

# Personal Profile/Curriculum Vitae

**Dr. TRIPTI BOURI**  
Assistant Professor



## Address

**i) Address for Communication:** Dr. Tripti Bouri  
Department of Botany  
Bankura Sammilani College  
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Pin-722102, West Bengal.

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## Personal Details

**Contact Number:** 8902674269, 8918314418  
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**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](https://scholar.google.com/citations?user=L_N1h7wAAAAJ&hl=en)

## Educational Qualification

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

**Post-Doctorate Experience (if any):** NA

**Area of Teaching:** 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, Burdwan University.

**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 <sup>th</sup> Orientation Programme	University of Jadavpur, Kolkata	03/02/2020 - 24/02/2020
Refresher Course	Kumaun University, Nainital (Uttarakhand), India	26.10.2020- 10.11.2020
Refresher Course	Kumaun University, Nainital (Uttarakhand), India	04.08.2023 – 18.08.2023

**National/International Publications (if any):****A. Research articles in Journals****I. In International Journal:**

1. **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.
2. **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.
3. 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.

4. **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.
5. **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.
7. **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.
9. **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.
10. **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.
12. **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:

13. **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.

15. 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**

1. **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).
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).
3. 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).
4. 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).
5. **Bouri, T.** and Mukherjee, A. 2014. Phytoresources as documented from Garkella-Kherobari and Gourangapur forest areas under Durgapur Forest Range, Burdwan 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).
6. **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).

7. **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).
8. 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 October, 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 <sup>th</sup> January, 2010; Ballygunj 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

District, West Bengal.			
6. Non-Timber forest products in use by the Tribal of Burdwan District, West Bengal.	State level Seminar on Biodiversity : Issue and Concerns	Department of Botany, Guskara Mahavidyalaya	Guskara, Burdwan; 27 <sup>th</sup> March, 2010
7. An insight into the phytodiversity of Gaddikhana forest in Darjeeling Himalaya.	Diversity, Conservation and Sustainable Utilization of Plants and Traditional Knowledge in Eastern Himalaya	Department of Botany, North Bengal University and East Himalayan Society for Spermatophyte Taxonomy	Dept. Of Botany, North Bengal; 14-16 December, 2010
8. Study of Importance of Different Plant species composing the Forest Community in Bankati Gram Panchayat Area of Burdwan District, West Bengal.	The Exploration, Protection and Conservation of Biodiversity and Traditional Knowledge	Department of Botany, Gour Mahavidyalaya	Malda, West Bengal; 4-5 February, 2011
9. The Non-Wood Forest Products (NTFPs) in use by the Paharia Tribe settled in Ayodhya Hills of Purulia District (West Bengal).	Conservation, Improvement and Sustainable Use of Medicinal Plants and Non-Wood Forest Products	Institute of Forest Productivity and National Medicinal Plant Board	Lalgutwa, Ranchi; 8-9 March, 2011
10. Diversity as revealed in the mirror of Seed Micro-morphology	National seminar on Traditional knowledge and social practices promoting Biodiversity Conservation	Zoological Survey of India	Kolkata; 24 <sup>th</sup> September, 2011
11. Ten important tribal medicines as documented during ethnobotanical studies in Bankati, a forested Gram	UGC Sponsored National Seminar on "Modern Ethnobotany: Its Concepts and Relevances"	Department of Botany, Garhbeta College.	Garhbeta, Gangani; 8 <sup>th</sup> & 9 <sup>th</sup> November, 2011

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 <sup>rd</sup> & 4 <sup>th</sup> February, 2012
14. Documentation of forest resources in Burdwan District, West Bengal: Edible Wild Plants	4 <sup>th</sup> 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 <sup>nd</sup> & 4 <sup>th</sup> 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 <sup>th</sup> & 27 <sup>th</sup> 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 <sup>th</sup> September, 2017.
17. Wild edible fruits diversity under Durgapur Forest Range of Burdwan District	International Science Seminar on “Science: Past, Present and Future”	Syamsundar College and Indian Chemical Society	Bardhaman; 12 <sup>th</sup> December, 2017.

18. Life forms and biological spectrum of a dry deciduous forest in Durgapur under Burdwan District, West Bengal.	International conference on “Next ge: The Indian perspectiveneration Pteridology	Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya and Indian Fern Society	Hatgobindopur, Purba Bardhaman; 8 <sup>th</sup> -10 <sup>th</sup> March, 2019
19. An assessment of non timber forest products in burdwan district, west bengal, india	1 <sup>st</sup> International conference on (Online) Recent Approaches in Plant Science (RAPS-2022)	Department of Botany, University of Education Lahore, Pakistan	Pakistan; 30-31 <sup>st</sup> March, 2022 (Online mode)
20.Exploration of plant diversity at the forest patches in Bankati gram Panchayat, Burdwan District.	International conference on Life and Environment: Issues and Concerns	Department of Botany, Vivekananda Mahavidyalaya in collaboration with IQAC, Vivekananda Mahavidyalaya, Purba Bardhaman.	Purba Bardhaman.; 9 <sup>th</sup> March 2023
21. Carbon sequestration potential of phanerophytes for environmental improvement to mitigate climate change.	6 <sup>th</sup> Regional Science and Technology Congress	Department of Botany,SKBU, Purulia and Dept. of science and Technology and Biotechnology, Govt. of West Bengal.	Purulia; 12 <sup>th</sup> &13 <sup>th</sup> December 2023.
22. Herbal medicines as documented during ethnobotanical studies under Burdwan District, West Bengal.	Two day international seminar on “Microbes and social equity”	Department of Microbiology & IQAC, Bankura Sammilani College	22 <sup>nd</sup> & 23 <sup>rd</sup> December, 2023.



**Seminar Attained:**

- International conference on Mother earth Organized by Environmental Science Department of Burdwan University, 13<sup>th</sup>-15<sup>th</sup> February 2010.
- National seminar on Recent trends in Biotechnology Organized by Biotechnology Department of Burdwan University, 11<sup>th</sup> and 12<sup>th</sup> March 2010.
- National seminar cum Exposition- Modern Microscopes and their applications Organized by USIC Department of Burdwan University, 8<sup>th</sup> and 9<sup>th</sup> 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., 3<sup>rd</sup> to 7<sup>th</sup> March, 2014.
- One day seminar on “the common threads in Physical Sciences” 18<sup>th</sup> February, 2016 at Jhargram Raj College.
- Hands on training in the national Seminar on “Teaching Botany in 21<sup>st</sup> Century: prospects and challenges”, Organised by Department of Botany Bidhannagar College on 6<sup>th</sup> – 7<sup>th</sup> August, 2016.
- Workshop on “Promotion under career advancement scheme” Organised by Internal Quality Assurance Cell Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly, West Bengal on 19<sup>th</sup> 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 5<sup>th</sup> & 6<sup>th</sup> 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 12<sup>th</sup> 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 04<sup>th</sup> 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.
3. Assistant Professor of Botany in Jhargram Raj College (W.B.E.S.) during the period of 26<sup>th</sup> February 2015 to 16<sup>th</sup> January 2017.
4. Assistant Professor of Botany in Khalisani Mahavidyalaya, Chandannagar (C.S.C.), Hooghly during the period of 17<sup>th</sup> January 2017 to 11<sup>th</sup> may 2022.
5. Assistant Professor of Botany in Bankura Sammilani College during the period of 12<sup>th</sup> May 2022 to till date.