

PRITHA GOSWAMI

Contact: pritha.g17@gmail.com

Qualification: M.Sc., Ph. D.

Designation: Assistant Professor in Geology (W.B.E.S)

Teaching Experience (in years): UG: 8 years PG: 8 years

Research Experience (in years): 10 years

Date of Joining Present Institution: 18.11.2015



Examinations cleared: NET-CSIR UGC and GATE

Specialization/Research Interest: Palaeontology

Awards & Recognitions

1. **Stood 2nd with 1st class** in Undergraduate under University of Burdwan.
2. Received award for the **Best Oral Presentation** in Research Meet 2014 organised by Jadavpur University Geological Society and sponsored by SEPM.

Courses taught

	B.Sc Honours	M.Sc
Semester-I	N.A.	Paleontology(Theory) (Practical)
Semester-II	Physical Properties of Minerals (Practical)	Stratigraphy (Theory) Stratigraphy (Practical)
Semester-III	Paleontology (Theory and Practical)	Mineral Exploration
Semester-IV	Geology of India (Theory)	PGGEOL 406 Dissertation
Semester-V	DSE - II Introduction to Geophysics (Theory and Practical)	N.A.
Semester-VI	1)DSE Climatology 2) DSE Mine visit & field analysis of fossiliferous sedimentary succession 3) DSE Research project in geology (dissertation)	N.A.

Online Mode of Teaching

Different online platforms like Google meet, Google Duo, Google classroom have been used. Besides this, audio, video recordings and relevant study materials have been

shared by creating Google drive links. Audio conference calls have been used as well.

Publications

Journals:

1. Mallick, S., Bardhan, S., Das, S. S., Paul, S. and **Goswami, P.** 2014. Naticid Drilling Predation on Gastropod Assemblages across the K-T boundary in Rajahmundry, India: New Light on Escalation Hypothesis. *Palaeogeography Palaeoclimatology Palaeoecology*, 411: 216-228.
2. Mallick, S., Bardhan, S., Paul, S. and **Goswami, P.**, Das, S. S. 2017 Record of naticid predation on scaphopods (Phylum: Mollusca) from the latest Maastrichtian of Rajahmundry, India. *Ichmos*. Vol 24, No. 1, p.37-50
3. Mondal, S., **Goswami, P.**, Bardhan, S. 2017. Naticid confamilial drilling predation through time. *Palaios*. Vol.32. p-278-287
4. Mondal, S., Maitra, A., Bose, K., **Goswami, P.**, Bardhan, S., & Mallick, S. 2019. Substrate-controlled naticid gastropod drilling predation on recent barnacles from Chandipur, India and its Palaeontological implications. *Historical Biology*, 1-14. <https://doi.org/10.1080/08912963.2019.1677639>
5. **Goswami, P.**, Das, S. S., Bardhan, S., & Paul, S. 2021. Drilling gastropod predation on the lower Miocene gastropod assemblages from Kutch, western India: spatiotemporal implications. *Historical Biology*, 1-18. <https://doi.org/10.1080/08912963.2020.1716343>

Conference Proceedings:

1. Mallick, S., Bardhan, S., **Goswami, P.** and Paul, S. (2012). Naticid drilling predation on cerithid gastropods from below the K –T boundary in Rajahmundry, Andhra Pradesh. "National Conference on Sustainable Development through Innovative Research in Science and Technology", Jadavpur University, Kolkata, India. p. 121-122.
2. Paul, S., Mallick, S., Bardhan, S., Das, S.S., **Goswami, P.** (2013). Naticid drilling predation on gastropod assemblage during the latest Maastrichtian in Rajahmundry India. "GSA Annual Meeting – 2013". Denver, Colorado, USA. p. 315.
3. Mallick, S., Das, S. S., Bardhan, S. and **Goswami, P.** (2013). New gastropod assemblage from the latest Cretaceous Infratrappean bed of Rajahmundry. "XXIV Indian Colloquium on Micropaleontology and Stratigraphy", Wadia Institute of Himalayan Geology, Dehradun. p. 69 - 70.
4. Mallick, S., Bardhan, S., **Goswami, P.** and Das, S. S. (2013). Record of Naticid predation on scaphopods (Phylum: Mollusca) from the Latest Maastrichtian Infratrappean bed of Rajahmundry, India. "XXIV Indian Colloquium on Micropaleontology and Stratigraphy", Wadia Institute of Himalayan Geology, Dehradun. p. 70 - 71.
5. Mallick, S., Das, S. S., **Goswami, P.**, Paul, S. and Bardhan, S. (2013). Cannibalism in naticid gastropods a study of marine palaeoecology during the Cretaceous in Rajahmundry, A.P. "Modern Geological and Geophysical methods and their applications", Department of Geological Sciences, Jadavpur University. p. 6 – 7.
6. **Goswami, P.**, Paul, S., Bardhan, S., Das, S. S., Mallick, S. and Buragohain, D.

- (2015).Unveiling the lower Miocene gastropod diversity trend of Kutch, Gujarat. Geological Society of America Annual Meeting
7. **Goswami, P.**, Das, S. Bardhan,S., Mallick, S., S. Paul, S.(2015).Drilling gastropod predation on the lower Miocene gastropod assemblages from Kutch, western India:Spatiotemporal implications. Geological Society of America Annual Meeting
 8. Mondal,S.,Sarkar,D.,**Goswami.,P.**(2015).Indian record of drilling predation by predatory gastropods and its global significance. "*XXV Indian Colloquium on Micropaleontology and Stratigraphy*", Institute of Science,Aurangabad.p.72-74
 9. Saha,S.,Mondal,S.,Bardhan,S.,Mallick,S.,Pahari,A.,Sarkar,D.,Buragohain,D.,Das,A., **Goswami,P.,Dutta,R.**(2016).Predator-Prey Interaction on the Molluscan assemblage from Chandipur-on-sea,Odisha.National Geo-Research Scholar Meet 2016.Wadia Institute of Himalayan Geology,Dehradun.p.80-81
 10. **Goswami,P.** and Roy, P.(2017).How does Epizoan attachment Benefit host gastropods : a case study from Chandipur-on-sea, Odisha. "National Conference on Exploring the Modern Approach in Biological Science: From Genome to Organism (Chapter -II)" S.K.B.U,Purulia.p-14
 11. Chakraborty,H., Mondal,S., Sarkar,D.,**Goswami, P.,**Saha ,S., Saha, R.,Pahari, A.(2017).Spatio-environmental variation in gastropod drilling predation on bivalve *Timoclea imbricate* along the eastern coast of Orissa, India. 2nd National Geo-Research Scholar Meet 2017.Wadia Institute of Himalayan Geology,Dehradun. p. 50-51
 12. **Goswami, P.**, Das, S., & Panja, S. (2022) Lower Miocene whale fall community from Kutch, western India, Geosciences:The basic science for a sustainable future, The Volume of Abstracts, 36th International Geological Congress, New Delhi, 692-693.

Guidance of M.Sc. Projects

- 1) **Paramita Das** (2019-2020, Durgapur Government College), **Prey-predator interaction and Palaeobiogeography: A case study of the Bivalve assemblages from Aquitanian Khari Nadi Formation of Kutch, Gujarat**
- 2) **Sayani Sen** (2019-2020, Durgapur Government College), **Prey-predator interaction and Palaeobiogeography: A case study of the Bivalve assemblages from Burdigalian Chhasra Formation of Kutch, Gujarat**

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

1. Oral Presentation on "Record of Naticid predation on scaphopods (Phylum: Mollusca) from the Latest Maastrichtian Infratrappean bed of Rajahmundry, India. (**Pritha Goswami**) " in the *XXIV Indian Colloquium on Micropaleontology and Stratigraphy*", held in 2013 at Wadia Institute of Himalayan Geology, Dehradun
2. Oral Presentation "A study on rarefied gastropod diversity from the Miocene assemblages of Kutch, Gujarat (**Pritha Goswami**)". in the Research Meeting 2014(sponsored by SEPM and JUGS) held on 18th September 2014 at Department of Geological Sciences, Jadavpur University. (Selected as the best oral presentation)
3. Oral Presentation on "How does Epizoan attachment Benefit host gastropods : a case study from Chandipur-on-sea, Odisha. (**Pritha Goswami**)". In the "National Conference on Exploring the Modern Approach in Biological Science: From Genome to Organism (Chapter - II)" held in 2017 at S.K.B.U,Purulia.

Participation in faculty development programmes

1. Refresher Course on “*Modern and Ancient Environment and Ecology: Sediments and Biota*” from 4/12/2017 to 24/12/2017 (**Pritha Goswami**) sponsored and supported by IASc, INSA, NASI, organised by Department of Geological Sciences, Jadavpur University.
2. NEP Orientation and Sensitization by MMTTP, University of Burdwan

Organization of events (Durgapur Government College)

- 1) Acted as joint coordinator in Finishing School, 2017 organized for the final year M.Sc. Students.
- 2) Acted as Coordinator for Add-on Course "**Application of Remote Sensing Techniques in Mineral Sciences**"
- 3) Acted as Resource person for Add-On Course “**Statistical methods and computer applications in Natural Sciences**”

Participation in committees of Durgapur Government College since 2017

1. Part 1 Backlog examination committee (**Member 2017-2018**)
2. College Annual Exam sub-committee (**Member 2017-2018**)
3. Library sub-committee (**Member 2017-2018**)
4. Government e-Market Place (**Member 2018-2019**)
5. IQAC (**Member 2017-2018**)
6. Central Purchase and e-Tender sub-committee (**Member 2018-2019**)
7. Admission Committee (**Member 2017-2018, 2018-2019**)
8. Monitoring Cell for Central Instrumentation Facility (CIF) (**Member 2019-2020**)
9. Girls’ Common room monitoring Unit and Students’ Health and Hygiene Advisory sub-committee)(**Member 2019-2020**)
10. UG Annual/ Semester Backlog exam committee (**Member 2019-2020**)
11. NSS Program Officer Unit 1
12. Jt. Coordinator, Committee to cater to the needs of the differently abled person
13. Member, Women’s Cell