

CURRICULUM VITAE

Manali Saha

MTech in Atmospheric Sciences

Indian Institute of Remote Sensing, ISRO

Email- manalisaha0612@gmail.com

Contact Number- 8420997681



Current Affiliation: Ph.D. Student at Indian Institute of Technology, Bombay

Educational Qualifications:

1. **MTech. in Remote Sensing and GIS (Marine and Atmospheric Sciences)** (2020-2022)
 2. **MSc. in Atmospheric Sciences** (2018-2020)
 3. **BSc. in Physics** (2015-2018)
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Research Experiences:

1. **Indian Institute of Remote Sensing, ISRO [M Tech. Thesis]** (September,2021- May,2022)
Title: Response of the Indian Summer Monsoon to the Variable Warming Scenarios
 2. **Indian Institute of Remote Sensing, ISRO [Case Study]** (August 2021)
Title: Characteristics of recent Cloudburst events based on INSAT data
 3. **Ballygunge Science College, University of Calcutta [MSc. Thesis]** (January,2020 – June,2020)
Title: Understanding the Long-term Impact of Aerosols on Cloud Properties over Gangetic West Bengal: impact on Rainfall
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Skills Acquired :

1. Programming Knowledge: MATLAB, R, FORTRAN, C, C++
 2. Software Knowledge: ArcGIS, GrADS, ENVI, SNAP, Panoply, ERDAS Imagine
 3. Installation and Execution of WRF-ARW
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Achievements:

1. Golden Jubilee Fellowship at Indian Institute of Remote Sensing, ISRO for ranking 1st in M Tech Marine and Atmospheric Sciences Department.
2. Ranked 3rd in the University of Calcutta, Department of Atmospheric Sciences.