


<p>Dr. Soma Chanda Assistant Professor (Stage-II) Department of BOTANY South Calcutta Girls' College</p>	
Academic Qualification: M Sc., B Ed., Ph D	
Contact details:	9832201269/ 7501504198
E mail	somac10@gmail.com
Specialization	Taxonomy of Angiosperm and Ecology
Area of interest	Plant Taxonomy, Ethno Botany, 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: 13 in journal, Book chapters: 8

1. National: 5

2. International: 8

Paper Presented in Seminar / Conference:

1. International: 7

2. National -13

Number of Workshop attended: 6

Publication Details:

Sl. No.	Authors	Title	Year of Publication	Journal/ Book	ISSN/ISBN NO
1	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
2	Chanda S., Mukherjee, A.	Ethnomedicinal phytoresources used in curing different skin diseases by the ethnic people of Ayodhya Hills in Purulia district, West Bengal (India)	2016	<i>Photon</i> (The journal of Ethnobiology and Traditional Medicines)	6642-3194
3	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
4	Soma Chanda and A Mukherjee	Study of some Non-Timber Forest Products associated with the lives of tribals in Matha forest region of Purulia district, West Bengal.	2013	<i>Ecoscan</i>	0974-0376
5	Soma Chanda & A. Mukherjee	A taxonomic census of magnoliophytes associated with forest abodes of tribals in Ayodhya hill region of Purulia district, West Bengal.	2013	Indian Forester	0019-4816
6	Soma Chanda and A Mukherjee	Animal resources linked with the life of Birhor community settled in Ayodhya hills, Purulia District, West Bengal.	2012	<i>Indian J. Applied & Pure Bio.</i>	0970-2091
7	Soma Chanda and A Mukherjee	Non-timber forest products as documented from the Paharia tribe of Ayodhya Hills in Purulia District of West Bengal (India).	2012	Acta Botanica Hungarica	0236-6495
8	Palit, Debnath, Pal, Sudin and Chanda, Soma.	Diversity and richness of plants in Darjeeling Himalaya with an eye	2012.	Indian Journal of Forestry	0971-9431

		on Gaddikhana forest beat, Senchal East Zone Forest Range, Darjeeling.			
9	Soma Chanda and A Mukherjee	Phytoremedies used against arthritis by tribals in Ayodhya hills, Purulia District, West Bengal.	2011	<i>Indian Journal of Scientific Research</i>	0976-2876
10	A. Mukherjee and Soma Chanda	Some common ailments and their herbal cure as documented from Darjeeling an adjoining regions of the Eastern Himalayas.	2010	Pleione	0973-9467
11	Soma Chanda	Plants in 'Sikari' medicine from Ajodhya hills, Purulia district, West Bengal	2010	<i>Envis Newsletter</i> , BSI, Kolkata	0974-1992
12	Soma Chanda and Debnath Palit	Plant diversity indices and pedological characteristics of Rangiroom Beat, Senchal West Zone Forest Range, Darjeeling, West Bengal, India;	2009	Pleione	0973-9467
13	Soma Chanda	Environmental Awareness among the ethnic communities of Purulia district, West Bengal.	2009	In: World Environment Day- News Letter	WWF- India; West Bengal State Office, Kolkata.

Book Chapters

Sl. No.	Chapters in Book/ Title	Year of Publication	Books	ISBN Number
1	Role of Non Timber Forest Resources in the Livelihood of Forest Dwellers in Ayodhya Hills Areas of Purulia District, West Bengal. By- Soma Chanda	2022	New Approaches on Agriculture, Forestry, Horticulture and Fishery (Research and Applied)--- Kripa Drishti Publications	ISBN 978-93-94570-42-9
2	Non Timber Forest Resources of Ayodhya Hills, Purulia has Prospect on Socio-Economic Development of Ethnic Communities . By Soma Chanda	2022	"Ethnobotany and Ethnozoology"--- Bharati Publications, National Publisher for Higher Education.	ISBN 978-93-94779-61-7
3	Food Plants from Wilderness of Ayodhya Hills in Purulia District, West Bengal (India): Aspects and Prospects in the Context of Food Security. By Soma Chanda & A Mukherjee	2021	Plant- A Valuable Resource of Sustainable Agriculture, Food and Medicine- Edited by Dr. Dwaipayan Sinha & Rajendra Prasad De	ISBN 978-9391002-25-2
4	. A Study of some non-timber forest produces associated with the life of tribals in Matha forest regeion of Purulia district, West	2012	In: Panchakot essays-a multidisciplinary referred international journal. (eds. Dr. Saptarshi Chakraborty	ISBN 0976-4968.

	Bengal. By Soma Chanda & A Mukherjee		and Banibrata Goswami). Panchakot Mahavidyalaya, Purulia, West Bengal.	
5	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, Irani Biswas and Prasanta Mallick). R.R. R. Mahavidyalaya, Hooghly, West Bengal.	ISBN 978-93-80663-61-6
6	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.	ISBN 0976-4968
7	Documentation of some medicinal plants used by Sikaris of Purulia District, Paschimbanga. 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).	ISBN 978-81-920386-1-2
8	Documentation of some medicinal plants used by Sikaris of Purulia District, Paschimbanga. 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.(ISBN –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	Conservation of Biodiversity in the Ethnobiological Envision	Ethnobiology Knowledge and Biodiversity Conservation (EKBC)-2022	25-26 November, 2022	Dept of Botany, GGDC Lalgah in Collaboration with Journal Society, IJIRD, W. B.)	National
2	Sacred Groves- The Indigenous Way of Biodiversity Conservation	Emerging Trends In Biological Sciences	8 th November, 2022	Department of Botany, Suri Vidyasagar College	International
3	Significance of Sacred	Environmental Pollution:	30-31 March,	Dept. of Zoology, MRC	National

	Groves in Conservation of Biodiversity	Prevention and Management	2022	with IFEE, Kolkata and NESI, West Bengal	Conference
4	Apreliminary 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
5	Study of somePurbaMedinipur, West Bengal	Interdisciplinary Approach in Medicinal Plants.	16 th March, 2019	Department of Botany, Ramnagar College.	National
6	Forest Resources : Conservation Issues and Management.	1) Non-timber phyto-resources fm 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 Coochbehar 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
7	Study of some NTFPs associated with the lives of tribals in Matha forest regeions of Purulia district, 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
8	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.	3 rd & 4 th February 2012	Organised by Department of Economics and Zoology., Panchakot Mahavidyalaya, Purulia, West Bengal.	UGC sponsored National Seminar
9	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

10	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
11	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 RKVMS.	National Seminar
12	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
13	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
14	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
15	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
16	A preliminary study about the Non Timber Forest Produces used by the Paharia tribe of Ayodhya Hills, Purulia district .	Golden Jubilee symposium,	March 19-20 2010	Department of Botany, Burdwan University	International
17	A survey report about the animal resources linked with Sikary tribe of Ayodhya Hills.	Golden Jubilee International Seminar,	March 17-19 2010	Department of Zoology, Burdwan University	International
18	Taxonomic documentation of plants used in ethnomedicine of Ayodhya hills, Purulia district.	Angiosperm Taxonomy	9 th January 2010	Calcutta University	National Seminar

19	1. A preliminary survey of the plant resources in Bankati Gram Panchayat of Burdwan District. 2. Diversified phyto extracts used in modern medicine and therapeutics.		12-14 th November 2009	National Botanical Research Institute(NBRI), Lucknow	XIX Annual International Conference
20	A preliminary study of Sikari medicine of Purulia District	Multidisciplinary approaches in Angiosperm Taxonomy,	11-13 th October 2008	University of Kalyani.	XVIII Annual Conference of IAAT at International Seminar