

CURRICULUM VITAE

DR. ABHIJIT GOGOI

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Work Experience

Assistant Professor, Department of Geology, The Assam Royal Global University

July 2023- Present

Research Interests

Ore Geology, Mineral exploration

Specific areas of research

Mineral exploration especially focussing in NE India

Research Projects

Ongoing Project:

1. Assessment of Gold in Pyrite in a shear-dominated regime in a part of Dima Hasao district of Assam.

Funding Institute: The Assam Royal Global University under SEED money, 2024

Educational Qualification

Ph.D., Department of Applied Geology, Dibrugarh University

M.Sc., Department of Applied Geology, Dibrugarh University

B.Sc., J.B. College, Jorhat

H.S., J.B. College, Jorhat

H.S.L.C., Don Bosco School, Amguri

Achievements

Discovered a layered mafic-ultramafic complex in the northeast Karbi Hills of Shillong Plateau, where Platinum group of elements (PGE) were detected for the first time (Majumdar and Gogoi, 2019).

Publications

7. Dilip Majumdar, **Abhijit Gogoi**, Arundhuti Ghatak, Angana Saikia, Nilotpol Bhuyan, P.V. Sunder Raju, (2022). Geochemistry and magnetite mineral properties in a porphyry copper prospect in A-type granitoids: A case study from the Karbi Hills of Northeast India. *Geological Journal*, [https://doi.org/ 10.1002/gj.4577](https://doi.org/10.1002/gj.4577).
6. Dilip Majumdar, **Abhijit Gogoi**, Arundhuti Ghatak, (2021). An investigation of Fe-Ti , V in the north-east Karbi Hills, Shillong Plateau, north-east India: Implication for mineralization. *Geological Journal*, [https://doi.org/ 10.1002/gj.4312](https://doi.org/10.1002/gj.4312).
5. Dilip Majumdar, **Abhijit Gogoi**, Pankhi Dutta (2021). Assessment of the distribution of Rare Earth Metals in rift related granitoids of Karbi Hills, Assam. Book Chapter in “Recent Advances in Earth Science Research in North East India”, published by Nagaland University, NE India, ISBN: 978-93-89262-08-7, pp. 186-203.
4. Dilip Majumdar, **Abhijit Gogoi** (2020). Prospectivity of Mesoproterozoic magmatism in the northern Karbi Hills, NE India **for porphyry copper mineralization**. *Ore Geology Reviews*, <https://doi.org/10.1016/j.oregeor.2020.103467>.
3. Dilip Majumdar, Abhijit Gogoi (2019). First report on platinum occurrence in ultramafic-mafic complex, East-Central Karbi Hills of Assam, NE India. *Journal of the Geological Society of India*, <https://doi.org/10.1007/s12594-019-1303-9>.
2. **Abhijit Gogoi**, Dilip Majumdar, John Cottle, Pankhi Dutta (2019). Geochronology and geochemistry of Mesoproterozoic porphyry granitoids in the northern Karbi Hills, NE India: Implications for early tectonic evolution of the Karbi Massif. *Journal of Asian Earth Sciences*, <https://doi.org/10.1016/j.jseaes.2019.04.013>.
1. Dilip Majumdar, Pankhi Dutta, **Abhijit Gogoi** (2016). Contribution to the physico- chemical condition of granitoid emplacement in a part of Karbi Hills, NE India. *SCIREA Journal of Geosciences*.

Workshops

1. Attended a Workshop on “**Petrography**” at **Gauhati University**, (27th March - 1st April, 2017).
2. Participated in Science Academics Refresher Course in Geology, “**Mineralogy, Petrology, Thermodynamics, Ore Geology, Structural Geology and Tectonics**” from September 17th – 30th, 2018 organized by **Department of Geology, Mizoram University**, Aizawl-796004.

Paper Presentation

1. Paper presented titled “**Geology and Geochemistry of Mafic magmatics of Dizo Valley, Northwestern Karbi Hills, Assam: Its relevance to Kerguelen Plume Activity**” at National Symposium on **Emerging Trends in Geosciences, Mineral Exploration and Environmental Sciences for Sustainable Development**, organised by Indian Society of Applied Geochemists (**ISAG**) held at AMD, **Hyderabad**, December 20-21, 2017.
2. Paper presented titled “**A quick look to the differentiation status of A- type granites occurring in parts of Karbi Hills Massif: Evidence from REE profile and accessory mineralogy**” at **AOGS 2017** - 14th Annual Meeting of the Asia Oceania Geosciences Society held at **Singapore**, August 6-11, 2017.
3. Paper presented titled “**Assessment of the distribution of rare earth metals in rift- related granitoids of Karbi Hills, Assam**” at National Seminar on **Geology, Geochemistry, Tectonics, Energy and Mineral Resources of North-East India**, held at **Nagaland University**, November 9-11, 2016.

Award/Certificate

1. Awarded 3rd Prize in collaboration for presentation of poster entitled “**Development of old Oil Field with New Vision**” in the OIL INDIA sponsored PETRO CONCLAVE 2013, held in Dibrugarh University.
2. Awarded 1st Prize in the poster competition organized by the “**Late Kalinath Deka Memorial Educational Trust**” in the Department of Applied Geology, Dibrugarh University.