



Faculty Details proforma for DU Web-site

Title	Dr	First Name	Rupam	Last Name	Ghosh	Photograph
Designation	Assistant Professor					
Address	DEPARTMENT OF GEOLOGY CHHATRA MARG UNIVERSITY OF DELHI - 110007					
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Web-Page	Research gate: https://www.researchgate.net/profile/Rupam_Ghosh2 Google scholar: https://scholar.google.co.in/citations?user=1tdEBekAAAAJ&hl=en Orcid: https://orcid.org/0000-0002-0957-4778					
Educational Qualifications						
Degree		Institution			Year	
BSc		Jadavpur University			2012	
MSc		Jadavpur University			2014	
PhD		Jadavpur University			2019	
Career Profile						
CSIR Research Fellow, Jadavpur University, Kolkata, India, 2014-2019 SERB National Postdoctoral Research Fellow, IISER Kolkata, India, 2020 Assistant Professor, Geology, Delhi University, Delhi, India, 2020-present						
Administrative Assignments						
Member of course planning committee, Geology, Delhi University, 2021-present Member of maintenance committee, Geology, Delhi University, 2021-present						
Areas of Interest / Specialization						
Sedimentary ore mineralization, Archean biogeochemistry, Early life						
Subjects Taught						

Exploration Geology, Ore Geology, Stratigraphy and Remote Sensing
Time table of the subjects taught during the current semester
Exploration geology theory, Monday–Tuesday (11:30am-1:30pm) Exploration geology practical, Thursday (2:15pm-4.15pm) Stratigraphy practical, Monday (9:30am-11:30am) Remote sensing practical, Friday (2:15pm-4:15pm)
Research Guidance
None
Publications Profile
<p>Peer-reviewed publications</p> <ol style="list-style-type: none"> 1. Mondal, R., Ray, A., Ghosh, R. (2021) Petrogenesis of the gabbronorite sill hosted Fe-Ti oxide ore bodies from the eastern part of Chotanagpur Granite Gneissic Complex, India. Ore Geology Reviews. 104076. https://doi.org/10.1016/j.oregeorev.2021.104076. 2. Ghosh, R. (2020). Authigenic precipitation of ferric oxyhydroxides and greenalite in Archean oceans. Chemical Geology, 119777. https://doi.org/10.1016/j.chemgeo.2020.119777 3. Moudioh, C., Tamehe, L.S., Ganno, S., Tankwa, M.N., Soares, M.B., Ghosh, R., Kankeu, B. and Nzenti, J.P. (2020). Tectonic setting of the bipindi greenstone belt, northwest Congo craton, Cameroon: Implications on BIF deposition. Journal of African Earth Sciences, 103971. https://doi.org/10.1016/j.jafrearsci.2020.103971 4. Ghosh, R., Vermeesch, P., Gain, D., Mondal, R. (2019). Genetic relationship among Komatiites and associated Basalts of the Badampahar Greenstone Belt (3.25–3.10 Ga), Singhbhum Craton, Eastern India. Precambrian Research, 327, 196-211. https://doi.org/10.1016/j.precamres.2019.03.013 5. Ghosh, R., Baidya, T. K. (2017). Using BIF magnetite of the Badampahar greenstone belt, Iron Ore Group, East Indian Shield to reconstruct the water chemistry of a 3.3-3.1 Ga Sea during iron oxyhydroxides precipitation. Precambrian Research, 301, 102-112. https://doi.org/10.1016/j.precamres.2017.09.006 6. Ghosh, R., Baidya, T. K. (2017). Meso-archean BIF and iron ores of the Badampahar greenstone belt, Iron ore Group, East Indian Shield. Journal of Asian Earth Sciences, 150, 25-44. https://doi.org/10.1016/j.jseaes.2017.10.003 7. Ghosh, R., Chakraborty, D., Halder, M., Baidya, T. K. (2015). Manganese mineralization in Archean greenstone belt, Joda–Noamundi sector, Noamundi basin, East Indian Shield. Ore Geology Reviews, 70, 96-109. https://doi.org/10.1016/j.oregeorev.2015.04.007 8. Ghosh, R., Chakraborty, D., Halder, M., Baidya, T. K. (2015). Iron and Manganese Mineralization Associated with Archean Greenstone Belt in Joda-Noamundi Sector, Odisha, East Indian Shield. Earth (SPG), 4(4-1), 31-39. http://10.11648/j.earth.s.2015040401.13 <p>Conference paper and presentation</p>

1. **Ghosh, R.** (2018) Initial mineral phases of banded iron formations, **Goldschmidt conference abstract volume 2018**. Boston, USA.
2. **Ghosh, R.,** Halder, M., Baidya, T.K.(2014) Structural control on Manganese mineralization in and around Joda, Kendujhar district, Odisha – a part of Noamundi basin, East Indian Shield, **International Association for Gondwana Research Conference Series 18** (Abstract volume), p.145. International Seminar on ‘Magmatism, Tectonism and Mineralization’ (2014) at Kumayun University, Nainital, India.

Publications in the Last one year

1. Mondal, R., Ray, A., **Ghosh, R.** (2021) Petrogenesis of the gabbronorite sill hosted Fe-Ti oxide ore bodies from the eastern part of Chotanagpur Granite Gneissic Complex, India. **Ore Geology Reviews**. Accepted.
2. **Ghosh, R.** (2020). Authigenic precipitation of ferric oxyhydroxides and greenalite in Archean oceans. **Chemical Geology**, 119777. <https://doi.org/10.1016/j.chemgeo.2020.119777>
3. Moudioh, C., Tamehe, L.S., Ganno, S., Tankwa, M.N., Soares, M.B., **Ghosh, R.,** Kankeu, B. and Nzenti, J.P. (2020). Tectonic setting of the bipindi greenstone belt, northwest Congo craton, Cameroon: Implications on BIF deposition. **Journal of African Earth Sciences**, 103971. <https://doi.org/10.1016/j.jafrearsci.2020.103971>

Conference Organization/ Presentations (in the last three years)

1. **Ghosh, R.** (2018) Initial mineral phases of banded iron formations, **Goldschmidt conference abstract volume 2018**. Boston, USA.

Research Projects (Major Grants/Research Collaboration)

1. ‘Biogeochemical cycling of Fe in Archean oceans’ with Dr E Chi Fru of Cardiff University, UK. **2020-present.**
2. ‘Fe-Ti oxide ore deposits of Chotanagpur Granite Gneiss Complex, Eastern India.’ with Prof. A Ray and R Mondal of Presidency University. **2019-Present.**
3. ‘Bio-geochemical cycling of elements in Archean seawater and genesis of iron formations: insights from petrography and in-situ mineral chemistry of iron formations of Iron Ore Group, Singhbhum Craton’ as part of NPDP project by SERB. **2020.**
4. ‘Iron formations of the Bipindi greenstone belt, northwest Congo craton, Cameroon’ with Prof. S Ganno of University of Yaounde, Cameroon and his research group. **2019-2020.**
5. “Geochronology and geochemistry of Iron Ore Group greenstone rocks, Singhbhum Craton’ with Dr P Vermeesch, University College London, UK. **2016-2019.**

Awards and Distinctions

1. National Post-Doctoral Fellowship, SERB, India, 2019
2. CSIR Junior and Senior Research Fellowship, 2014-2019
3. INSPIRE (SHE) scholarship from DST, India, 2009-2014
4. Merit-Cum-Means Scholarship from WB Government, 2009

Association With Professional Bodies
Reviewer: <ol style="list-style-type: none">1. Precambrian Research2. Ore Geology Reviews3. Palaeogeography-Palaeoclimatology-Palaeoecology Member: <ol style="list-style-type: none">1. Geochemical Society
Other Activities
None



Signature of Faculty Member
(Dated 06-4-2021)