



Ministry of Earth Sciences
India Meteorological Department
Regional Meteorological Centre, Kolkata



1) A brief introduction to RMC Kolkata, India Meteorological Department

India Meteorological Department was established in 1875. It is the National Meteorological Service of the country and the principal government agency in all matters relating to meteorology and allied subjects.

Responsibilities of RMC Kolkata, IMD are as follows:

- To take meteorological observations and to provide current and forecast meteorological information for optimum operation of weather-sensitive activities like agriculture, irrigation, shipping, aviation, offshore oil explorations, etc.
- To warn against severe weather phenomena like tropical cyclones, norwesters, duststorms, heavy rains and snow, cold and heat waves, etc., which cause destruction of life and property.
- To provide meteorological statistics required for agriculture, water resource management, industries, oil exploration and other nation-building activities.
- To conduct and promote research in meteorology and allied disciplines.
- To detect and locate earthquakes and to evaluate seismicity in different parts of the country for development projects.
- Establish Meteorological observatories.
- Analyse and interpret meteorological observations and issue forecasts.
- Scrutinise and process observational data for climatological archives.
- Apart from all above, RMC Kolkata, IMD imparts Internship or Dissertation at RMC Kolkata, Alipore in various fields of meteorology encompassing a wide range of specializations. Essential qualifications and terms and conditions are detailed as follows.

2) Eligibility/ Essential Qualifications:

(i) M.Sc./ M.Tech/ B. Tech/ B.Sc completed/ undergoing in Meteorology / Oceanography / Atmospheric Science / Climate Science / Physics / Geophysics with specialization in Meteorology / Mathematics / Applied Mathematics / Statistics / Earth System Science and Technology / Computer Science or related discipline from a recognized university.

AND

(ii) At least 7.0 CGPA/ 55% of marks (average percentile/ percentage of marks of all the completed semesters).

3) Duration of Internship/Dissertation:

02 to 06 months (Period: January to June).

4) Subjects for Internship/Dissertation:

- Weather Observation & Forecasting, Hydrometeorology, Civil Aviation Meteorology, Agricultural Meteorology, Climatology, Instrumentation, Meteorological Telecommunication, Satellite Meteorology, Radar Meteorology, etc.

5) Panel of available supervisors

- (i) **Dr. Somenath Dutta** (Head and Scientist -G, PhD in Mathematics); Area of Interest for research/internship: Atmospheric Dynamics, Atmospheric thermodynamics and Atmospheric energetics and NWP.
- (ii) **Dr. Habibur Rahaman Biswas** (Scientist F, RMC Kolkata, PhD in Atmospheric Science); Area of Interest for research/internship: Synoptic Meteorology and Weather Forecasting.
- (iii) **Dr. Ganesh Kumar Das** (Head MWO Kolkata & Scientist E, PhD in Atmospheric Science); Area of Interest for research/internship:
- (iv) **Dr. Divesh Choudhary** (Scientist-D, RMC Kolkata, PhD Agricultural Meteorology); Area of Interest for research/internship: Agricultural Meteorology, Crop weather Relationship, Crop simulation Modelling, Agromet Advisory Services, Climate change impact on agriculture, micrometeorology.
- (v) **Shri Sunny Chug** (Scientist-D, MWO Kolkata, M.tech in Applied Physics); Area of Interest for research/internship: Networking, Communication, Aviation Instruments, Designing of WebPage for customization of products.
- (vi) **Dr. Sourish Bondyopadhyay** (Scientist-D, RMC Kolkata, PhD in Physics); Area of Interest for research/internship: Weather forecasting, Extreme weather events e.g. Thunderstorm, Lightning, Norwester, Heavy rain etc., Cyclone, NWP, AI/ML/DL in weather forecasting.
- (vii) **Shri Pravat Rabi Naskar** (Scientist-D, MWO Kolkata, PhD (Meteorology) ongoing, BHU MSc. (Physics), IIT Guwahati); Area of Interest for research/internship: Renewable Energy Meteorology, Climatology, Tropical Cyclone, Air-sea interactions (Turbulent Heat Fluxes), Bio-meteorology.
- (viii) **Shri Debapriyo Roy** (Head PAC Kolkata & Scientist-D, M.Sc in Physics); Area of Interest for research/internship:
- (ix) **Shri Sachin Yadav** (Scientist -C, RMC Kolkata & DWR Kolkata, B.Tech in Electronics & Instrumentation); Area of Interest for research/internship: Radar and Automatic Weather Station.
- (x) **Dr. Anwesa Bhattacharya** (Scientist-C, RMC Kolkata, PhD in Atmospheric Science); Area of Interest for research/internship: Cloud Microphysics, Mesoscale Modeling, Satellite Meteorology, Aerosol.

6) Terms and Conditions for Internship/Dissertation at RMC Kolkata, IMD

RMC Kolkata, IMD lay out term and conditions for doing Internship or dissertation at RMC Kolkata, Alipore. The interested students can apply for it in the prescribed format provided here. The terms and conditions are given in details below:

- i) RMC Kolkata, IMD will not provide any remuneration/ fellowship/ stipend, TA/DA, accommodation/ guest house facility, conveyance, transport, medical facility/ medical reimbursement, etc., to any intern during/for the entire period of internship/ dissertation.
- ii) In the event of casualty, injury or illness of any intern during the entire term of his/her internship/dissertation, the intern or the intern's dependents, legal heirs, claimants. etc., shall not be entitled to any compensation whatsoever of any form from RMC Kolkata, IMD, and RMC Kolkata, IMD shall not have any financial obligation to any such untoward adversities.
- iii) No contractual/permanent position will be offered based on the internship/dissertation. RMC Kolkata, IMD will not be responsible for any financial obligation, health issues or any other arrangements.

7) General Points:

- a) Students may be allowed to work in hybrid mode (physical & online) if desired by competent authority/respective supervisor.
- b) Application form for internship/dissertation is attached below. The filled application form should be strictly forwarded from HOD/Dean/Head of organization. The application form without recommendation from HOD/Dean/Head of organization will not be entertained.
- c) Obtaining recommendation from university or fulfilling the minimum prescribed essential qualifications and the mere possession of the same does not entitle students to be offered for internship/dissertation at RMC Kolkata, IMD. All eligible candidates will mandatorily go through a screening process for final selection.
- d) The last date of application for Internship / Dissertation work will be as follows- 10th December, for two/six months program starting from January; 1st February for two months program starting from March; 1st April for two months program starting from May.
- e) Applications after the closing date or received incomplete in any respect are liable to be summarily rejected. No representation against such rejection will be entertained.
- f) Contact details for submission of application and relevant query:

E-mail address: (1) Academic.rmckolkata@gmail.com

(2) ind.rmckol@gmail.com

**Government of India, Ministry of Earth Sciences
India Meteorological Department, Regional Meteorological Centre, Kolkata 04
Duel Avenue, Alipore, Kolkata-700027**

Affix passport
/stamp size
photograph

1. Name in full (in block letters):

2. Father's Name:

3. Date of Birth: _____; Gender: _____; Religion: _____

4. Address for correspondence with E-mail & mobile No.:

5. Name of the Institute/organization with postal address:

6. Educational Qualification (Semester wise percentage/ SGPA of current degree)

S. No.	Courses Passed	University/Institution/ Board	Year of Passing	Subjects taken	Results with Division with Percentage/CGPA

7. Area of Interest to do Internship/Dissertation works:

8. Period (i.e. starting month-ending month) of Internship/Dissertation works:

9. Mode of presence (fully physical or hybrid mode i.e. physical & online):

10. Applying for (Tick only one choice): Internship / Dissertation

11. Skills related to topic of interest, if any (Software, Computer Programming etc.):

12. Any other relevant information (e.g. previous experience related to the topic, etc.):

13. Declaration: I certify that the above information is correct and complete to the best of my knowledge and belief and nothing has been concealed/ distorted. If at any time, I am found to have concealed/ distorted any material/ information, my application will be canceled without any notice. Further, I completely understand that RMC Kolkata, IMD will not provide me any remuneration/ fellowship/ stipend, TA/DA, accommodation/ guest house facility, conveyance, transport, medical facility/ medical reimbursement, etc., during/for my entire period of internship/ dissertation. In the event of any casualty, injury or illness of myself during the entire term of my internship/ dissertation, myself or my dependents, legal heirs, claimants. etc., shall not be entitled to any compensation whatsoever of any form from RMC Kolkata, IMD, and RMC Kolkata, IMD shall not have any financial obligation to any such untoward adversities. No contractual/permanent position will be offered to me based on the internship/dissertation.

Place & Date:

(Name and Signature of Candidate)

10. Recommendation from HoD/Dean/competent authorities: I certify that Mr/Ms..... completed semester of degree with averaged CGPA in this institute/university and recommend him/her for internship/dissertation works at RMC Kolkata, IMD.

Place & Date:

**(Name and Signature of HoD/Dean/competent authorities)
With official seal/stamp**