
24	Research Associate/ (Atmospheric Observations Network) Satellite Meteorology	02	Essential Qualification: Ph.D./ M.S. or equivalent degree or having 3 years of research, teaching and design and development experience after M.Sc./ ME/ M.Tech with at least one research paper in Science Citation Indexed (SCI) Journal. (Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Electronics & Instrumentation or Computer Science or Environmental Science or Image Processing/ Remote Sensing or equivalent to any other subject considered relevant in the field) Emoluments: - Rs. 47000/- Plus HRA per month	35 Years	New Delhi
25	JRF/SRF (Weather & Climate Services) Gramin Krishi Mausam Sewa (Agro- Meteorological Advisory Services)	20	Junior Research Fellow (JRF) M.Sc. in Agricultural Meteorology/Agricultural Physics/Agricultural Statistics, M.Sc. in Meteorology/ or M.Tech. in Atmospheric Sci./ Atmospheric Physics / Meteorology / Remote sensing and GIS /Computer Science from a recognized university with NET qualification. Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research	28 Years	New Delhi/ Anywhere in India

			experience. Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month		
26	JRF/SRF (Weather & Climate Services) Augmentation of Aviation Meteorological Services	08	Junior Research Fellow (JRF) Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Electronics & Instrumentation or Computer Sciences or equivalent to any other subject considered relevant in the field with NET qualification. Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research experience. Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month	28 Years	New Delhi
27	JRF/SRF (Weather & Climate Services) Climate Services	10	Junior Research Fellow (JRF) Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Electronics & Instrumentation or Computer Sciences or equivalent to any other subject considered relevant in the field with NET qualification. Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research experience. Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month	28 Years	Pune
28	JRF/SRF (Upgradation of Forecast System) Upgradation of Hydro Meteorological Services	08	Junior Research Fellow (JRF) Master's Degree from a recognized university in Hydrology or water Resources or equivalent to any other subject considered relevant in the field with NET qualification. Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research experience. Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month	28 Years	New Delhi

29	JRF/SRF (Upgradation of Forecast System) NWFC / Program Division (MoES)	10	<p>Junior Research Fellow (JRF) Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Environmental Sciences or Computer Sciences or equivalent to any other subject considered relevant in the field with NET qualification.</p> <p>Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research experience.</p> <p>Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month</p>	28 Years	New Delhi
30	JRF/SRF (Atmospheric Observations Network) Upper Air Instrumentation Division	03	<p>Junior Research Fellow (JRF) Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Electronics & Instrumentation or Computer Sciences or equivalent to any other subject considered relevant in the field with NET qualification. Qualification Prescribed for JRF with two years of Research experience.</p> <p>Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month</p>	28 Years	New Delhi
31	JRF/SRF (Atmospheric Observations Network) Augmentation of Environmental Monitoring and Research	04	<p>Junior Research Fellow (JRF) Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Environmental Science or Electronics & Instrumentation or Computer Sciences or equivalent to any other subject considered relevant in the field with NET qualification.</p> <p>Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research experience.</p> <p>Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month</p>	28 Years	New Delhi
32	JRF/SRF (Atmospheric	01	<p>Junior Research Fellow (JRF) Master's Degree from a recognized university in Physics or</p>	28 Years	New Delhi

	Observations Network) Polar Meteorology		Mathematics or Meteorology or Atmospheric Science or Computer Applications or Environmental Science or Electronics & Instrumentation or Computer Science or Image Processing/ Remote Sensing or equivalent to any other subject considered relevant in the field with NET qualification. Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research experience. Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month		
33	JRF/SRF (Atmospheric Observations Network) Satellite Meteorology	04	Junior Research Fellow (JRF) Master's Degree from a recognized university in Physics or Mathematics or Meteorology or Atmospheric Science or Computer Applications or Electronics & Instrumentation or Environmental Science or Image Processing/ Remote Sensing or equivalent to any other subject considered relevant in the field with NET qualification. Senior Research Fellow(SRF) Qualification Prescribed for JRF with two years of Research experience. Emoluments: - Rs. 35000/- Plus HRA for SRF and Rs. 31000/- Plus HRA for JRF per month	28 Years	New Delhi

General Conditions: -

- Nationality** : Only Indian nationals are eligible.
Reservation : Relaxation in age and experience for SC/ST/OBC candidates will be as per GOI Rule.
Age limit : As on normal closing date of submission of application for recruitment advertised.

How to apply:

- i) The candidates can apply for more than one post.
- ii) On-line Application as per the Proforma should be submitted up to **09.10.2022**
- iii) Copies of certificates (self-attested) in support of educational qualification (10th Class Onwards), date of birth and experience, if any, should be uploaded with the application.
- iv) SC/ST/OBC certificate, if applicable, as per the prescribed format, should be uploaded with the application.
- v) Applicants are also required to bring original certificates/documents for verification at the time of interview.

- vi) The number of posts to be filled may vary. The Department reserves the right to cancel the recruitment without assigning any reason.
- vii) No correspondence will be entertained from the candidates who are not selected for appointment.

CANVASSING, IN ANY FORM, WILL RESULT IN DISQUALIFICATION OF CANDIDATURE

Selection Process:

The prescribed essential qualifications are minimum requirements and the mere possession of the same does not entitle candidates to be called for interview. If the numbers of applications, received in response to advertisement are large, it will not be convenient or possible to call all candidates for interview. Hence, India Meteorological Department (IMD) may restrict the number of candidates to be called for interview before Selection Board to the reasonable limit through screening process.

The criteria for screening of the applications will be based on candidates qualifying credentials against:

- i) The essential requirements specified above,
- ii) Date of birth,
- iii) Completeness of the application in terms of providing accurate details and submission of the passport size photograph, and copies of the marks list, academic and experience certificates, signature,
- iv) Essential experience,
- v) Desirable qualification and experience as specified above,
- vi) Consistent academic performance at one or more levels etc. The candidates experience certificates should clearly specify whether they possess the experience / knowledge / skills / technology / software platform requested in the essential / desirable experience requirements against the post. The benchmark for screening the applications will be set by a committee constituted to screen the applications. The final selection of the Screened in candidate will be based on the candidate's performance before the Selection Board. No correspondence will be entertained with candidates who are not called for interview/selected for appointment.

General Conditions:

- Candidates are required to apply ONLINE. No other means/mode of application will be accepted.
- Online application form & details of the advertisement is available at <https://mausam.imd.gov.in/> in Recruitment section.
- The candidate's age should not exceed the age limit mentioned above as on date of closure of application. Experience will be counted from the date of acquiring the essential academic qualifications.
- The experience, relevant to the requirement of job or research or teaching will only be considered towards the total period of experience.
- Doctorate degree in the relevant field will count as 3 years of experience.
- IMD reserves the right to cancel the recruitment process without assigning any reason thereof or vary the number of posts to be filled.
- Travel: No TA will be paid for attending the Selection/Interview.
- IMD will not be responsible for any other arrangements.

- The names of candidates screened-in for interview before Selection Committee will be displayed at India Meteorological Department website.

Application Procedure:

- The entire application procedure is made online.
- Copies of certificates in support of educational qualifications, date of birth, experience, no objection certificates (from present employer, if working), scanned signatures, passport size photograph, etc. should be uploaded during the online application process. Passport size Photograph, Signature should be in .jpg format with file size limit between 10KB to 100KB; remaining all certificates should be in .pdf format of each file less than 500 KB. Candidates are advised to be ready with all individual scanned documents of their certificates of educational & professional qualifications, marks memos, reservation certificate, if applicable, proof of date of birth, experience certificates, no objection certificates, scanned signature, passport size photograph etc. before starting filling up of the online application. Production of the original certificates is must while appearing for Interview. Applications submitted without the scanned copies of the relevant certificates, signature and passport size photograph will be rejected in the screening process itself. The certificates uploaded should be clearly visible and readable.
- Any discrepancies found in the certificates or uploading of wrong certificates will attract the disqualification of applications. Nonproduction of the original certificates will also make the candidate disqualified. The disqualified candidates will not be allowed for Interview. Candidates currently working in any other organization need to provide the proof of their current employment with a service certificate from the employer / latest pay slip, etc. Appointment orders /resumes will not be considered as proof of current employment. In addition, the experience certificates should clearly show the date of joining and date of resignation. In case the screening committee is unable to get the documentary evidence for the number of years of experience claimed by the candidate such periods of experience will be considered as NIL.
- The candidates, if any, presently working in Central Govt. /State Govt. / PSUs/Autonomous Bodies/University etc. are required to provide No Objection/cadre clearance from current employer at the time of interview. The current employer will also certify their Vigilance Clearance and Integrity.
- Incomplete applications in any respect are liable to be rejected summarily. No representation against such rejection will be entertained.
- Canvassing in any form will be a disqualification.

Note: Candidate should not have any type of conviction in the court anywhere in India.

Instructions to Candidates for filling Online Application:

- **WebPages are best viewed in Firefox, Chrome and Opera.**
- Before submitting the online application, the applicants are requested to go through carefully the details of the post and content of the post on the website.

- Submit online application well before the **last date i.e. 09.10.2022** along-with legible and scanned copies of educational qualification, experience certificates, date of birth, disability (OH, PH), caste (ST/ST/OBC) certificate, Ex-servicemen Certificate, No Objection Certificate in **.pdf format not exceeding 500KB** for each document/attachment **without** any password protected and corrupted pdf file. If the certificates are in a language other than English or Hindi, then attested translation should be uploaded.
- **Please be noted that the online application form is not editable after final submission.**
- **The applicants are not required to send hard copies.**
- A recent passport size photograph (scanned) should be in **.jpg format (with file size limit between 10KB to 100KB).**
- Signature (scanned) should be in **.jpg format (with file size limit between 10KB to 100KB)**
- The applicants are advised to fill in all their particulars carefully in the online application.
- Incomplete application shall be rejected.
- Applicants are advised to retain the acknowledgement and printout of the submitted online application for future reference.
- In case of difficulty in the submission of online application form please email the queries to **imdrecruitment2022@gmail.com** or **imd.dgmrc@imd.gov.in**
- Date of closure of online application is **09.10.2022**

No TA/DA will be paid to any candidate for attending the interview.

**(Scientist E)
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India Meteorological Department
Mausam Bhawan, Lodi Road
New Delhi-110003
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