

Curriculum Vitae



Name: DR. GAUTAM GANGULY

Designation: ASSOCIATE PROFESSOR IN BOTANY

Highest qualification: Ph.D. and Post Doctorate (CSIR)

Contact details/ Office address: PG Department of Botany, Darjeeling Government College

Vidwan ID:

Email id: gganguly.bot@gmail.com

Date of joining to this institution: 08.01.2025

Date of joining W.B.E.S.: 01.12.2008

Previous position(s) held: Assistant Professor in Botany, Chandernagore College

Teaching experience in years & months: 16 years 5 months

Awards, Recognition and Honours: CSIR-JRF, 2002, CSIR-Research Associate, 2008.

Courses taught: B.Sc. and M.Sc. courses in Botany

Research area/ interest: Pteridology

Number of Publications-

*Peer reviewed journals: 18

*Conference proceedings: 02

*Chapters in books: 03

Detailed list of publications: Annexure-I

Google Scholar link:

<https://scholar.google.com/citations?user=41PV3U4AAAAJ&hl=en>

Research Gate link:

ORCID ID:

Participation in Workshops/ Training programme/ Certificate course:
Annexure-I

Annexure-I

Book Chapters Published:

1. **Ganguly Gautam 2013.** A Review on the Reproductive Biology of Pteridophytes. In: Eco-Conservation and Sustainable Living (Eds.) C. Gurung & J.B. Bhandari. Narosa Publishing House, New Delhi. Pp.143-161. ISBN:978-818487-216-3
2. **Ganguly Gautam 2015.** Biofertilizers- types and uses with special reference to Azolla: An overview. In: Biofertilizer and Bio-manure for Sustainable Agriculture Edited Volume (Eds.) P. Mallick and P. Mukherjee. Damodar Group, Burdwan. Pp. 66-85. ISBN: 978-81-925800-7-4
3. **Ganguly Gautam and Mukhopadhyay Radhanath 2018.** Studies on the Morpho-anatomy of some species of *Lepisorus* (J.Sm.) Ching of South Sikkim. In: Plant Diversity in the Himalaya Hotspot Region Vol. II (Eds.) A.P. Das and S. Bera. M/s Bishen Singh Mahendra Pal Singh, Dehra Dun. ISBN: 978-81-211-0985-7

Research Papers Published:

1. **Debnath Palit, Gautam Ganguly, Ambarish Mukherjee 2002.** Biological Spectrum of the Ramnabagan Wild Life Sanctuary. **Current Science**.
2. **Gautam Ganguly, Radhanath Mukhopadhyay 2005.** A New Record of *Hypolepis alpina* (Blume) Hook. From Sikkim, India. *Indian Fern Journal*. Vol. 22: 118-120.
3. **Gautam Ganguly, Radhanath Mukhopadhyay 2005.** In vitro study on gametophyte development of *Hypolepis alpina* (Bl.) Hook. **Phytomorphology** vol. 55(3 & 4) pp. 179-184.
4. **Gautam Ganguly, Jnan Bikash Bhandari, Radhanath Mukhopadhyay 2005.** Morpho-anatomical observations on some Indian species of *Loxogramme* (Loxogrammaceae). *Geophytology*. Vol. 35 (1&2): 19-24.
5. **Gautam Ganguly, Radhanath Mukhopadhyay 2006.** New record of *Lepisorus ussuriensis* (Regel et Maack) Ching from Sikkim, India. *Geophytology*. Vol. 36 (1&2): 127-128.
6. **Gautam Ganguly, Radhanath Mukhopadhyay 2007.** Pteridophytic Flora of South Sikkim. *Journal of Botanical Society of Bengal*. Vol. 61(2): 165-185.
7. **Radhanath Mukhopadhyay, Gautam Ganguly, Panchanan De 2008.** Studies in the morpho-anatomy of some Indian species of *Selaginella* Pal. Beauv. *Geophytology*. Vol. 37: 75-80.
8. **Gautam Ganguly, Radhanath Mukhopadhyay 2008.** Studies on the diversity and pattern of vertical distribution of some epiphytic pteridophytes on their host plants of southern Sikkim, India. **Proceedings of The National Academy of Sciences India Section B-Biological Sciences** Vol. 78 pp. 147-157.
9. **Gautam Ganguly, Kaushik Sarkar, Radhanath Mukhopadhyay. 2009.** In vitro study on gametophyte development of an epiphytic fern, *Arthromeris himalayensis* (Hook.) Ching, of South Sikkim, India. **American Fern Journal** Vol. 99 (3) pp. 217-225.
10. **Gautam Ganguly, Kaushik Sarkar, Subhrakanti Mukherjee, Alope Bhattacharjee, Radhanath Mukhopadhyay. 2011.** Phytochemistry and antimicrobial activity of crude extracts and extracted phenols from an

epiphytic fern *Arthromeris himalayensis* (Hook.) Ching. **Bioresearch Bulletin**. Pp. 311-315.

11. **Gautam Ganguly, Radhanath Mukhopadhyay 2012.** Spatial Distribution of Pteridophytes in Grid Cells in Southern Sikkim: A Conservational Approach. **Proceedings of the National Academy of Sciences, India Section B: Biological Sciences**. Vol. 82 pp. 431-440. Springer-Verlag.
12. **Gautam Ganguly, Radhanath Mukhopadhyay 2012.** Impact of human interference on pteridophyte diversity in Sikkim, India. **Bionature**. Vol. 32(2): 27-35.
13. **Gautam Ganguly, Brij Kumar Tiwary, Radhanath Mukhopadhyay 2013.** Phytochemical analysis and antibacterial activity of crude extracts and extracted phenols from a litho-epiphytic fern *Arthromeris wallichiana* (Spreng.) Ching. **Bionature** pp. 1-7.
14. **Gautam Ganguly 2013.** Carnivorous plants : Some aspects. **Petals**. Vol. 1: 8-13.
15. **Brij Kumar Tiwary, Gautam Ganguly 2016.** Phytochemical contents and antimicrobial effects of ethnomedicinal plant *Adiantum incisum* Forsk. **Bionature** pp. 47-52.
16. **Gautam Ganguly 2017.** Gametophyte Development of *Arthromeris Mairei* (Brause) Ching Of South Sikkim, India. **Bionature** Vol. 37(2) pp. 79-85.
17. **Gautam Ganguly 2019.** Phytochemistry and Antibacterial Activity of Crude Extracts and Extracted Phenols of *Selaginella bisulcata* Spring. **International Journal of Basic and Applied Sciences**. Vol. 4 pp. 76-
18. **Gautam Ganguly 2019.** A Review on Reproductive Strategies in Ferns. **International Journal of Basic and Applied Sciences**. Vol. 4 pp. 59-

Performed as Evaluator:

Name of the Event	Year /Date	Organizing Institution	Position /Function
25 th National Children Science Congress (District Level, Hooghly District)	2017 (08.09.2017)	Chandannagar Kanailal Vidyamandir (French Section)	Evaluating the Projects presented and submitted by the Child Scientists.
26 th National Children Science Congress (District Level, Hooghly District)	2018 (05.10.2018)	Chandannagar Kanailal Vidyamandir (French Section)	Evaluating the Projects presented and submitted by the Child Scientists.
27 th National Children Science Congress (District Level, Hooghly District)	2019 (12.09.2019)	Adhyapak Jyotish Chandra Ghosh Balika Vidyalaya, Chinsurah	Evaluating the Projects presented and submitted by the Child Scientists.
30 th National Children Science Congress (District Level, Hooghly District)	2022 (22.09.2019)	Chinsurah Duff High School	Evaluating the Projects presented and submitted by the Child Scientists.
31 st National Children Science Congress (District	2023 (22.09.2023)	Chandannagar Kanailal Vidyamandir	Evaluating the Projects presented and submitted by

Level, Hooghly District)		(French Section)	the Child Scientists.
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Invited Lectures:

Lecture Topic	Venue	Date
An Invited Lecture on Biodiversity and Conservation of Natural Resources	PG Department of Geography, Chandernagore College	02.12.2015
An Invited Lecture on Plant System Biology	PG Department of Geography, Chandernagore College	27.01.2017
An invited Lecture on Origin of bifacial cambium and phanerogamic mode of reproduction in the development of higher forest canopy	PG Department of Geography, Chandernagore College	01.12.2017
An invited Lecture on Origin of bifacial cambium and phanerogamic mode of reproduction in the development of higher forest canopy	PG Department of Geography, Chandernagore College	24.01.2019
An invited Lecture on Centering plant Physiology and Systematics: Reconciling Anthropocene and the Earth	Department of Botany, Dr. Bhupendranath Dutta Smriti Mahavidyalaya	09.09.2020

Administrative Experiences:

Description of the Job	Institution	Time period
Member, IQAC	Chandernagore College	30.06.2016 – 21.08.2018
IQAC Co-ordinator	Chandernagore College	22.08.2018 – 30.06.2022
Nodal Officer RUSA-2.0 Project	Chandernagore College	01.07.2018 -06.01.2025
Convenor, UGC Committee	Chandernagore College	01.10.2012-21.08.2018
NAAC Co-Ordinator	Chandernagore College	01.07.2022-30.06.2024
Member, CAS Committee	Chandernagore College	01.07.2022 – 06.01.2025

Seminar/Conference Attended:

Name of the programme	Organizer	Topic delivered	Date of the Event
National Seminar on Pteridophytes- The Vanishing Plants	Department of Botany Punjab University	New Record of <i>Hypolepis alpina</i> from Sikkim	25.11.2002- 26.11.2002
Seminar on Remote Sensing-An Integrated Approach towards Environmental Conservation	Indian Society of Remote Sensing (ISRS) -Kolkata Chapter	Study of Distribution pattern of pteridophytes by using Remote sensing technology	12.03.2003 - 13.03.2003

National Conference on Plants, Microbes and Environment: Issues and Challenges	Department of Botany, The University of Burdwan	Invitro study on Gametophyte Development of <i>Hypolepis alpina</i> (Bl.) Hook.	20.03.2004-21.03.2004
ICPEP-3, Third international conference on Plants & Environmental Pollution	International Society of Environmental Botanist & NBRI, Lucknow	Effect of pollution on the pteridophyte diversity of south Sikkim	28.11.2005-02.12.2005
National Seminar on Medicinal Plants: Aspects and Prospects	UGC-CAS Department of Botany, The University of Burdwan	Vertical Distribution of epiphytic species of pteridophytes of south Sikkim	15.03.2008-16.03.2008
International Symposium on Perspectives in Pteridophytes	Indian Fern Society & NBRI, Lucknow	Spatial distribution of pteridophytes of south Sikkim	27.11.2008-29.11.2008
UGC Sponsored National Seminar on Exploration of Biological Resources and Application of Eco-friendly Cultural Practices for Sustainable Crop Production	Siliguri College & Siliguri Horticultural Society	Reproductive Biology of Pteridophytes.	21.02.2009-22.02.2009
Golden Jubille Symposium on Recent Trends in Contemporary Plant and Microbial Sciences	UGC-CAS Department of Botany, The University of Burdwan	Effect of Tourist activity on the pteridophyte diversity of south Sikkim, India	19.03.2009-20.03.2009
International Symposium on Ferns and Fern Allies: Diversity, Bioprospection and Conservation	IHBT, CSIR-Palampur-HP & Indian Fern Society	Invitro study on Gametophyte development of <i>Arthromeris wallichiana</i>	10.11.2010-12.11.2010
UGC Sponsored National Seminar on Essence of Medicinal Plants, Its conservation and Sustainable Exploitation	Vivekananda Mahavidyalaya & Raja Rammohan Roy Mahavidyalaya	Invitro study on gametophyte development of <i>Arthromeris himalayensis</i>	09.12.2011
State level seminar on Values of Field studies in building Biodiversity Perception: Teaching Beyond Class Room	Dept. of Higher Education, Govt of WB and Department of Zoology, Chandernagore College	Field study and Botanical Science: An approach	13.09.2014
International Seminar on The	Vivekananda Mahavidyalaya,	Gametophyte development pattern and	15.02.2014-17.02.2014

progress & Prospect of 21 st Century Research in Advance Life Sciences	Hooghly	morphology: Taxonomic approach	
UGC Sponsored National Seminar on Plants, The natural wonder: issues and concern	Department of Botany, Sonamukhi College and Bankura Christian College	Occurrence of some rare pteridophytes from Bankura, West Bengal	04.12.2016-05.12.2016
National Seminar on Plants and microbial resources: Utilization and Conservation	Department of Botany, Visva-Bharati, Santiniketan	Invitro gametophyte development of <i>Athromeris mairei</i> (Brause) Ching	15.03.2017-16.03.2017
International Science Seminar on Science: Past, Present & Future	Syamsundar College and Indian Chemical Society	Studies in the morpho-anatomy of some species of Lepisorous (J.Sm.) Ching of south Sikkim	12.12.2017
WB Biodiversity Board Sponsored National Seminar on Local Biodiversity	Raja Rammouhan Roy Mahavidyalaya	Azolla as Biofertilizer: Prospects	30.01.2018
National Seminar on Sustainable Utilization of Plants and microbes	Department of Botany, Visva-Bharati, Santiniketan	A comparative account on biochemical features of Selaginella Pal.Beauv.	28.03.2019
International Seminar on Sedentary Lifestyle, Food Habit and Health Hazards: Challenges of the 21 st Century	Chandernagore College & West Bengal Govt. School Teachers' Association & TRIPLICE	Golden Rice: Weapon for Vitamin A Deficiency	08.05.2022

Research Experience:

Designation	Time Period	Institution	Funding Agency
Junior Research Fellow	25.09.2002-31.03.2003	Department of Botany, The University of Burdwan	Government of West Bengal
Junior Research Fellow	01.04.2003-31.03.2005	Department of Botany, The University of Burdwan	Council of Scientific and Industrial Research, Government of India
Senior Research Fellow	01.04.2005-31.03.2008	Department of Botany, The University of Burdwan	Council of Scientific and Industrial Research, Government of India
Research Associate	01.04.2008-30.11.2008	Department of Botany, The University of Burdwan	Council of Scientific and Industrial Research, Government of India
Assistant Professor in WBES	01.12.2008-30.11.2020	Department of Botany, Chandernagore College, Government of west	NA

		Bengal	
Associate Professor in WBES	01.12.2020-06.01.2025	Department of Botany, Chandernagore College, Government of west Bengal	NA
Associate Professor in WBES	08.12.2025 – Till date	PG Department of Botany, Darjeeling Government College, Government of West Bengal	NA

Research Projects Completed:

Name of the Project	Sponsoring Agency	Time Period	Amount Sanctioned
Principal Investigator in Minor Research Project on “Reproductive Biology of some Endangered Epiphytic Pteridophytes of South Sikkim and Its Conservation Strategies”	University Grants Commission	03.11.2009 – 02.11.2011	Rs. 87,000/-
Co-Investigator in Minor Research Project on “Antibacterial and Antifungal activity of some Ethno-medicinal epiphytic pteridophytes of Sikkim	University Grants Commission	13.12.2010 – 12.12.2012	Rs. 1,07,000/-

Faculty Development Programmes attended:

Name of the Course/ Programme	Sponsoring Agency	Institute	Time Period
80 th Orientation Programme	University Grants Commission	Academic Staff College, The University of Burdwan	14.05.2011 – 10.06.2011
4 th Refresher Course in Life Science	University Grants Commission	Academic Staff College, The University of Burdwan	03.11.2012 – 23.11.2012
1 st Refresher Course in Biological Science	University Grants Commission	Academic Staff College, The University of Burdwan	10.10.2014 – 30.10.2014
Refresher Course in Environment and Sustainability	University Grants Commission	Human Resource Development Centre, The University of Burdwan	03.01.2020 – 16.01.2020

Workshops Attended:

Name of the Programme	Duration	Time Period	Organizing Institute
Workshop on Quantitative Techniques for Research Workers	01 Day	26.08.2006	Department of Statistics, The University of Burdwan with Indian Association for Productivity Quality and Reliability
Workshop on Preservation Methods along with the Practical Techniques in Botany	05 Days	03.03.2014 – 07.03.2014	Department of Botany, The University of Burdwan and Botanical Survey of India and Department of Science and Technology, Govt. of West Bengal
UGC Sponsored National Workshop on Aspects and Prospects of Biofertilizer and Biomanure	02 Days	5.12.2014 – 06.12.2014	Raja Rammohun Roy Mahavidyalay, Hooghly, WB with Vivekananda, Institute of Biotechnology, Nimpith, South 24 Parganas, WB
Workshop for Orientation / Awareness programme on NAAC accreditation	01 Day	25.08.2015	West Bengal State Council of Higher Education in collaboration with Burdwan University
Workshop on Plant Systematics: Challenges and Perspectives and Dr. Dan H. Nicolson Memorial Lectures	11 Days	13.02.2017 – 23.02.2017	Department of Botany, University of Calcutta
Workshop on NAAC	01 Day	04.05.2018	Ramkrishna Mission Vidyamandira with Department of Higher Education, Government of west Bengal
One Day Mentorship Workshop Programme on DBT-Star College Scheme	01 Day	29.11.2022	Lady Brabourne College, Kolkata1
Workshop on NAAC Accreditation & Filling up AQAR (New manual): A Quality Dimension	01Day	09.02.2023	Ramkrishna Mission Vidyamandira