

# CURRICULUM VITAE

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## REWATA CHOWHAI

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**Date of birth:** 30/12/1994



## EDUCATION AND QUALIFICATIONS

NET/SLET & Others	CSIR-NET (June 2019)
2019-2022	Cotton University, Guwahati, Assam Research Scholar, Area of Interest: Metamorphic Geology Study Area: Karbi Hills (Mikir Hills)
2016-2018	Cotton University, Guwahati, Assam Master of Science, Geology (64 core credits) Elective and Compulsory (16 credits) CGPA (core): 7.5, CGPA (all subjects): 7.44
2013-2016	Cotton University, Guwahati, Assam Bachelor of Science, Major in Geology (72 core credits) Elective [Mathematics & Physics (36 credits)], Compulsory (12 credits) CGPA (core): 6.89, CGPA (all subjects): 6.58
2010-2012	Reliance College Jr, Golaghat, Assam Class 12 (Higher Secondary), AHSEC Physics, Chemistry, Biology, Mathematics(4 <sup>th</sup> ), English, Alt. English Percentage: 71.6%
2010	Holy Family High School, Japralangso, Karbi Anglong, Assam Class 10 (Metriculation), SEBA English, English 3 <sup>rd</sup> , Hindi 3 <sup>rd</sup> , Mathematics, Advanced Mathematics, General Science, Social Science Percentage: 83.5%

## **WORK EXPERIENCE**

2018 Cotton University, Guwahati, Assam  
MSc Project work: “Utilities of Spaceborne SAR Imagery (EnviSat) and Multispectral Optical Imagery (Landsat 7 ETM+) for Offshore Oil Spill Detection and Mapping\_\_\_\_\_Comparative Study”.

## **GEOLOGICAL FIELD EXPERIENCE**

Jan’2018 Margherita-Ledo Area, Assam and Changlang Area, Arunachal Pradesh.  
Study of the rocks, structures and lithostratigraphic unit of Tirap river section, Margherita Changlang road section, Namdang section and Tipong Pani section.  
Observation of Tirap colliery (opencast) and Tipong colliery (underground).

Field Guides Dr. Ananya Chutia, Assistant Professor, Mr. Parag Jyoti Dutta, Associate Professor, Department of Geology, Cotton University and Dr. Chitra Dhar Taye, Researcher of Dibrugarh University.

Jun’2017 Shillong-Mawsynram Area, Meghalaya.  
Studied and observed the soil profile (O, A, B, C layers), various rock types and structures of Shillong Plateau.

Field Guides Dr. Bibhuti Gogoi, Assistant Professor, Dr. Amiya Baruah, Assistant Professor and Dr. Anwarul Alam Laskar, Assistant Professor (Presently at Rajiv Gandhi University, Arunachal Pradesh), Department of Geology, Cotton University

Jan’2017 Garchuk-Pamohi-Tatimara-Chandrapur Area, Kamrup, Assam.  
Studied and observed various rock type and structures of Precambrian Assam-Meghalaya Plateau.

Field Guides Dr. Amiya Baruah, Assistant Professor and Dr. Anwarul Alam Laskar Assistant Professor (Presently at Rajiv Gandhi University, Arunachal Pradesh), Department of Geology, Cotton University.

Mar’2016 Umiam-Shillong-Mawsynram-Cherapunjee Area, Meghalaya.  
Studied and observed various rock type and structures of Shillong Plateau.

Field Guides Dr. Hemangi Deka Sarma, Associate Professor and Dr. Tamal Barma, Associate Professor, Department of Geology, Cotton University.

Jan’2015 Boragaon-Garchuk-Pamohi-Tatimara-Chandrapur Area, Kamrup, Assam.  
Studied and observed various rock type and structures of Precambrian Assam-Meghalaya Plateau.

Field Guides      Dr. Madhurjyjit Chakravarty, Associate Professor, Mr. Parag Jyoti Dutta, Associate Professor and Mrs. Anamika Gogoi, Assistant Professor, Department of Geology, Cotton University.

### **CURRICULAR ACTIVITIES**

- Presented academic seminar as part of 4 credit paper in 3<sup>rd</sup> semester of the MSc, titled: “Tectonic Setting of Sedimentary Basins”.
- Participated in academic group discussion as part of 1 credit paper in 2 semester of MSc, topic: “Electronic media replacing the Print media”
- Participated in academic group discussion as part of 4 credit paper in 6<sup>th</sup> semester of BSc, topic: “Seismic Zone of the World”.
- Presented academic seminar as part of 4 credit paper in 4<sup>th</sup> semester of the BSc, titled: “Solid Solution”.

### **EXTRA- CURRICULAR ACTIVITIES**

- Awardee of ONGC SC/ST Meritorious Scholarship 2016-17.
- Awardee of NCC A-Certificate, NER Directorate.
- Attended three Combined Annual Training Camps (total 30 days), Jorhat, 2006-07.
- Selected for NER Pre-Thal Sainik Camp Preliminary Stage (12days), Jorhat, 2007.
- Selected for NER Pre-Thal Sainik Camp Final stage (12 days), Jorhat, 2007.
- Selected for All India Thal Sainik Camp (13 days), Delhi, 2007.

### **SKILLS**

- Geological Mapping, Geological Fieldwork and Knowledge in GIS & GPS.
- Mapping using grid reference and Brunton Compass.
- Basics knowledge of R languages.
- Working ability in Microsoft Word, Excel, PowerPoint.
- Knowledge of ArcGIS, SagaGIS, SNAP, ENVI, MATLAB, QGIS software.
- Shooting with .22 Rifle (Lying, Kneeling, Standing Position).

### **HOBBIES**

- Trekking
- Swimming
- Travelling and Exploring places

### **REFEREES**

1. Dr. Hemangi Deka Sarma, Associate Professor, Department of Geology, Cotton University

Area of Specialization: Metamorphic and Structural Geology

Email id: [sarma.hemangi@yahoo.com](mailto:sarma.hemangi@yahoo.com)

2. Dr Madhurjyot Chakravarty, HOD, Associate Professor, Department of Geology, Cotton University

Area of Specialization: Fluvial Geomorphology

Email id: [madhurjyocbty@rediffmail.com](mailto:madhurjyocbty@rediffmail.com)

3. Mr. Parag Jyoti Dutta, Associate Professor, Department of Geology, Cotton University

Area of Specialization: Landslide Science, Spatial Statistics, Economic Geology, Hydrogeology

Email id: [paragj Dutta@gmail.com](mailto:paragj Dutta@gmail.com)

4. Dr. Ananya Chutia, Assistant Professor, Department of Geology, Cotton University

Area of Specialization: Sedimentology

Email: [ananyachutia@gmail.com](mailto:ananyachutia@gmail.com)