



Dr. Soma Chanda
Assistant Professor (Stage-II)
Department of BOTANY South Calcutta Girls' College

Academic Qualification: MSc., BEd., PhD

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Specialization	Taxonomy of Angiosperms and Ecology
Area of interest	Plant Taxonomy, Ethnobotany, Forest Ecology, Medicinal Plants
Teaching Experience	<p>Former Assistant Professor, Department of Botany Mahishadal Raj College, East Midnapur. (6 years)</p> <p>Former Whole Time Contractual Teacher of Bishnupur Ramananda College, Post Graduate Section (5 years)</p>

Extra curricular activity/other academic work

1. Acted as Course Co-ordinator for UGC Add-on Course in Agriculture (Mushroom plantation) and Agriculture (Organic Farming) under the jurisdiction of Paschim Banga Society for Skill Development (PBSSD) in Mahishadal Raj College with effect from September 13, 2018. Mahishadal Raj College, East Midnapur.
2. Organised - A state level webinar on-“ Contemporary thoughts for Healthcare in the

regime of Covid-19” -as Organising secretary in Department of Botany in collaboration with Department of Nutrition, Mahishadal Raj College on 26th September, 2020.

3. Organised -A National Level Webinar on Recent trends in research on plant science: A molecular approach “ on 29th September, 2020 as organizing secretary in Department of Botany, Mahishadal Raj College in collaboration with Department of Botany Ramnagar College, Eco Club.

4. Life Member of Social Environmental Biological Association Journal.

Total No. Publication: 16 in journal,

Book chapters: 11

Paper Presented in Seminar/Conference:

1. International: 8

2. National -16

Number of Workshop attended: 7

Publication Details:

Sl. No.	Authors	Title	Year of Publication	Journal/Book	ISSN/ISBN NO
1	Dr. Soma Chanda	Study of some Road side vegetation in and around Mahishadal Raj College Areas, Mahishadal, Purba Medinipur, West Bengal	2024	South Calcutta Girls' College Academia	3048-8672
2	Dr. Soma Chanda (Coauthored)	Blumea lacera(Burm.f.) DC: A review on ethnobotany, phytochemistry, ancient medicinal and pharmacological uses.	2023	Plant Science Today	2348-1900
3	Dr. Soma Chanda	A survey of phyto-resources in and around Mahishadal Raj Gsrah area, Purba Medinipur, West Bengal.	2023	Indian Journal of Applied and Pure Biology	0970-2091
4	Soma Chanda, and B. Bhowmik,	An assessment of macrophyte and water characteristics of Pahar Dighi, Purba Medinipur, West Bengal.	2020	J. Environ. & Sociobiol. (Peer reviewed)	2690-1900
5	Chanda S., Mukherjee, A.	Ethnomedicinal phytoresources used in curing different skin diseases by the ethnic people of Ayodhya Hills in Puruliadistrict, West Bengal (India)	2016	<i>Photon</i> (The journal of Ethnobiology and Traditional Medicines)	6642-3194
6	Soma Chanda, S. & A Mukherjee	Some medicinal plants as documented from tribal dominated areas of Ayodhya hills, Purulia : West Bengal) and vicinity.	2014.	Proc. Nat. Sem. Trad. Knowl. & Soc. Prac.	2456- 9364

7	SomaChandaandAMukherjee	StudyofsomeNon-TimberForest Products associated with the lives oftribalsinMathaforestregionof Purulia district, West Bengal.	2013	<i>Ecscan</i>	0974-0376
8	SomaChanda&A.Mukherjee	A taxonomic census of magnoliophytesassociatedwith forest abodes of tribals in Ayodhya hill region of Purulia district, West Bengal.	2013	IndianForester	0019-4816
9	SomaChandaandAMukherjee	Animal resources linked with the life of Birhor community settled inAyodhyahills,PuruliaDistrict , West Bengal.	2012	<i>IndianJ.Applied& Pure Bio.</i>	0970-2091
10	SomaChandaandAMukherjee	Non-timber forest products as documentedfromthePahariatrib e of Ayodhya Hills in Purulia District of West Bengal (India).	2012	ActaBotanica Hungarica	0236-6495
11	Palit,Debnath,Pal,Sudinand Chanda,Soma.	Diversityandrichnessofplantsin Darjeeling Himalaya with an eye on Gaddikhana forest beat, SenchalEastZoneForestRange, Darjeeling.	2012.	IndianJournalo f Forestry	0971-9431
12	SomaChandaandAMukherjee	Phytoremedies used against arthritisbytribalsinAyodhya hills, Purulia District, West Bengal.	2011	<i>Indian Journal of ScientificResearc h</i>	0976-2876
13	A. Mukherjee and SomaChanda	Some common ailments and their herbal cure as documented from Darjeelinganadjoiningregionsof the Eastern Himalayas.	2010	Pleione	0973-9467
14	SomaChanda	Plantsin‘Sikari’medicinefrom Ajodhya hills, Purulia district, WestBengal	2010	<i>EnvisNewsletter</i> , BSI, Kolkata	0974-1992
15	SomaChandaandDebnathPalit	Plant diversity indices and pedological characteristics of Rangiroom Beat, Senchal West Zone Forest Range, Darjeeling, West Bengal, India;	2009	Pleione	0973-9467
16	SomaChanda	EnvironmentalAwarenessamo ng theethniccommunitiesofPuruli a district, West Bengal.	2009	In: World EnvironmentDa y- News Letter	WWF- India; WestBengalStat e Office,Kolkata.

BookChapters

Sl. No.	Chapters in Book/Title	Year of Publication	Books	ISBN Number
1	Non-Timber Phyto-Resources: A Key Element of Sustainable Forest Utilization with Special Reference to Bankati Gram Panchayat Areas of Purba Burdwan District, West Bengal.	2024	Inside the Forests (Book)	978-93-48059-94-9
2	Ethnobiology-and its significance in conservation of Biodiversity.	2023	Sacred Groves and Biodiversity Conservation	978-81-19079-83-4
3	“Millets”: The nutritional Power Houses Transforming India’s Health.	2023	Millets and Biodiversity Conservation –(A Global Perspective	978-81-19757-47-3
4	Role of Non-Timber Forest Resources in the Livelihood of Forest Dwellers in Ayodhya Areas of Purulia District, West Bengal.	2022	New Approaches on Agriculture, Forestry, Horticulture and Fishery (Research and Applied)	978-93-94570-42-9
5	Non Timber Forest Resources of Ayodhya Hills, Purulia and its prospect on Socio-Economic Development among Ethnic Communities.	2022	Ethnobotany and Ethnozoology	978-93-94779-61-7
6	FoodPlantsfromWildernessofAyodhyaHills in Purulia District, West Bengal (India): Aspects and Prospects in the Context of Food Security. BySomaChanda&AMukherjee	2021	Plant-AValuableResource of Sustainable Agriculture, Food and Medicine-Edited by Dr. Dwaipayan Sinha & Rajendra Prasad De	978-9391002-25-2
7	. A Study of some non-timber forest produces associated with the life of tribals in MathaforestregeionofPuruliadistrict,West Bengal. By SomaChanda & A Mukherjee	2012	In: Panchakot essays-a multidisciplinary referred internationaljournal.(eds. Dr.SaptarshiChakraborty and Banibrata Goswami). PanchakotMahavidyalaya, Purulia, West Bengal.	0976-4968.
8	The non-timber use of plant diversity of Ayodhya hills in Purulia district of West Bengal as documented from ethnobotanical studies on Bhumij tribe.	2012.	In: Biodiversity the natural wonder Issues and Concern. (eds. Partha Sarathi Mukherjee,IraniBiswasand Prasanta Mallick). R.R. R. Mahavidyalaya, Hooghly, West Bengal.	978-93-80663-61-6

9	Study of some non-timber forest produces associated with the life of tribals in Matha forest regeion of Purulia district, West Bengal. By Soma Chanda & A Mukherjee	2012	In: Panchakot essays-a multidisciplinary referred international journal. (eds . Dr. Saptarshi Chakraborty and Banibrata Goswami). Panchakot Mahavidyalaya, Purulia, West Bengal.	0976-4968
10	Documentation of some medicinal plants used by Sikaris of Purulia District, Paschim Banga. By Soma Chanda & A Mukherjee	2011	In: Recent Studies in Biodiversity and Traditional Knowledge in India. (eds. C. Ghosh & A. P. Das). Gourbanga Mahavidyalaya, Malda).	978-81-920386-1-2
11	Documentation of some medicinal plants used by Sikaris of Purulia District, Paschim Banga. By Soma Chanda & A Mukherjee	2011	In: Recent Studies in Biodiversity and Traditional Knowledge in India. (eds. C. Ghosh & A. P. Das). Pp. 307-310. Gourbanga Mahavidyalaya, Malda.	978-81-920386-1-2

Presented abstracts in Seminar/Conference/symposium

Sl No.	Title of Paper presented	Name of the Seminar/Conference/Webinar with date	Year	Organised by	Level
1	A brief discussion on <i>Boswellia serrata</i> ---- an important medicinal plant	Interdisciplinary approach on 'Plant, animal Science and Microbes' (IAOPAM-2024) A 2-Day Conference -2024	(20-21st December, 2024)	Organised by the Dept. of Botany GGDC Lalgah, Jhargram, W.B.	National seminar
2	Traditional Concepts and its implication In Conservation of Bio-Resources in India.	International Conference on Life and Environment: Issues and Concern.	9.3.2023	Department of Botany In Collaboration with Internal Quality Assurance Cell, Vivekananda Mahavidyalaya, Burdwan.	International Conference
3	Floristic survey of.....Mahishadal, East Midnapur	Biodiversity Conservation and Sustainable Urban Development	26.04.2023	Department of Geography, Zoology and Botany in collaboration with IIC Cell, Ramnagar College, Purba Midnapur.	National Seminar

4	Significance of Non-wood products in protection of Bioresources” .	Biodiversity and Bioprospecting (Blended Mode)	23.12.2023	Lalgarh Govt. College, Jhargram, West Bengal.	National Conference
5	Conservation of Biodiversity in the Ethnobiological Envision	Ethnobiology Knowledge and Biodiversity Conservation (EKBC)-2022	25-26 November, 2022	Dept of Botany, GGDC Lalgarh in Collaboration with Journal Society, IJIRD, W. B.)	National
6	Sacred Groves- The Indigenous Way of Biodiversity Conservation	Emerging Trends in Biological Sciences	8 th November, 2022	Department of Botany, Suri Vidyasagar College	International
7	Significance of Sacred Groves in Conservation of Biodiversity	Environmental Pollution: Prevention and Management	30-31 March, 2022,	Dept. of Zoology, MRC with IFEE, Kolkata and NES, West Bengal	National Conference
8	A preliminary study on.....	Water Conservation and Harvesting: Focusing Biodiversity Issue and Management organized by and (BSED) in Jadavpur University Campus.	8 th February 2020	SEBA in collaboration with (WBBB), (WBPCB) and (BSED) in Jadavpur University Campus.	National Seminar
9	Study of some Purba Medinipur, West Bengal	Interdisciplinary Approach in Medicinal Plants.	16 th March, 2019	Department of Botany, Ramnagar College.	National
10	Forest Resources : Conservation Issues and Management.	1) Non-timber phyto-resources from different tribal dominated areas of Ayodhya hills in Purulia district for their sustainable use. 2) Documentation of food plants from Kodalbasti forest village under Chilapata forest of Cooch Behar subdivision, Kalchini Block, Alipurduar district, West Bengal: aspects and prospects in the context of food security.	9 th September 2017	Social Environmental and Biological Association	National Seminar
11	Study of some NTFPs associated with the lives of tribals in Matha forest region of Puruliadistrict, W.B.	Ecology, Environment and Development	25 th -27 th January 2013 .	Organised by P.G. Department of Environmental Science, Sambalpur University & National Environmentalists Association, Ranchi.	National Seminar

12	Non-timber phytoresources as documented from indigenous knowledge of the Paharias of Ayodhya hills of Purulia district, West Bengal.	EVALUATION OF ECOSYSTEM & BIODIVERSITY WITH ECONOMIC COMPASS.	3rd & 4th February 2012	Organised by Department of Economics and Zoology., Panchakot Mahavidyalaya, Purulia, West Bengal.	UGC sponsored National Seminar
13	The indigenous knowledge of the Paharias of Ayodhya hills in Purulia district of West Bengal (India) about the use of non-timber phytoresources	Climate change and Sustainable Development.	December, 9-11, 2011	Organized by Department of Botany, University of Dhaka, Bangladesh.	Fifth International Botanical Conference
14	The non –timber use of plant diversity of Ayodhya hills in Purulia district of West Bengal as documented from ethnobotanical studies on Bhumij tribe.	“Biodiversity, the Natural Wonder: Issues and Concern”	December, 1-2, 2011	University Grants Commission sponsored seminar jointly organized by Raja Rammohun Roy Mahavidyalaya, Radhanagar, Hooghly & Vivekananda Mahavidyalaya, Haripal, Hooghly.	National Seminar
15	Some medicinal plants as documented from tribal dominated areas of Ayodhya hills and vicinity.	Traditional Knowledge and Social Practices Promoting Biodiversity Conservation.	September, 24, 2011	Organized by Zoological Survey of India collaboration with SEBA, Kolkata and RKMVMS.	National Seminar
16	Non-wood forest Product use in..... of Purulia district.	Conservation, Improvement, and sustainable use of Medicinal Plants and Non-Wood Forest Products.	March, 8-9, 2011	Institute of Forest Productivity (ICFRE), Ranchi.	National Conference
17	Phytoremedies used against arthritis by tribals in Ayodhya hills, Purulia District of West Bengal.	Exploration, Protection and conservation of Biodiversity and traditional Knowledge.	February, 4-5, 2011	Dept. of Botany, Gour Mahavidyalaya, Malda.	UGC sponsored National Seminar
18	Ecological Investigation on the plant diversity in the 6 th Mile Beat, Senchal East Zone Forest Range, Darjeeling, West Bengal,	Diversity conservation and sustainable utilization of plants and traditional knowledge in Eastern Himalaya.	December, 14-16, 2010	Department of Botany, North Bengal University.	National Seminar
19	Vegetation structure and floristic composition of a tropical dry deciduous forest in Bankati gram Panchayat in Burdwan District of West Bengal, India.	Plant Biosystematists,	2-4 September 2010	Dept. of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.	International Conference

20	Apreliminarystudyabout the Non Timber Forest Produces used by the Paharia tribe of Ayodhya Hills, Purulia district .	GoldenJubileesymposium,	March19-20 2010	DepartmentofBotany, Burdwan University	International
21	Asurveyreportaboutthe animal resources linked with Sikary tribe of Ayodhya Hills.	GoldenJubileeInternational Seminar,	March17-19 2010	DepartmentofZoology, Burdwan University	International
22	Taxonomicdocumentatio n of plants used in ethnomedicineofAyodhya hills, Purulia district.	AngiospermTaxonomy	9 th Januar y 2010	CalcuttaUniversity	Nationa l Semina r
23	1. Apreliminarysurveyo f the plant resources in Bankati Gram Panchayat of Burdwan District. 2. Diversified phyto extracts used in modern medicineandtherapeutic s.		12-14 th November 2009	National Botanical ResearchInstitute(NBR I), Lucknow	XIXAnnua l Internation al Conference
24	A preliminary study of SikarimedicineofPurulia District	Multidisciplinaryapproachesin Angiosperm Taxonomy,	11-13 th October 2008	UniversityofKalyani.	XVIIIAnnua lConference of IAAT at International Seminar