



Dr. Ashutosh Kumar Ph.D.

Assistant Professor

Department of Geology

Earth Science

IGNTU, Amarkantak (M.P.) - 484 887

Email : ashutosh.kumar@igntu.ac.in ; ashutoshgeo@gmail.com

Mob : +91 8808 635 402

Education

- **B.Sc. (Hons.)(Geology):** North Orissa University, 2007
- **M.Sc. (Geology):** Banaras Hindu University, 2009
- **Ph.D. (Geology):** Banaras Hindu University, 2018

Research Interests

- Metamorphic Petrology
- Geothermobarometry and Pseudosection (Equilibrium Phase Diagram) modelling
- Tectonometamorphic and magmatic evolutions of Lesser Himalayan Nappes and Klippes
- Geochemistry and geochronology of Hard Rocks
- Hydrogeochemistry

Experience

- *Assistant Professor* in the Department of Geology, **IGNTU** (2021).
- **Board of Research in Nuclear Sciences (BRNS) Junior and Senior Research Fellow** in the Department of Geology Institute of Science, **Banaras Hindu University** (2015 to 2020).
- **DST Junior Research Fellow** in the Department of Civil Engineering, **IIT (BHU)** (2010 to 2011).

Publications and Book Chapter

- Sughosh Madhav, **Ashutosh Kumar**, Jyoti Kushawaha, Arif Ahamad, Pardeep Singh, S. B. Dwivedi. Geochemical assessment of groundwater quality in Keonjhar City, Odisha, India. Sustainable Water Resources Management (2020) 6:46, ISSN- 2363-5045, <https://doi.org/10.1007/s40899-020-00395-7>.
- Mallickarjun Joshi, **Ashutosh Kumar***, P. Ghosh, Biraja P. Das and Ph. Mitribina Devi. North Almora Fault: A Crucial Missing Link in the Strike Slip Tectonics of Western Himalaya. Journal of Asian Earth Sciences, 172, 249–263, 2019. ISSN- 1367-9120. doi.org/10.1016/j.jseaes.2018.09.002.
- Biraja P. Das, Mallickarjun Joshi and **Ashutosh Kumar**. Tectonochemistry and P-T Conditions of Ramgarh and Almora Gneisses from Askot Klippe, Kumaun Lesser Himalaya. Acta Geologica Sinica (English Edition), 93(2), 322-343, 2019 ISSN – 1755-6724. DOI: 10.1111/1755-6724.13814.
- Sughosh Madhav, Arif Ahamad, **Ashutosh Kumar**, Jyoti Kushawaha, Pardeep Singh and P. K. Mishra, Geochemical assessment of groundwater quality for its suitability for drinking and irrigation purpose in rural areas of Sant Ravidas Nagar (Bhadohi), Uttar Pradesh; Geology, ecology, and landscapes, 2018, Taylor & Francis, ISSN - 2474-9508, <https://doi.org/10.1080/24749508.2018.1452485>.
- M. Joshi, **Ashutosh Kumar**, and Shilpi Rai. Petrotectonics of Olivine Dolerite Intruding Almora Nappe, Kumaun Lesser Himalaya. Journal of Scientific Research, Vol60, 1-10, 2016 ISSN: 0447-9483.
- M. Joshi, Ph. M. Devi and **Ashutosh Kumar**. Metamorphism in Chaukhutia area and possible linkages of Almora Nappe with the Higher Himalayan Metamorphics, Journal of Scientific Research, Vol57, 11-19, 2013, ISSN: 0447-9483.
- S. B. Dwivedi, **Ashutosh Kumar** and S. P. Singh. Granulites of Meghalaya and its petrological correlation with central Indian granulites of Chhotanagpur and Bundelkhand, JEG and GM, Vol. 7 No. (1-2), 152-167, 2010.
- Arif Ahamad, Sughosh Madhav, Amit K. Singh, **Ashutosh Kumar** and Pardeep Singh., **Chapter:** - Types of Water Pollutants: Conventional and Emerging. **Book Title:** - Sensors in Water Pollutants Monitoring: Role of Material, Springer (2020), ISBN 978-981-15-0670-3, doi.org/10.1007/978-981-15-0671-0.