PersonalProfile/CurriculumVitae

Dr. TRIPTI BOURI Assistant Professor

Address

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	Department of Botany	
	Bankura Sammilani College	
	P.O Kenduadihi; Dist Bankura	
	Pin-722102, West Bengal.	
ii) Permanent Address:	C/o Balaram Bauri	
	Vill Ratanpur; P.S.Indpur	
	P.O Ahanda; Dist Bankura	
	Pin-722173,WestBengal.	

	Personal Details
Contact Number:	8902674269,8918314418
Email Id:	tbouribot@gmail.com
Date of Birth:	12/02/1984
Date of Joining:	12/05/2022
Web Page Link (if any):	https://www.researchgate.net/profile/Tripti-Bouri-2
	https://bankurasammilanicollege.irins.org/profile/281203
	https://scholar.google.com/citations?user=L_N1h7wAAAAJ&hl=en

Educational Oualification

M Sc.:	The University of Burdwan,	2008
Ph. D:	The University of Burdwan,	2013

Post-Doctorate Experience (if any): NA

<u>Area of Teaching</u>: Plant Taxonomy (Spl.paper), Phycology, Ecology, Archegoniate, Agronomy, Pharmacognosy, Natural Resource Management, Economic Botany.

Research Interest:

- Plant Taxonomy
- Ethnobotanical documentation.
- Medicinal plant and their conservation.
- Non-Timber Forest Products and their commercialization.
- Ecology
- Soil Science

Awards and Fellowships: NA

Research Project:

 DST sponsored project entitled "Integrated Project on Conservation, Demonstration and Training on Sustainable use of Medicinal Plants for Upgradation of Livelihood of Poor Families of Backward Classes in Bankati Gram Panchayat Area in the District of Burdwan, West Bengal" (2009-2011) under supervision of Prof. Ambarish Mukherjee, BurdwanUniversity.

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

Student's Name	Thesis Title	Registration Year	Institution/University
-	-	-	-

Member of Personal Body/Editorial Board: NA

Faculty Development Courses/Programs attended:

Name of the Course/Program	Venue	Duration
76 th Orientation Programme	University of Jadavpur,	03/02/2020 - 24/02/2020
	Kolkata	
Refresher Course	Kumaun University, Nainital	26.10.2020- 10.11.2020
	(Uttarakhand), India	
Refresher Course	Kumaun University, Nainital	04.08.2023 - 18.08.2023
	(Uttarakhand), India	

National/International Publications (if any):

A. <u>Research articles in Journals</u>

I. In International Journal:

- Bouri, T. and Mukherjee, A. 2011. Floristic composition of the forest areas under Bankati Gram Panchayat in Burdwan District, West Bengal. *Indian Journal of Applied and Pure Biology*. 26 (2): 321-325.
- Bouri, T. and Mukherjee, A. 2011a. Biological spectrum of Bankati forest areas in Burdwan District, West Bengal, *Indian journal of scientific Research*. 2(4): 57-60.
- Mukherjee, A. and Bouri, T. 2011. Indigenous knowledge about the use of non-timber phytoresources as documented from forest areas under Durgapur Forest Range, Burdwan District, *The Ecoscan.* 1: 59-62.

- Bouri, T. and Mukherjee, A. 2012. Non-Timber use of forest resources in Bankati Gram Panchayat area, Burdwan District, West Bengal. *Panchakotessay.* 3(1) 15-20.
- Bouri, T. and Mukherjee, A. 2012. A taxonomic census of Magnoliophytes associated with the forest abodes of tribals in Durgapur Forest Range of Burdwan district, West Bengal. *Indian journal of Life science* 2(1): 47-54.
- 6. **Bouri T.,** Mukherjee A., 2013. Herbal Remedies of Arthritis as documented from Santhals of Burdwan District, West Bengal, India *.The Journal of Ethnobiology and Traditional Medicine. Photon*, **118**: 279-281.
- Bouri T., Palit D and Mukherjee A. 2013. Phytosociology and pedological characteristics of selected beats of Durgapur Forest Range, West Bengal, India. *Communications in Plant Sciences*, 3(3-4): 37-45.
- 8. **Bouri, T.** and Mukherjee, A. 2013. Documentation of traditional knowledge and indigenous use of Non-Timber Forest Products in Durgapur Forest Range of Burdwan District, West Bengal. *The Ecoscan*, Special Issue, **3**:69-74.
- Bouri T., Palit D and Mukherjee A. 2014. An investigation of plant communities in Basudha beat of Durgapur Forest Range, West Bengal, India. *Int. J. Curr. Microbiol. App. Sci*, 3(9): 596-607.
- Bouri T., Palit D and Mukherjee A. 2015. Livelihood dependency of rural people utilizing Non-Timber Forest Product (NTFPs) in a moist deciduous forest zone, West Bengal, India. *International Journal of Advanced Research*, 3(4): 1030-1040.
- 11. **Bouri T**. and Ganguly S. 2016. Documentation of traditional knowledge on edible wild plants of forests in Burdwan district, West Bengal(India). *Journal of Medicinal Plants Studies*, **4**(**5**): 35-38.
- Bouri T. and Chatterjee M. 2023. Carbon sequestration potential of Phanerophytes for environmental improvement to mitigate climate change. Indian J. Applied & Pure Bio. Vol. 38(3): 1575-1589.

II. In National Journal:

- Bouri, T. and Mukherjee, A. 2011. Nonitrees should be protected in Basudha Beat, Burdwan district, West Bengal. *Envis News letter*, BSI, 16(2) 5.
- 14. Bouri, T. and Mukherjee, A. 2018. Phytoresources from Durgapur forestrange, West Bengal and their sustainable use. *J. Environ. & Sociobiol.* :

15(1):89-92.

 Bauri, S. K.; Susanta, K. De and Bouri, T. 2024. Application of Geotextiles to improve soil properties and productivity under Maize crop in inceptisols. J. Environ. & Sociobiol. : 21(1):21-26.

III. Research articles in edited books

- Bouri, T. and Mukherjee, A.2011. Preliminary survey of the plant resources in Bankati Gram Panchayat, Burdwan district, Paschimbanga. In : *Recent studies in Biodiversity and Traditional Knowledge in India*(Ed.Chandra Ghosh and A.P. Das) pp. 153-159. Gour Mahavidyalaya, Malda. (ISBN: 978-81-920386-1-2).
- Bouri, T. and Mukherjee, A.2012. Studies on seed characteristic features of some medicinal plants. In: *Multidisciplinary Approaches in Angiosperm Systematics* (Ed.Gaurgopal Maiti and Sobhan Kumar Mukherjee) pp.80-85. University of Kalyani, Kalyani. (ISBN: 978-93-5067-867-1).
- Roy, A., Bouri, T. and Mukherjee, A.2011.Ongoing conservation measures in some areas of Durgapur forest range, Burdwan district, West Bengal. In: *Biodiversity the natural wonder issues and concern* (Ed. Partha Sarathi Mukherjee, Irani Biswas and Prasanta Mallick) pp. 156-163.Vivekananda Mahavidyalaya, Hooghly, W.B. (ISBN: 978-93-80663-61-6).
- Mukherjee, A. and Bouri, T. 2012.Documentation of Ethno-Medicinal uses of plants by Santhals in Burdwan District, West Bengal, India. In: *Medicinal Plants: Various Perspectives* (Eds. J.P.Keshri and R.Mukhopadhyay) pp.129-141. Department of Botany & Publication Unit, The University of Burdwan. (ISBN 81-87259-85-X).
- Bouri, T. and Mukherjee, A. 2014. Phytoresources as documented from Garkella-Kherobari and Gourangapur forest areas under Durgapur Forest Range, Burdan District, West Bengal. In: *Proc. Nat.Sem.Trad.Knowl. & Soc. Prac* (Ed. Z.S.I. and SEBA) pp. 121-126. Director *Zool.Surv. India*, Kolkata. (ISBN 978-81-8171-368-1).
- Bouri, T. 2021. Biodiversity and its conservation through sustainable development. In: Forestry in India: An overview. (Eds. Jayasree Laha, Parthapratim Chakravorty, Debjani, Mukherjee, Nirmalya, Kr. Sinha, Rashmi, Mukherjee and Achintya Kr. Samanta) pp. 23-33. Innovative publication books (ISBN: 978-93-91208-32-5).

- Bouri, T. and Karmakar, A. 2024. Natural Resources and its Sustainable Management. In Sarkar, A.K. and Roy, G.C. (Eds.) Natural Resources. Akinik Publication, New Delhi, India. 21-40 (ISBN: 978-93-6135-472-4).
- Karmakar, A. and Bouri, T. 2024. An Overview on Vermicompost and its Uses in Sustainable Agriculture. In Sarkar, A.K. and Roy, G.C. (Eds.) Natural Resources. Akinik Publication, New Delhi, India. 155-170 (ISBN: 978-93-6135-472-4).

No of Books:

• **Bouri,T.** Bauri S.K. and Mukherjee, A. 2016.Studies on NTFPs of Burdwan District, West Bengal, Lambert Academic Publishing.

Paper presented in Conference:

Title of Paper	Name of the Conference	Organised by	Venue & Date
1. Seed morphology and spermoderm characteristics of some medicinal plants.	International Seminar on XVII.	IAAT	11-13 Octobor,2008; Kalyani
2. A Preliminary Survey of the Plant Resources in Bankati Gram Panchayat, Burdwan District, West Bengal.	International Seminar on XIX	IAAT	12-14 November,2009; NBRI,Lucknow
3. Taxonomic census of phytoresources in Deul and Kherobari forest areas in Bankati Gram Panchayat, Burdwan District.	National seminar on Angiosperms Taxonomy	Calcutta University	9 th January,2010; Ballygung Science College
4. Biodiversity status of the forest areas under Bankati Gram Panchayat, Burdwan District.	International Seminar on Research in Zoology -Basic and Applied	Department of Zoology, Burdwan University	Burdwan, 11-17 March,2010
5. Biological spectrum of Bankati Forest areas in Burdwan	Symposium on Contemporary Trends in Plant and Microbial science	Department of Botany,UGC Centre For Advanced Study,Burdwan University	Burdwan, 19-20 March,2010

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District, West			
Bengal.			
6. Non-Timber	State level	Department of Botany,	Guskara,Burdwan; 27 th
forest products	Seminar on	Guskara Mahavidyalaya	March,2010
in use by the	Biodiversity :		,
Tribal of	Issue and		
Burdwan	Concerns		
District, West			
Bengal.			
7. An insight into	Diversity,	Department of	Dept. Of Botany,North
the	Conservation and	Botany,North Bengal	Bengal; 14-16
phytodiversity	Sustainable	University and East	December,2010
of Gaddikhana	Utilization of	Himalayan Society for	December/2010
forest in	Plants and	Spermatophyte	
Darjeeling	Traditional	Taxonomy	
Himalaya.	Knowledge in	Taxonomy	
Tillialaya.	0		
8. Study of	Eastern Himalaya	Department of	Malda West Parash 4 5
Importance of	The Exploration, Protection and	1	Malda, West Bengal; 4-5
Different Plant		Botany,Gour	February,2011
	Conservation of	Mahavidyalaya	
species	Biodiversity and		
composing the	Traditional		
Forest	Knowledge		
Community in			
Bankati Gram			
Panchayat Area			
of Burdwan			
District,West			
Bengal.			
9. The Non-	Conservation,	Institute of Forest	Lalgutwa,Ranchi; 8-9
Wood Forest	Improvement and	Productivity and	March,2011
Products	Sustainable Use of	National Medicinal	
(NTFPs) in use	Medicinal Plants	Plant Board	
by the Paharia	and Non-Wood		
Tribe settled in	Forest Products		
Ayodhya Hills of			
Purulia District			
(West Bengal).			
10. Diversity as	National seminar	Zoological Survey of	Kolkata; 24 th September,
revealed in the	on Traditional	India	2011
mirror of Seed	knowledge and		
Micro-	social practices		
morphology	promoting		
	Biodiversity		
	Conservation		
11.Ten important	UGC Sponsored	Department of Botany,	Garhbeta, Gangani; 8th &
tribal medicines	National Seminar	Garhbeta College.	9 th November, 2011
as documented	on "Modern		
during	Ethnobotany: Its		
ethnobotanical	Concepts and		
studies in	Relevances"		
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Panchayat under Burdwan District, West Bengal			
12. Ongoing conservation measures in some areas of Durgapur forest range, Burdwan District, West Bengal	Abstracts of the National Seminar on "Biodiversity, the Natural Wounder: Issue and Concern"	Department of Botany, Raja Rammohun Roy Mahavidyalaya and Vivekananda Mahavidyalaya, Hooghly	Hooghly; 1 st & 2 nd December, 2011
13. Non-Timber use of forest resources of Bankati Gram Panchayat, Burdwan District	UGC Sponsored National Seminar on Evaluation of Ecosystem and Biodiversity with Economic Compass	Panchakot Mahavidyalaya,Purulia	Purulia; 3 rd & 4 th February, 2012
14. Documentationof forest resourcesin BurdwanDistrict, WestBengal: EdibleWild Plants	4 th International Conference of the Association on Anthropogenic Impact on Environment and Conservation Strategy	Dept. of Zoology, Ranchi University and Dept. of Zoology & Botany, St. Xavier's College, Ranchi	Ranchi, Jharkhand; 2 nd & 4 th November, 2012.
15. Documentation of traditional knowledge and indigenous use of Non- timber forest products in durgapur forest range of Burdwan district, West Bengal	National seminar on ecology, Environment and development (NASEED-2013)	P.G. Dept. of Environmental Sciences, Sambalpur University and NEA.	Sambalpur University; 25 th & 27 th january 2013.
16. Phytoresources Documented from Durgapur Forest range of Burdwan District, West Bengal (India) for their sustainable use	National Seminar on "Forest Resources: Conservation issues and management	SEBA	Kolkata; 9 th September, 2017.
17. Wild ediblefruits diversityunder DurgapurForest Range ofBurdwan District	International Science Seminar on "Science: Past, Present and Future"	Syamsundar College and Indian Chemical Society	Bardhaman; 12 th December, 2017.

18. Life forms and biologicalInternational spectrum of a dry deciduous forest in ger. The Indian perspectivenearation Burdwan District, Verst Bengal.International ger. The Indian perspectivenearation Indian Fern SocietyHatgobindopur, Purba Bardhaman; 8th -10th March, 201919. An assessment of non timber forest products in burdwan district, west bengal, india1st International conference on COPIne Recent Approaches in Plant 2022)Department of Botany, University of Education Labore, PakistanPakistan; 30-31th March, 2022 (Online mode)20. Exploration of plant diversity at the forest products in Burdwan District.International conference on Life and Environment: Issues and Concernship PakistanDepartment of Botany, Vivekananda Mahavidyalaya in collaboration with IQAC, Vivekananda Mahavidyalaya, Purba Bardhaman.Purba Bardhaman.; 9th March 202321. Carbon sequestration phanerophytes for environmental improvement to mitigate climate change.Perfection of Botany, SKBU, Purulia and Dept. of science and Technology, Govt. of West Bengal.Purulia; 12th & 13th December 2023.22. Herbal medicines as documented during ethnobotanical studies under west Bengal.Department of Botany, SKBU, Purulia and December of Botany, SKBU, Purulia and December of Botany, SKBU, Purulia, 22th & 23th December 2023.22. Herbal medicines as documented during ethnobotanical swiniar on Witcrobes and social equity"Department of Botany, SKBU, Purulia Botany, SKBU, Purulia, 12th & 23th December, Bankura Sammiliani CollegeScience and Technology, Govt. of Mi				8
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Seminar Attained:

- International conference on Mother earth Organized by Environmental Science Department of Burdwan University, 13th-15thFebruary 2010.
- National seminar on Recent trends in Biotechnology Organized by Biotechnology Department of Burdwan University, 11th and 12thMarch 2010.
- National seminar cum Exposition- Modern Microscopes and their applications Organized by USIC Department of Burdwan University, 8th and 9th April 2010.
- A workshop on Contemporary techniques on plant and Microbial Sciences Organised by Department of Botany, Burdwan University, 25-26 March 2011.
- Workshop on Survey and Documentation of Status, Habitat and Local Uses of the Medicinal and Aromatic Plants of Different Districts of West Bengal Organised by Department of Science and Technology Govt. Of West Bengal, 23-24 March 2011.
- Workshop on Botanical Nomenclature Course Organised by Botanical Survey of India and ENVIS Centre on Floral Diversity, Howrah from January 11 to 13 2013.
- Workshop on Preservation Methods Along with the Practical Techniques, Organised by Department of Botany and Alumni Association (Botany) in association with BSI, Kolkata and DST, Govt. of W.B.,3rd to 7thMarch, 2014.
- One day seminar on "the common threads in Physical Sciences" 18th February, 2016 at Jhargram Raj College.
- Hands ontraining in the national Seminar on "Teaching Botany in21st Century:prospects and challenges", Organised by Department of Botany Bidhannagar College on 6th 7th August, 2016.
- Workshop on "Promotion under career advancement scheme" Organised by Internal Quality Assurance Cell Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly, West Bengal on 19th July 2019.
- Two days National level Workshop on "Identification & Nomenclature of Plants including lower groups (Algae, Fungi and Bryophyte)" Organised by EIACP-PC-RP on Biodiversity (Flora) & Central National Herbarium, Botanical Survey of India, Howrah. In collaboration with Dept. of Botany, Ramananda College, Bishnupur, bankura on 5th & 6th October, 2023.

Syllabus Workshops:

- One day Workshop for reconstruction of syllabi (Semester with CBCS) of Botany (Hons. And General), Organised by Department of Botany Burdwan University on 12th May 2017.
- One day Workshop on the proposed syllabi of Botany (Hons. And General) courses of Studies under Semester with CBCS (From Sem.-III to Sem.-VI) Organised by Department of Botany Burdwan University on 04th June 2018.

Other Notable Activities:

- 1. Parttime lecturer in Nistarini Women's College, Purulia during the period of November 2008 to August 2009.
- 2. Guest lecturer in PG Dept. of Botany, Ramananda College, Bishnupur during the period of November 2013 to January 2014 and November 2014 to January 2015.
- Assistant Professor of Botany in Jhargram Raj College (W.B.E.S.) during the period of 26th February 2015 to 16th January 2017.
- 4. Assistant Professor of Botany in Khalisani Mahavidyalaya, Chandannagar (C.S.C.), Hooghly during the period of 17th January 2017 to 11th may 2022.
- Assistant Professor of Botany in Bankura Sammilani College during the period of 12th May 2022 to till date.