

## PROFILE

- 1. Name** : **DR. AMITAVA PATRA**  
**2. Designation** : **Assistant Professor of Geology**  
**3. Date of Joining N.U.** : 8<sup>th</sup> May 2023  
**4. Email Id** : amitava.geol@gmail.com  
**5. Contact No.** : 91- 8808782428  
**6. Educational Qualifications** : M. Sc. (Burdwan University) Ph.D. (BHU)

Topic of Ph.D. Thesis : *Depositional Environment of the Paleogene Sequences of Jaisalmer Basin, Rajasthan, India*

**7. Specialization/Area of Interest:** Sedimentology & Paleoclimate

**8. Work Experience/Professional Career**

Sl. No	Position Held	University/Institution	Period with Date
1.	Post-Doctoral Fellow	Physical Research Laboratory, Ahmedabad	2years (23.9.16 to 20.9.2018)
2.	Assistant Professor in Geology	Nagaland University Kohima Campus, Meriema	Since 08/05/2023

**9. Scholastic Achievements**

- Awarded **UGC-DS Kothari** Post Doctoral Fellowship 2016.
- Recipient of **UGC-RFSMS** (Research Fellowship in Science for Meritorious Students' 2013).

**10. Academic and Research Contribution**

**Publications: 10**(Research Papers)

1. A.K. Maji, **A. Patra**, and P. Ghosh (2010): An overview on geochemistry of Proterozoic massif type anorthosites and associated rocks. *Journal of Earth System Science*, Vol.119 (6), pp. 861-878.
2. B.P. Singh, J.S. Pawar and **A. Patra** (2013): Geochemistry of Late Eocene/Oligocene calcretes (caliche) of the Northwestern Himalaya, India. *Himalayan Geology*, Vol. 34(2), pp. 135-140.
3. **A. Patra**, B.P. Singh and V.K. Srivastava (2014): Provenance of the late Paleocene sandstones of the Jaisalmer Basin, Western India. *Geological Society of India*, Vol. 83, pp. 657-664.
4. **A. Patra** and B.P. Singh (2015): Facies characteristics and depositional environments of the Paleocene–Eocene strata of the Jaisalmer basin, western India. *Carbonates and Evaporites*, 30, pp.331-346.
5. B.P. Singh, Y. Raghurani Singh, D.S. Andotra, **A. Patra**, V.K. Srivastava, Venus Gururibam, Umarani Sijagurumayum and G.P. Singh (2016): Tectonically driven late Paleocene (57.9–54.7 Ma) transgression and climatically forced latest middle Eocene (41.3–38.0 Ma) regression on the Indian subcontinent. *Journal of Asian Earth Sciences*, Vol.115, pp.124-132.
6. **A. Patra** and B.P. Singh (2017): Geochemistry of the Eocene limestones of the Jaisalmer Basin, Rajasthan, India: Implications on depositional conditions and sources of rare earth elements. *Geochemistry International*. Vol. 55, pp. 1180-1192.
7. V.K. Srivastava, B.P. Singh and **A. Patra** (2018). Provenance of the late Paleocene

- Matanomadh sandstones, Kachchh, Western India. Society of Earth Scientists (Springer). [https://doi.org/10.1007/978-3-319-77443-5\\_6](https://doi.org/10.1007/978-3-319-77443-5_6).
8. S. Kanhaiya, S. Singh, C. K. Singh, V. K. Srivastava and **A. Patra** (2019). Geomorphic evolution of the Dongar River Basin, Son Valley, Central India. *Geology, Ecology, and Landscapes*, Vol. 3, pp.269-281.
  9. **A. Patra** and Anil D. Shukla (2020). Geochemical signatures of Late Paleocene sandstones from the Sanu Formation, Jaisalmer basin, Western India: Implication for provenance, weathering and tectonic setting. *Journal of Earth System Science*, Vol.129(81), <https://doi.org/10.1007/s12040-020-1358-4>.
  10. **A. Patra**, A.D. Shukla, S. Kumar, B.P. Singh (2021). Signatures of hyperthermal events in the Late Paleocene–Early Eocene limestone succession of the Jaisalmer basin, India. *Carbonates and Evaporites*, Vol. 36 (1), <https://doi.org/10.1007/s13146-020-00666-6>.

## **11. Seminars/Symposia/Workshops/Meetings attended/participated:**

### **Abstract presented in Conferences:**

- ❖ Presented abstract on the title “Sedimentological investigation of the early Paleogene succession of Jaisalmer Basin, Rajasthan, Western India.” In the Paleogene of the Indian subcontinent organized by Geological Survey of India, Lucknow and Birbal Sahni Institute of paleobotany, Lucknow 23-24 April, 2015.
- ❖ Presented abstract on the title “Facies and paleogeography of the Eocene limestone, Jaisalmer basin, Rajasthan, Western India. In Geoindia, organized by ONGC, 2015.
- ❖ Presented abstract on the title “Facies and paleogeography of the Eocene limestone, Jaisalmer basin, Rajasthan, Western India. In Geoindia, organized by ONGC, 2015.
- ❖ Presented abstract on the title “Facies architecture and depositional environments of the early Paleogene Succession of the Jaisalmer basin, Rajasthan, western India.” In the XXX convention of Indian Association of Sedimentologists, held at Manipur University, Imphal, November 28-30, 2013.
- ❖ Presented abstract on the title “Provenance of the late Paleocene sandstone of Jaisalmer basin, Western India.” In the Geoyouth-2013 held at Mohanlal Sukhadia University, Udaipur, 15-16 February, 2013.

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