

Dr. PROLOY GANGULY

Contact: pganguly06@gmail.com

Qualification: PhD

Designation: Assistant Professor

Teaching Experience (in years): UG: 9 months PG: 9 months

Research Experience (in years): 1 year (excluding PhD)

Date of Joining Present Institution: 24.09.2020

Examinations cleared: CSIR-UGC NET



Specialization/Research Interest: Tectonothermal evolution of lower crust, Precambrian tectonics

Courses taught

	B.Sc Honours	M.Sc
Semester-I	Optical mineralogy	Mineralogy
Semester-III	Igneous petrology	
Semester-V	Economic geology	

Online Mode of Teaching

I prefer to send the study/lecture materials to the BSc and MSc students by email. The doubts are cleared through telephonic conversation. In addition to this, I use to send audio lectures to the students for better understanding of the lecture materials.

Publications

Journals:

1. **Proloy Ganguly**, Sankar Bose, Kaushik Das, Junji Torimoto, Gautam Ghosh (2017), Origin of spinel+quartz assemblage in a Si-undersaturated ultrahigh temperature aluminous granulite and its implication for the P-T-fluid history of the Phulbani domain, Eastern Ghats Belt, India. *Journal of Petrology*, 58, 1941-1974. <https://doi.org/10.1093/petrology/egx078>
2. Thungyani N Ovung, Jyotisankar Ray, Xueming Teng, Biswajit Ghosh, Madhuparna Paul, **Proloy Ganguly**, Saradee Sengupta, Supriyo Das (2017), Mineralogy of the Manipur Ophiolite Belt, North East India: implications for mid-oceanic ridge and supra-subduction zone origin. *Current Science*, 112, 2122-2129. doi: 10.18520/cs/v112/i10/2122-2129

3. Amitava Chatterjee, Kaushik Das, Sankar Bose, **Proloy Ganguly**, Hiroshi Hidaka (2017), Zircon U-Pb SHRIMP and monazite EPMA U-Th-total Pb geochronology of granulites of the western boundary, Eastern Ghats Belt, India: new possibility for Neoproterozoic exhumation history. In: Dasgupta, S., Pant, N.C. (Eds.), *Crustal Evolution of India and Antarctica: The Supercontinent Connection. Geological Society, London, Special Publications*, 457, 105–140. <https://doi.org/10.1144/SP457.1>
4. **Proloy Ganguly**, Kaushik Das, Sankar Bose, Gautam Ghosh, Yesutaka Hayasaka, Hiroshi Hidaka (2018), U-Pb zircon and U-Th-total Pb monazite ages from the Phulbani domain of the Eastern Ghats Belt, India: Time constraints on high-grade metamorphism and magmatism in the lower crust. *Precambrian Research*, 316, 1–23. <https://doi.org/10.1016/j.precamres.2018.07.024>
5. **Proloy Ganguly**, Amitava Chatterjee (2020), Geological evolution of the northern and northwestern Eastern Ghats Belt, India from metamorphic, structural and geochronological records: An appraisal. *Journal of Mineralogical and Petrological Sciences*, 115, 88–101. <https://doi.org/10.2465/jmps.190827b>

Paper Presentation in seminar/conference/symposium/workshop/discussion meeting

1. **Proloy Ganguly**, Sankar Bose, Kaushik Das and Gautam Ghosh, 2016. "Field, microstructural and Electron Backscattered Diffraction study of shear zone rocks from Phulbani, Odisha, Eastern Ghats Belt, India". DEVELOPMENTS IN GEOSCIENCES IN THE PAST DECADE - EMERGING TRENDS FOR THE FUTURE & IMPACT ON SOCIETY ANNUAL GENERAL MEETING OF THE GEOLOGICAL SOCIETY OF INDIA.
2. Suranjan Ghosh, Gautam Ghosh, **Proloy Ganguly**, Sankar Bose and Kaushik Das, 2016. "Geological significance of the presence of multiple generations of pseudotachylites in Ranipathar Shear Zone, Phulbani domain, Eastern Ghats Belt". DEVELOPMENTS IN GEOSCIENCES IN THE PAST DECADE - EMERGING TRENDS FOR THE FUTURE & IMPACT ON SOCIETY ANNUAL GENERAL MEETING OF THE GEOLOGICAL SOCIETY OF INDIA.
3. Kaushik Das, Naotaka Tomioka, **Proloy Ganguly**, Gautam Ghosh, Sankar Bose, 2017. Deformation microstructure and chemical zoning in cataclastic garnet porphyroclast of a pseudotachylite-ultramylonite granitic gneiss from Eastern Ghats, India. JAPAN ASSOCIATION OF MINERALOGICAL SCIENCES ANNUAL MEETING.
4. **Proloy Ganguly**, Gautam Ghosh, Sankar Bose and Kaushik Das, 2018. "Complex deformation patterns in Crustal-scale Shear Zones – A case study from the Ranipathar Shear Zone, eastern India". CONFERENCE ON ROCK DEFORMATION AND STRUCTURE (RDS-V).
5. **Proloy Ganguly**, Sankar Bose, Kaushik Das and Gautam Ghosh, 2019. "Styles of tectonothermal and tectonometamorphic processes in the Proterozoic: Insights from the northern part of the Eastern Ghats Belt, India". PROGRESS AND PERSPECTIVE OF THE STUDIES ON THE CRUSTAL EVOLUTION OF THE INDIA PENINSULA FROM ARCHEAN TO THE PRESENT BY GEOCHEMICAL, CHRONOLOGICAL AND GEOLOGICAL APPROACHES Conducted by JSPS-DST Japan-India Forum for advanced Study.

Participation in committees of Durgapur Government College since 2017

1. Member, Examination Committee, Odd semester examinations 2019-20
2. Member, Cultural Committee, 2019-20
3. Member, NAAC Steering Committee