

## PRITOM BORAH

### Assistant Professor

Department of Geology, Royal School of Environmental & Earth Sciences, The Assam Royal Global University, Guwahati, India

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### Educational Profile

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**Ph.D., Metamorphic Geology** **2020**

Department of Geological Sciences, Gauhati University

Research theme: *Charnockites and associated rocks in the Shillong Plateau: Petrological implications in the evolution of high-grade terrain in Northeast India.*

**M.Sc. (Geology)** **2010-2012**

Department of Geological Sciences, Gauhati University

**B.Sc. (Geology-H, Chemistry, Mathematics)** **2007-2010**

Department of Geology  
Jagannath Barooah College, Dibrugarh University

### Past Teaching Experience

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- **Guest Lecturer** in the department of Geology, Pragjyotish College for the period of February to May, 2020 (Teaching Undergraduate students).
- **Teaching Associate** in the department of Geological Sciences, Gauhati University from February, 2021 to August, 2023 (2.5 years-Teaching Postgraduate students).

### Achievements

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- **Qualified Graduate Aptitude Test in Engineering (GATE), 2015** conducted jointly by the Indian Institute of Science (IISc), Bangalore and Indian Institute of Technology (IIT) s (MHRD-Ministry of Human Resource Development, Govt., of India).

### Publications

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#### LIST OF JOURNAL ARTICLES

- Amulya Chandra Mazumdar, Jayanta Kumar Pati, Anuj Kumar Singh, Balen Bhagabaty, Sarat Phukan, **Pritom Borah** (2023): Petrography, mineral chemistry, metamorphism and Raman spectroscopic studies of Mahadevpur fall meteorite, India. *Geological Journal*, 1–16.

- Pranjit Hazarika, Dewashish Upadhyay, Biswajit Mishra, **Pritom Borah** and Kumar Abhinay (2021): Modelling B-release and isotopic fractionation during metamorphic dehydration of basalt and pelite: Implications for the source of mineralizing fluid in greenstone-hosted orogenic gold deposits. *Geochimica et Cosmochimica Acta*, Vol.304, pp.83-100.
- **Pritom Borah**, Pranjit Hazarika, Amulya Chandra Mazumdar and Mridul Rabha (2019): Monazite and xenotime U–Th–Pb<sub>total</sub> ages from basement rocks of the (central) Shillong–Meghalaya Gneissic Complex, Northeast India. *Journal of Earth System Science*, 128:68.
- Balen Bhagabaty, Manjit Kumar Mazumdar, Amulya Chandra Mazumdar and **Pritom Borah** (2017): Geochemical Characteristics of Tukureswari and Barbhita Granitoid in Goalpara District, Assam. *Journal of Geological Society of India*. Vol.89, pp.532-540.

#### **LIST OF BOOK CHAPTER**

- Amulya Chandra Mazumdar and **Pritom Borah** (2021) Significance of the Shillong Plateau (North East India) in the Palaeogeographic Reconstruction of Gondwana Supercontinent; In: *North-East India Physical Landscape and Environment* (ed.) A. K. Bora and K. Das, Eastern Publication.

#### **Conference Articles**

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- **P. Borah**, B. Bhagabaty, M. Rabha and A.C. Mazumdar, 2014. Petrographical, Textural and Mineral Compositional Changes across Unbroken “Transitional” Granulites in Goalpara District, Assam. National seminar organized by Pachhunga University College on ‘Geology, Tectonics, Geo-Hazards and natural resources of North East India’, Aizwal, Mizoram. [Awarded best presenter for oral presentation]

#### **Trainings/Workshops Attended**

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- Indian Science Academies’ sponsored workshop on “**New approaches of Geological field studies**” during 9<sup>th</sup> to 11<sup>th</sup> October, 2014 at Arya Vidyapeeth College, Guwahati.
- One week workshop on “**Geo-informatics in Geology**” organized by Department of Geological Sciences, Gauhati University-2016.
- One week workshop on “**Petrography**” organized by Department of Geological Sciences, Gauhati University-2017.

#### **Academic positions and responsibilities within RGU**

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- Assistant Professor since September, 2023.
- Assistant Director, Royal Centre for Corporate Relations.
- Department Placement Coordinator.