

Personal Profile / Curriculum Vitae

Dr. BANDANA PRADHAN
Assistant Professor



Address

i) Address for Communication: Department of Botany, Bankura Sammilani College, Kenduadihi, Bankura, WB, India, Pin- 722 102.

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Personal Details

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Date of Birth: 08/04/1983

Date of Joining: 22/12/2016

Web Page Link (if any): <https://www.researchgate.net/profile/Bandana-Pradhan-2>

Google Scholar ID: Jtmgct0AAAAJ

Educational Qualification

MSc: Botany (2006), Visva-Bharati University, Santiniketan, West Bengal

PhD: Visva-Bharati University (2014), Santiniketan, West Bengal

Post-Doctorate Experience (if any): NIL

Area of Teaching: All aspects of Botany specially Plant systematic and taxonomy.

Research Interest: Plant Diversity, Ethnomedicine, Medicinal plant, Phytosociology.

Awards and Fellowships:

1. Best Poster Award in Category – A on 28th February – 1st March, 2009. 16th West Bengal State Science & Technology Congress” organised by Department of Science & Technology, Government of West Bengal and University of Burdwan.
2. 3rd prize for Poster presentation in UGC-SAP-DRS SPONSORED National Seminar On “Plant and Microbe: Diversity and Utilisation” Organised by Department Of Botany, Visva-Bharati, Santiniketan on March 19-20, 2016.
3. 1st prize for Oral presentation in UGC-DRS-SAPII New Delhi sponsored two days national seminar IARMP, March-12, 2019 Organised by department of Botany and Forestry, Vidyasagar university.

4. Green Citizen of Bankura award, organised by Bankura District Forest, Government of West Bengal, Banmahotsab, 2024.

Research Project:

Project scientist in DST Project entitled ‘**Studies on medicinal and aromatic plants of Birbhum district and documentation of status, habitat, and local uses of the plant species**’ under supervision of Dr. Choudhury Habibur Rahaman, Professor, Visva-Bharati University.

Ph.D. / M. Phil. Thesis Guidance: NIL

Student's Name	Thesis Title	Registration Year	Institution / University

Member of Personal Body / Editorial Board: NIL

Faculty Development Courses / Programs attended:

Name of the Course / Program	Venue	Duration
36 Orientation Programme	University of North Bengal	November 15 - December 12, 2018
UGC sponsored Refreshers Course	University of North Bengal	September 9 – September 22, 2022

National / International Publications:

1. Pradhan B, Rahaman CH. 2011. Studies on plant wealth associated with folk medicine in Birbhum district, West Bengal, India. The Socioscan3(1&2): 17-20.
2. Rahaman CH, Pradhan B. 2011. A study on the ethnomedicinal uses of plants by the tribal people of Birbhum district, West Bengal, India. Journal of Economic Taxonomic Botany35(3): 529 - 534.
3. Pradhan B, Rahaman CH. 2014. New addition to the flora of Birbhum. Journal on New Biological Reports 3(3): 228-233.
4. Pradhan, B. & Rahaman, C.H. (2015). Phytosociological study of plant species in three tropical dry deciduous forest of Birbhum districts, West Bengal. India journal of Biological and Environmental sciences, 7(2): 22-31.
5. Pradhan B, Rahaman CH. 2019. Documentation of medicinal flora of Birbhum district, West Bengal, India. Remarking An Analisation 3(10): 120-124.
6. Mandal S, Pradhan B, Rahaman CH. 2018. Two climbers new to the flora of Birbhum district, West Bengal, India, Journal of Economic and Taxonomic Botany 41(3-4):129-131.

7. Rahaman CH, Pradhan B and Mondal S. 2015. New record of *Eulophia explanata* Lindl. (Orchidaceae) for the state of West Bengal, India. *Indian Forester* 141(8): 902-904.
8. Pradhan, B, 2023. A Preliminary Study on Ethnomedicinal plants of Bankura district, West Bengal, India. *Environment and Ecology* 41(1A):332-339.
9. Pradhan B, Mondal S. 2023. A quantitative Ethnobotanical approach to assess knowledge richness on using plants among the Santal Medicine Men of Birbhum district, West Bengal, India. *Ethnobotany Research and Applications* 26(17):1-21.
10. Pradhan B and Mukherjee SK. 2020. Documentation of some rare medicinal plant species and their ethnomedicinal uses. *Wesleyan Journal of Research*. Vol 14. 147-161.
11. B Pradhan, Rahaman CH and Mondal S. 2024. *Crotalaria verrucosa* L. (Leguminosae) The blue-flowered Rattle -pod. *EIACP NEWSLETTER*, BSI. 28(4).
12. Mondal S. Rahaman CH and Pradhan B. 2023. *Biophytum sensitivum*-the wild "Touch me not" *EIACP NEWSLETTER*, BSI. 28(1).
13. Mondal, S., Pradhan, B., Mukhopadhyaya, A. and Pal, S. 2025 A REVIEW ON *DILLENIA PENTAGYNA* ROXB. (DILLENIACEAE) WITH NOTES ON ITS CONSERVATION, Harvest (Online); Bi-Annual, Volume 10(1).
14. Pradhan, B. and Bouri, T. 2025. A review on *Ampelocissus latifolia* with its ethnomedicinal importance. *International Journal of Botany Studies*. Volume 10(8).
15. Pradhan, B. and Bouri, T. 2025. Phyto-diversity and biological spectrum analysis of a dry deciduous forest in Birbhum District, West Bengal, India. *Indian Journal of Applied and Pure Biology*. Vol. 40(3).

Book Chapters Published:

1. Pradhan, B and Rahaman, C.H. (2017). *New Addition To The Flora Of Birbhum District, West Bengal, India* : In A DIAMOND COLLECTION OF RESEARCH ARTICLES, ed. by Chattopadhyay, A 261-68.

National / International seminars / conferences / workshop attended/ Paper presented:

Sl	Name of Seminar /	Venue	Duration	State/	Nature of
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No	Workshop / Symposium			National/ International	Participation
1.	15 th West Bengal State Science & Technology Congress	Engineering & Science University, Shibpur, Howrah	28–29 th February, 2008.	National Seminar	Poster
2.	Medicinal Plants: Aspects and prospects	Department of Botany, University of Burdwan, Burdwan	15-16 th March, 2008.	National Seminar	Poster
3.	16 th West Bengal State Science & Technology Congress	Department of Science & Technology, Government of West Bengal and University of Burdwan, Burdwan	28 th February–1 st March, 2009.	Science & Technology Congress	Poster (Best Poster Award in Category - A)
4.	“ <i>Angiosperm Systematic & Phylogeny: Retrospects & Prospects</i> ” and XIX Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT)	National Botanical Research Institute (NBRI), Lucknow	12–14 th November, 2009.	International Symposium	Poster
5.	“ <i>Taxonomy, Plant Diversity and Conservation</i> ” and XX Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT)	Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu	26-28 th November, 2010	International Symposium	Poster
6.	XXI Annual Conference of Indian Association for Angiosperm Taxonomy (IAAT) and National Seminar on “ <i>Biodiversity Conservation and Climate Change</i> (BCCC-11)”	Environment and Sustainability Department, Institute of Minerals and Materials Technology, Council of Scientific & Industrial Research Bhubaneswar, Odisha	2-4 th December, 2011.	National Seminar	Oral
7.	XXIII Conference of Indian Association	Post Graduate Department of	December 27-29 th , 2013.	National Seminar	Oral

	for Angiosperm Taxonomy and National Seminar On Recent Advances In Plant Taxonomy Research	Botany, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur			
8.	“National Symposium On Plant Diversity: Structure, Function, Utilization and Conservation”	The Botanical Society of Bengal, in collaboration with Department of Botany, University of Calcutta	December 4-6, 2014.	National Symposium	Oral
9.	UGC-SAP-DRS SPONSORED National Seminar On “Plant And Microbe: Diversity And Utilisation”	Department Of Botany, Visva-Bharati, Santiniketan	March 19-20, 2016.	National Seminar	Poster (awarded 3 rd position)
10.	XXXIX All India Conference Of The Indian Botanical Society & National Symposium On “New Approaches And Recent Challenges In Botany	Department of Botany, Ranchi University, Ranchi, Jharkhand	October 21-23, 2016.	National Symposium	Oral
11.	“National Seminar On Plant and Microbial Resources: Utilisation and Conservation	Department Of Botany, Visva-Bharati, Santiniketan	March 15-16, 2017.	National Seminar	Oral
12.	Interdisciplinary approach of research in medicinal plants	Department of Botany and Forestry Vidyasagar University	March 12-13, 2019	National Seminar	Oral (awarded 1 st Prize)
13.	Sustainable utilization of Plants and microbes	Department of Botany, Visva-Bharati, Santiniketan	March 28, 2019	National Seminar	Poster
14.	Workshop on Herbarium Technique And Methodology; Envis Centre On Floral Diversity	Ministry of Environment & Forests, Govt. of India, Indian Botanic Garden, Howrah	25 th -26 th March 2006.	Workshop	Attended
15.	Medicinal plants- Biodiversity, sustainable utilization and cultivation	Department of Botany, Visva-Bharati, Santiniketan	14-15 January	Workshop	Attended

16.	“Excitements in Taxonomy & Ethnobotany for Young Researchers” & Medal Awarding Ceremony of APT (Association for Plant Taxonomy) & SEB (Society of Ethnobotany)	Botanical Survey of India	19 th June 2014.	National Seminar	Attended
17.	“Plants and Microbes: Their interaction and Utilization”	Department of Botany, Visva-Bharati, Santiniketan	7 th and 8 th March, 2016	National Conference	Oral
18.	XXXIII Annual Conference of IAAT and International Seminar	Department of Botany, University of Calcutta in collaboration with BSI	25 th and 27 th November, 2023	International Seminar	Oral
19.	Emerging Trends in Biological Sciences	Department of Botany Vidyasagar College	8 th November, 2022	International Seminar	Oral
20.	One day Workshop on Conservation of Flora, Fauna, Nature scape and Human scape of Bankura Municipality.	Bankura Christian College	23 rd September, 2022	Workshop	Resource person
21.	National Conference PHYSICON	Department of Physiology, Bankura Christian College	18 th -20 th November, 2022	National Conference	Invited Lecture
22.	6 th Regional Science and Technology Congress, 2023-2024	SKBU and DST, Govt. of West Bengal	13 th December, 2023	Regional Science Congress	Oral
23.	Two-day National Seminar on Recent Advances in Plant Science	Department of Botany. Midnapore College	2 nd and 3 rd March, 2020	National Seminar	Oral

Other Notable Activities:

1. Discovered and described new distributional records for *Eulophia explanata* Lindl. an orchid for the state of West Bengal with Dr. Chowdhury Habibur Rahaman and Swarnendu Mondal which is exclusively new to the flora of West Bengal.

2. Worked as assistant teacher (2008 - 2016) in Budbud girls' High School, Budbud, Burdwan.

3. Participated as Key Resource Person (KRP) in the Workshop to enhance the quality of Teaching –Learning system organised by West Bengal Board of Secondary Education on 5.11.08 - 9.11.08 at Robichayya, Bolpur, Birbhum.