

Name and Designation	Dr. Pritha Goswami Assistant Professor <i>(West Bengal Education Service)</i> Department of Geology Durgapur Government College Durgapur, West Bengal, India – 713214. Email: pritha.g17@gmail.com Mobile: +91 9051623449 Google Scholar Profile Link: https://scholar.google.co.in/citations?user=S_pQBzAAAAAJ&hl=en ORCID Id: https://orcid.org/0000-0002-5261-048X?lang=en	
Date of Birth	17/12/1989	
Qualification	M. Sc. (Applied Geology), Jadavpur University Qualified GATE, and NET Ph. D. (Jadavpur University)	
Specialization	Palaeontology	
Teaching Experience	❖ (UG): 10 years ❖ (PG): 10 years	
Research Interest	My research interests lie in palaeontology, palaeobiology, and evolutionary biology, with a particular focus on the taxonomy, systematics, morphometrics, and diversity patterns of fossil molluscs. My work integrates fossil evidence with quantitative analytical approaches to reconstruct palaeoenvironments, understand evolutionary trends, and investigate the palaeobiogeography of marine faunas.	
Research Guidance	M. Sc. Dissertation: 09	
Research Experience	2 years as JRF in DST Project at Jadavpur University	
Achievements	❖ Stood 2nd with 1st class in Undergraduate under University of Burdwan. ❖ Received award for the Best Oral Presentation in Research Meet 2014 organised by Jadavpur University Geological Society and sponsored by SEPM. ❖ Certified as Internal expert in Thematic topic: Science and Technology for Disaster Management at 6th Regional Science and Technology Congress (Region Three) by the Dept. of Science and Technology and Biotechnology, Govt. of West Bengal and Durgapur Govt. College (2024)	

List of publications

Full Paper (in peer reviewed journal):

1. **Goswami, P.,** Das, S., Panja, S. 2024. “Discovery of Miocene whale fall fauna from India: Taphonomy and palaeoecology of a vertebrate-invertebrate assemblage”. *Historical Biology* (1-14) <https://doi.org/10.1080/08912963.2024.2405057>

Press release: “Fossils reveal the fate of an ancient whale” covered by Nature India ([Nature India](https://doi.org/10.1038/d44151-025-00107-0)). doi: <https://doi.org/10.1038/d44151-025-00107-0>

2. **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*, Volume 33, Issue 9 1504-1521. <https://doi.org/10.1080/08912963.2020.1716343>
3. Mondal, S., Maitra, A., Bose, K., **Goswami, P.**, Bardhan, S., & Mallick, S. 2021. Substrate-controlled naticid gastropod drilling predation on recent barnacles from Chandipur, India and its Palaeontological implications. *Historical Biology*, Volume 33, Issue 7 1029-1042. <https://doi.org/10.1080/08912963.2019.1677639>
4. Mondal, S., **Goswami, P.**, Bardhan, S. 2017. Naticid confamilial drilling predation through time. *Palaios*. Vol. 32. p-278-287
5. 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. *Ichnos*. Vol 24, No. 1, p.37-50
6. 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.

Abstract:

1. **Goswami, P.**, Das, S. S., Bose, K., 2025. Insights into a *Persististrombus*-dominated assemblage from the lower Miocene of Kutch, India: Contrasting Shell Bed Dynamics in Western India. GSA Connects 2025 Meeting in San Antonio, Texas, USA. (Abstract accepted)
2. **Goswami, P.**, Das, S. S., Bardhan, S. 2025. Systematic Palaeontology as the base of palaeoecology studies: a case study from the fossil record. “Two Day International Conference on “Living in Harmony: Celebrating Biodiversity for a Sustainable Future” organized by the Department of Conservation Biology under IIC, Durgapur Government College. p. 19.
3. **Goswami, P.**, Das, S., Singh, S., 2024. Palaeoecology and palaeobiogeography of bivalve assemblages from the Lower Miocene of Kutch, Gujarat. Book of abstracts. 6th Regional Science and Technology Congress, Region 3. Organised by DSTBT Govt of West Bengal and Durgapur Govt College.
4. **Goswami, P.**, Das, S., Panja, S., 2019. Lower Miocene whale fall community from Kutch, western India. 36th International Geological Congress. The Volume of Abstracts, 36th International Geological Congress, New Delhi, 692-693. (Published in 2022)
5. 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

6. **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
7. 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
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. **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
10. **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
11. 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.
12. Mallick, S., Bardhan, S., **Goswami, P.** and Das, S. S. 2013. Record of Naticid predation on scaphopods (Phylum: Mollusca) from the Latest Maastrichtian Infratrappan bed of Rajahmundry, India. "*XXIV Indian Colloquium on Micropaleontology and Stratigraphy*", Wadia Institute of Himalayan Geology, Dehradun. p. 70 - 71.
13. Mallick, S., Das, S. S., Bardhan, S. and **Goswami, P.** 2013. New gastropod assemblage from the latest Cretaceous Infratrappan bed of Rajahmundry. "*XXIV Indian Colloquium on Micropaleontology and Stratigraphy*", Wadia Institute of Himalayan Geology, Dehradun. p. 69 - 70.
14. 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.
15. 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.