

Dr. RAJIB BISWAS

Contact: 07478713520

Qualification: M.Sc., PhD.

Designation: Assistant Professor

Teaching Experience (in years): PG: 7 years

Research Experience (in years): 10 years

Date of Joining Present Institution: 27.06.2019

Institutions/Companies Previously Served:



Name of Institution/Company	Designation	Tenure	
		From (DD-MM-YYYY)	To (DD-MM-YYYY)
North Bengal Wild Animals Park (Bengal Safari)	Research Fellow & Education Assistant	01.11.2016	30.11.2018

Specialization/Research Interest: Plant Taxonomy and Vegetation Study, Conservation Biology, Ethnobotany and Medicinal Plants, Wetland Ecology and Biodiversity

Courses taught

	M.Sc
Semester-I	101.3. Systematics 101.4. Vegetation and forest types
Semester-II	202.2. Reproductive Strategies 203.5. In-situ and Ex-situ Conservation
Semester-III	301.1(FW) Introduction to Forestry 301.3(FW) Autecology of Tree Development 301.4(FW) Synecology of Stand Development 304.1(MB) Marine Resources of India: an Overview 304.3(MB) Ocean Circulations and Waves 306.1(MB) Marine Bio resources
Semester-IV	402.1(WC) Wetland plant and animal diversity in India 404.1(MB) Seaweeds and coral Reefs 404.3(MB) Sustainable Harvesting of Marine Bio resources 404.5(MB) Marine Birds and Mammals 405.1(MB) Marine Bio resources

Journals:

1. Sharmila Soren, Tapajit Bhattacharya, **Rajib Biswas** and Moitreyee Chakrabarty. (2025) Quantitative Ethnomedicine: Traditional Herbal Practices among Tribal Communities of Paschim Bardhaman District, West Bengal. *STAPS* 11 (11), 171-194.
2. Sharmila Soren, Tapajit Bhattacharya, **Rajib Biswas**, Moitreyee Chakrabarty (2025), *Ethnomedicinal insights: Medicinal plants for jaundice treatment in India*, *Journal of Medicinal Plants Studies* 13 (2), 149-157.
3. Snigdha Mukherjee, Moitreyee Chakrabarty, Sanchari Sarkar, Tapajit Bhattacharya, Alok Kumar Mukherjee and **Rajib Biswas** (2024). Macrophytes and Odonata of Manmade Lakes: Biodiversity Assessment in Raniganj-Asansol Belt, West Bengal, India. *Journal Uttar Pradesh Journal of Zoology* 45 (22), 1-10.
4. Debayan Gayen, Sanchari Sarkar, Moitreyee Chakrabarty, **Rajib Biswas**, Tapajit Bhattacharya (2023). *Phrynoderma hexadactylum* (Indian Pond Frog) Predation. *Herpetological Review as Natural History Society Note*, 54 (1): 105.
5. Biswas, M., Giri, I., Nag, T., Mukherjee, A. K. and **Biswas, R.** 2023. Ecological Spectrum of ecotonal vegetation of Bakreswar Reservoir of Birbhum district, West Bengal, India, *IRJMST*, Vol 14(9):40 - 48.
6. Misra, Tarun Kr., Bhutia, T.T. **Biswas Rajib** and Mandal, Palash. 2022. Suitability Estimation of some Bioengineered Grass species in terms of their Root Reinforcement Ability, Conservation and Forage Value under various Landslide Prone Hill Forest of Darjeeling Himalaya. *Indian Forester*, **148**(3) : 263-271.
7. Amitava Mandal, Goutam Kumar Basak, Ankana Karmakar, Tanmay Chowdhury, Susama Chakraborty, **Rajib Biswas**, Pranab Ghosh (2019), Isolation of Octacosane-10-ol-21-ene from *Thuja occidentalis* L Cone and its Antibacterial Activity. *IJGHC*, March 2019 –May 2019; Sec. B; Vol.8, No.2, 067-072.
8. Ghosh Namrata, **Biswas Rajib** and Mitra Aditya (2018), Species diversity, abundance and habitat association of spiders with relation to their guild composition in different habitats of North Bengal Wild Animals Park (Bengal Safari). *Int. J. of Life Sciences*; 6 (4):911-918.
9. Sujit Mondal, **Rajib Biswas**, S. K. Basu and Monoranjan Chowdhury (2018), *ARECA TRIANDRA* ROXB. *EX BUCH.-HAM.* (ARECACEAE): NEW RECORD FOR WEST BENGAL, INDIA. *Plant Archives* Vol. 18 No. 2 pp. 1700-1702.
10. Anurag Chowdhury, **Rajib Biswas**, M. Chowdhury and A.P. Das (2016), *CAREX PHACOTA* SPRENG. (CYPERACEAE): A NEW RECORD FOR WEST BENGAL, INDIA. *JETB* 40(1-2): 43-45.
11. Gopal Shukla, **Rajib Biswas**, A. P. Das and Sumit Chakravarty (2016), Floristic diversity of Chilapatta Reserve Forest of West Bengal, India. *Int. J. of Usuf. Mngt.* 17 (2): 46-57.

12. Anurag Chowdhury, **Rajib Biswas** and A.P. Das. (2014), Macrophytic flora of Gossaihat Beel, Jalpaiguri Forest Division, West Bengal, India: II. Pteridophyta and Liliopsida. *Pleione* 8(2): 293 - 310.
13. Saran Kumar Gupta, Mitali Ghosal, **Rajib Biswas**, Biman Krishna Saha, Abhaya Prasad Das and Palash Mandal (2014), Evaluation of *in vitro* antioxidant activity of methanolic extracts of some ferns from Mawsynram of Meghalaya, India. *Int J Curr Sci*, 12: E 87-97
14. Goutam Saha, **Rajib Biswas** and A.P. Das (2014), Survey for NTFP plants of the Gorumara National Park in the Jalpaiguri district of West Bengal (India). *Pleione* 8(2): 367 - 373.
15. Dibakar Choudhury, **Rajib Biswas**, Palash Mandal and A. P. Das (2014), Diversity of *Litsea* Lamarck [Lauraceae] in Terai and Duars regions of West Bengal, India. *Pleione* 8(1): 68 - 78.
16. Gopal Shukla, **Rajib Biswas**, A.P. Das and Sumit Chakravarty (2014), Plant diversity at Chilapatta Reserve Forest of Terai Duars in subhumid tropical foothills of Indian Eastern Himalayas. *Journal of Forestry Research*, Springer.
17. **Rajib Biswas**, A. P. Das and T. K. Paul (2013), Floristic diversity of Rasik Beel and its adjoining areas in Coochbehar district of West Bengal, India. *Pleione* 7(2): 501 - 507.
18. Dibakar Choudhury, **Rajib Biswas**, Palash Mandal and A. P. Das (2013), Diversity of *Cinnamomum* Schaeffer (Lauraceae) in Terai and Duars region of West Bengal, India. *Pleione* 7(2): 441 - 448.
19. Gopal Shukla, **Rajib Biswas**, A.P. Das and Sumit Chakravarty (2013), Visual qualitative description of a humid tropical foothill forest in Indian eastern Himalayas. *Biodiversity*, Taylor & Francis. P:1-14.
20. Goutam Saha, **Rajib Biswas** and A. P. Das (2013), Survey of medicinal plants in the Gorumara National Park, Jalpaiguri, West Bengal, India. *Pleione* 7(1): 127 - 137.
21. **Rajib Biswas**, Anurag Chowdhury and A.P. Das (2012), Macrophytic flora of Gossaihat Beel, Jalpaiguri Forest Division, West Bengal, India: I. Magnoliopsida. *Pleione* 6(1): 217 – 237.
22. A.P. Das, C. Ghosh, A. Sarker, **Rajib Biswas**, K. Biswas, D. Choudhury, A. Lama, S. Moktan and A. Chowdhury (2010), Preliminary report on the medicinal plants from three MPCAs in Terai and Duars of West Bengal, India. *Pleione* 4(1): 90 – 101.
23. **Rajib Biswas**, A. Sarkar, S. Sarkar, R.K. Dutta and P. Jha (2010), Aquatic Macrophytes of Cooch Behar's Reservoirs. (Short Communication). *Trends in Biosciences* 3(1): 86 – 87.
24. T.K. Misra, A. Saha, A.K. Nanda, **Rajib Biswas** and P. Mandal (2009), shade Trees in Tea Plantations in different soil conditions of North Bengal. *Pleione* 3(2): 219 – 223.
25. C. Ghosh, **Rajib Biswas** and A.P. Das (2008), Ethnic use of some pteridophytic weeds of tea Gardens in Darjeeling and Terai. *NBU Journal of Plant Sciences*. 2: 86 – 93.
26. A.P. Das, C. Ghosh, A. sarker and **Rajib Biswas** (2007), Ethnobotanical Studies in India with notes on Terai – Duars and Hills of Darjeeling and Sikkim. *NBU Journal of Plant Sciences*. 1: 67 – 83.
27. **Rajib Biswas** and A.P. Das (2007), A note on the Distribution of *Parthenium hysterophorus* L. in the Trongsa District of Bhutan. *Pleione* 1(2): 69.

Books:

1. Tarun Kumar Misra, **Rajib Biswas** and Bhaskar JV (2025). *The science and art of plant medicine*. Chandal Books, 100/89 Churchj Road, Siliguri, West Bengal, India.

2. Abhaya Prasad Das, M.U. Alam, Chandra Ghosh and **Rajib Biswas (2008)**, Uttarbange *Chashjogya Aksato Veshaj Uvid*. Published by Registrar, University of North Bengal, Raja Rammohan Pur, Darjeeling 734 013, West Bengal, India.

Books:

1. **Biswas R.**(2026) Practice of Ethnomedicine: A Medical Anthological Study on the Rabhas of Assam. In Plant, *Animals and People (Ethnobiological Insights from North-East India)*. Eds Mandal A, Chatterjee M and Ray N. Red'Shine Publication, 332, Bilton Road, Perivale, Greenford, London UK.
2. **Biswas R.** and Das A.P. 2023. Biodiversity of Rasik Beel and its adjoining areas in Coochbehar district of West Bengal, Research in emerging fields of Biological Science (Multidisciplinary Aspect) 1st Edition, Edited by Dr. Tarun Kr. Misra, M.Sc, PhD, AIC (India), ISBN No. 978-93-5838-000-2.