

FACULTY MEMBERS' ACADEMIC PROFILE

1. **Name of the Faculty member:** Archan Bhattacharya
2. **Designation:** Assistant Professor
3. **Qualification:** M.Sc. (Botany), M.Sc. (Ecology & Environment), M.Phil. (Environmental Science), Ph. D. (Science)
4. **Specialization:** Ecology
5. **E-mail address:** archan.bhattacharya@rediffmail.com
6. **Date of Joining in W.B.E.S.:** 28.11.2008
7. **Date of Joining in this College:** 07.09.2021
8. **Total Teaching experience in College level:** ~ 15 years
9. **Research interests:** Ecology field
10. **Title of thesis (Ph.D.) with year:** An Eco-floristic Study on Forests in Bardhaman District, West Bengal
11. **Research guidance:** Nil
12. **Research Projects (Completed and ongoing):** Nil
13. **List of Publications:** Annexure I
 - A) **Published papers in Journals:**
 - B) **Conference Proceedings:**
14. **Membership of Learned Societies/ Editorial Boards, etc.:** Nil
15. **Patents:** Nil
16. **Awards:** Nil
17. **Other notable activities:** Nil
18. **A) Participation in Seminars/Symposia/Conferences/Workshops:** Vide Conference Proceedings in Annexure I
 - B) **Participation in OP/RC:**
 - C)
 1. **Orientation Programme** in the UGC Academic Staff College, University of North Bengal, Siliguri-13 from 25/04/2012-22/05/2012
 2. **Refresher Course** in Life Sciences in the UGC Academic Staff College, University of North Bengal, Siliguri-13 from 19/09/2013-09/10/2013
 3. **Refresher Course** in Disaster Management (interdisciplinary) in the UGC Academic Staff College, University of North Bengal, Siliguri-13 from 5/11/14- 25/11/14

Annexure I				
Published papers in Journals				
	Year	Title	Journal	Vol., No. & Pgs.
1	2013	An account of phytodiversity in forest patches of Bardhaman District, West Bengal	Indian Journal of Forestry	Vol. 36(2): pp. 227-237
2	2013	Botanical documentation of Garh Jungle, Durgapur, West Bengal	Flora & Fauna	Vol. 19 (1), pp. 9-22
3	2013	Phytospectroscopy of forest patches of Bardhaman District, West Bengal	Indian Forester	Vol. 139 (12), pp. 1146-1150
4	2013	A Taxonomic Documentation of Kishalay Boy's Home Campus at Barasat in District North 24-Parganas, West Bengal	Indian Journal of Applied & Pure Biology	Vol. 28 (2), pp. 223-236
5	2013	Assessment of Noise Level at Different Places of Bardhaman Town, Bardhaman, West Bengal	Indian Journal of Applied & Pure Biology	Vol. 28 (1), pp. 77-83
6	2013	Implication of music in chemistry: the periodic table	Indian Science Cruiser	Vol. 26, No. 6, pp. 55-60
7	2014	Phytospectroscopy of Barasat Govt. College Campus at Barasat in District North 24-Parganas, West Bengal	Indian Journal of Applied & Pure Biology	Vol. 29(1), pp. 49-55
8	2014	A Taxonomic Reconnaissance in Himachal Vihar Complex, Matigara, Siliguri, West Bengal	Indian Journal of Applied & Pure Biology	Vol. 29(1), pp. 99-112
9	2014	A Taxonomic Document of Barasat Govt. College Camps at Barasat in District North 24-Parganas, West Bengal	Ecology & Environment	Vol. 32 (2), pp. 501-508
10	2014	Biological Spectrum of Himachal Vihar Complex, Siliguri in District Darjeeling, West Bengal	Ecology & Environment,	Vol. 32 (2) pp. 509-513
11	2014	Assignment of different colours to musical notes in ancient Indian literature: a modern look and its scope in botany	Everyman's Science	Vol. XLIX(4): Oct.14-Nov., pp. 236-244
12	2014	Papaya within Papaya	Rasarnava College Magazine, APC Roy Govt. College, Inner side of Back Cover	In-House Journal
13	2014	Sangeeter sankshipta itihās, bhab ebong prayog (Brief history of music, mood and application)	Rasarnava College Magazine, APC Roy Govt. College, p. 11	In-House Journal
14	2014	Molecular mechanism of the influence of Tansen's song on plants: is serotonin the secret molecule behind? – Indian Science cruiser	Indian Science Cruiser	Vol. 28, No. 4, pp. 29-30
15	2015	Allomorphic female flower in <i>Acalypha indica</i> : a case study of heterobathmy and neutral evolution	Chromosome Botany	Vol. 10 pp. 1-5
16	2015	Affinity of Indian musicology to Botany	Rasarnava College Magazine, APC Roy Govt. College, p. 30-33	In-House Journal

Conference Proceedings				
	Title of the paper	Title of Seminar	Organizer	Type
1	Allomorphic female flower in <i>Acalypha indica</i> : A case study of heterobathmy and neutral evolution	National Symposium on Recent Trends in Plant and Microbial Research, 2013	DST (FIST) & UGC-SAP assisted DRS Deptt. of Botany, University of North Bengal	National
2	Plant music therapy: authenticity and mode of action	Sixth World Music Therapy Conference	Nada Centre for Music Therapy (Chennai) in collaboration with CCM, AIIMS (New Delhi) and Heal Foundation (New Delhi), on March, 7-9, 2014	International
3	Assignment of different colours to musical notes by ancient literature: a modern look	Sixth World Music Therapy Conference	Nada Centre for Music Therapy (Chennai) in collaboration with CCM, AIIMS (New Delhi) and Heal Foundation (New Delhi), on March, 7-9, 2014	International
4	Ensurance of food and environmental security: importance of landscape and water management by indigenes of Purulia, India in panel PE03: Food and environmental security: the imperatives of indigenous knowledge systems	IUAES 2013: Evolving Humanity, Emerging Worlds; 17 th World Congress of the International Union of Anthropological and Ethnological Sciences	UK National Organizing Committee, in Manchester, England, from August 5 to 10, inclusive, 2013	International
5	Ecosystem Engineering in Bistupur Forest, Bistupur Mouza, Molandighi Beat, Durgapur: A Case Study	Tropical Ecology Congress 2014 "Tropical ecosystems in a changing world"	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi & International Society for Tropical Ecology from 10-12th December 2014	International
6	Music Therapy: an age-old magic key for ailments of people	22nd West Bengal State Science and Technology Congress 2015	Deptt. of Science & Technology, Govt. of West Bengal, W.B. State Council of Science & Technology & Univ. of North Bengal, Siliguri, Darjeeling	State
7	Effect of Different Musical Notes and Colours in Plant Life	National Seminar on Contemporary Progress in Plant Sciences	Deptt. of Botany UGC Centre of Advanced Study University of Burdwan, West Bengal, 713 104, India from 20-21, March, 2015	National
8	Biomonitoring of Air pollution in Two Selected Sites of Darjeeling Town with help of some Selected Lichen Species	International Conf on Climate Change and Sustainability	Thakur College of Science & Commerce (Mumbai), Univ of Mumbai,, Edith Cowan University, Australia from 21-23 rd December, 2015	International
9	Acoustic Features of Suri Town, Birbhum, west Bengal	Intern Conf on Frontiers in Biological, Environmental and Medical Sciences	The Univ of Burdwan from 8-10 th March, 2018	International
10	The Vaidic (Vedic) Soma – an Ancient Biotechnological Marvel	Nat sem on Advent of Biotechnology in Life Processes	Deptt of Biotechnology, Burdwan Univ, on 22 & 23 rd March, 2018	National
11	Rama Setu, Gulf of Mannar and the Sethusamudram Shipping Canal Project	Intern Sem on Changing World, Changing Scenario: Challenges & Developments in Contemporary Times	Islampur College, Uttar Dinajpur on 27 & 28 th March, 2018	International