

BIOGRAPHY OF DR. SUBHASIS PANDA (WBSES, M.Sc., Ph.D., FIAT, FEHT)

Dr. Subhasis Panda joined as the Principal at Government General Degree College, Singur, Hooghly, affiliated to the University of Burdwan on 10th September 2025. Previously Dr. Panda served as the principal at Govt General Degree College Chapra (affiliated to the University of Kalyani) since 19th February 2021 till 9th September 2025. He also served as an Associate Professor of Botany in the Laboratory of Angiosperm Taxonomy & Biodiversity Conservation, Botany Department, Maulana Azad College, University of Calcutta, Post Graduate Department of Botany, Darjeeling Govt College affiliated to North Bengal University, Post Graduate Dept of Botany, Barasat Govt College affiliated to West Bengal State University and Bankura Christian College affiliated to University of Burdwan.

He is a trained Plant Taxonomist from International Premire Plant Taxonomy Research Institute, Central National Herbarium, Botanical Survey of India, A.J.C. Bose Indian Botanic Garden, Howrah [1999-2003]. He earned Ph.D. on “*Taxonomic Revision of some selected Genera of Ericaceae (Rhododendron Family) in India*” under the supervision of Dr. M. Sanjappa, Former Director of BSI & INSA Honorary Fellow. He travelled remote areas of Eastern Himalaya and NE India incl. Mt. Saramati of India-Myanmar border and Jachhep La of India-China-Myanmar border during his Research time and discovered 14 new plants to science and 10 new records for India.

For his work on Indian Floristics & Biodiversity, He had been conferred “*K. S. Manilal National Award in Angiosperm Taxonomy*” in 2007 by Indian Association for Angiosperm Taxonomy (IAAT), Calicut University, Kerala. **He is expertising in Angiosperm Taxonomy, Biosystematics, Environmental Studies, Molecular Systematics, Field Ecology, Ethnobotany & Bioprospection, Biodiversity & Conservation, Herbal Medicine and Rhododendron Floral visitors.** He published 71 Research Papers in National and International Journals of repute, 3 Books and 29 Book Chapters including one *Taxonomic Revisionary work on Indian Ericaceae* Fascicle no 25 which was released by Former Environment Minister, Sri Prakash Javdekar at New Delhi during Global Biodiversity Meeting in 2014.

Currently he completed DST & BT, Govt. of West Bengal Sponsored major research project on “*Diversity, Altitudinal variation, Quantitative Ethnobotany and Flower visitors of the genus Rhododendron L. in West Bengal*”. He also completed 5 National level Projects. He has direct or indirect research linking with Central National Herbarium, India, Erfurt Naturkunde Museum, Germany, Cornell University (till January 2015), USA, Havard University, USA, Kunming

Institute, China, Jadavpur University (Pharmacy Deptt.), Tripura Central University (Pharmacy Dept), Mizoram University (Forestry Deptt.), Indian Institute of Remote Sensing, Dehra Dun, North Bengal University (Botany Dept) and Pune University (Botany Dept). He also **visited Erfurt Naturkunde Museum in Germany in 2017 on invitation** and presented Lead lecture on “Eastern Himalayan Biodiversity”. INSA nominated him to train Mahammad Premire University at Oujda in Morocco for one month Programme in 2014 under “INSA Bilateral Exchange Programme”.

Recently, he is honoured as the Registered Reviewer of International Peer Reviewed Scopus-Indexed Journal, PHYTOTAXA, New Zealand. He also Reviewer of other Scopus-indexed Elsevier Journals like “Flora”, “Ecological Indicators”, “Trees, Forests and People”, “Journal of Asia-Pacific Biodiversity”, “Journal of Herbal Medicine”, Indian Scopus-Indexed Journals such as “Indian Journal of Traditional Knowledge”, “Journal of Threatened Taxa” and many more.

He is also an active member of Peoples’ Biodiversity Register Committee under West Bengal Biodiversity Board, constituted by National Biodiversity Authority of India, Chennai since October, 2020. He documented and prepared Peoples’ Biodiversity Register (PBR) of India’s two oldest Municipalities, viz., Darjeeling Municipality (32 Wards) and Kolkata Municipality (Ward nos. 52, 53, 61).

DR. SUBHASIS PANDA (M.Sc., Ph.D. FIAT, FEHT)

Principal

West Bengal Senior Education Service

Government General Degree College, Singur

Formerly Principal, Govt General Degree College Chapra (Univ of Kalyani),

In Angiosperm Taxonomy & Biodiversity Conservation laboratory

Botany Department, Maulana Azad College (University of Calcutta)

Formerly in Darjeeling Govt College, Barasat Govt College & Bankura Christian College

Formerly, Research Fellow, Botanical Survey of India (1999-2004)

(K.S.Manilal National Awardee in Angiosperm Taxonomy)

Visited Germany in 2017 on invitation lecture

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Ongoing Works

1. Local Biodiversity Hotspots in Nadia District.
2. Traditional Knowledge of Nadia District.
3. Ethnomedicinal plants and their uses by the local people of Chapra in Nadia District.
4. Alubari Jungle Busty Rock Valley: A Treasure Trove of Biodiversity in Darjeeling Himalaya.
5. Unravelling Ethnobotany of Apatani (Abo-Tani) valley, Lower Subansiri District of Arunachal Pradesh.
6. Vanishing *Gaultheria* in Eastern Himalaya, India.
7. Vanishing Angiosperms are surviving in Pockets in Saltlake City
8. Talle Valley in Lower Subansiri District in Arunachal Pradesh: A Treasure Trove of Ericaceous Plants.

**RESEARCH PAPERS PUBLISHED: 71
(INTERNATIONAL: 27; NATIONAL: 44)**

**[Dr. Subhasis Panda, Principal, Government General Degree College, Chapra, Nadia
affiliated to University of Kalyani]**

SOME SCOPUS-INDEXED & UGC-CARE-LISTED PAPERS

1. **Panda, S.**, Elachouri, M., Som, D.K., Mahanty, D.S. and Roy, P. 2024 (March issue). Notes on some potential new and noteworthy first hand ethnomedicinal herbal drug dosimetry interviewed with the Gorkha Nepalese of Darjeeling Hills (India). *Indian Journal of Traditional Knowledge* 23(3): 279-290. ISSN NO. 0975-1068. DOI. 10.56042/ijtk.v23i3.741
UGC CARE Listed Gr-I Journal indexed in SCOPUS. H-index: 42. IF: 0.7 (JCR 2024). Published from NISCAIR, New Delhi.
2. Panda, S. 2023 (May-August issue). Occurrence of *Rhododendron arboreum* Sm. subsp. *delavayi* (Franch.) D.F. Chamb. var. *delavayi* (Family: Ericaceae) in Darjeeling Hills, West Bengal, **India**. *Journal of the Bombay Natural History Society* vol. 120 (2): 228-229. First published online: May-August, 2023 | doi: 10.17087/jbnhs/2023/v120/168799.
Indexed in SCOPUS & WOS; SJR IF: 0.13 (2022); H-index = 7. Included in UGC listed Journal No. 10928. UGC CARE Listed Journal (2020).
3. Sarkar, K., Roy, P., **Panda, S.**, Choudhury, C. and Choudhury, M. 2023. Ethnomedicinal study on plant resources from sacred Groves of Dakshin Dinajpur district, West Bengal, India. *Ethnobotany Research & Application* 25 (32): 1-35.
Indexed in SCOPUS & WOS; SJR IF: 0.268 (2022); H-index = 29. UGC CARE Listed Journal. ISSN No. 1547-3465
4. Panda, S. 2022 (31st March). Floral Visitation of a Passerine *Yuhina gularis* Hodgson on *Enkianthus deflexus* (Griff.) C.K. Schneid. (Family Ericaceae): First Global record from the outskirts of Singalila National Park in Darjeeling Himalaya, India. *Journal of the Bombay Natural History Society* vol. 119 (1): 66-67. First Published 31st March 2022| doi:

Indexed in SCOPUS & WOS; SJR IF: 0.11 (2018); H-index = 5. Included in UGC listed Journal No. **10928**. **UGC CARE Listed Journal (2020).**

5. **Panda, S.** and Thami, JK. 2022 (January). An Ethnomedicinal Field Survey Report on traditionally used plants by the Nepalese of Alubari Jungle Busty in darjeeling Himalaya as potential immunity booster and fever-related herbal drugs. *Indian Journal of Traditional Knowledge* 21(1): 157-167. ISSN NO. 0975-1068

UGC CARE Listed Gr-I Journal indexed in SCOPUS. H-index: 33. IF: 0.757 (JCR 2020). Published from NISCAIR, New Delhi.

6. **Panda, S.,** Roy, P. and Som, D. 2022 (31st January). A study on the vegetative and flowering phenology of including insect visitors of *Rhododendron arboreum* Sm. (Ericaceae) in Darjeeling Himalaya (India)-Phase-I. *Indian Journal of Applied and Pure Biology* 37(1): 135-149. ISSN No. 0970-2091.

Included in UGC Listed Journals No. 15538 till June, 2019. Indexed in Web of Science Journal & Zoological Abstract. **UGC CARE LISTED Refereed Journal.**

7. **Panda, S. 2021 (31st July).** Uncommon flowering in *Rhododendron cinnabarinum* Hook. f. subsp. *cinnabarinum* (Ericaceae: Ericoideae) observed in Darjeeling Himalaya, India. *Indian Journal of Applied and Pure Biology* 36(2): 433-438. ISSN No. 0970-2091.

Included in UGC Listed Journals No. 15538 till June, 2019. Indexed in Web of Science Journal & Zoological Abstract. **UGC CARE LISTED Refereed Journal.**

8. **Panda, S. 2021 (31st July).** A plea for 'Outside protected-Area conservation' of the Himalayan Mayapple (*Sinopodophyllum hexandrum* (Royle) T.S. Ying) in the wild — A Threatened Red Listed Anti-cancerous medicinal plant Rarely Revisited in East Sikkim (India). *Indian Journal of Applied and Pure Biology* 36(2): 455-459. ISSN No. 0970-2091.

Included in UGC Listed Journals No. 15538 till June, 2019. Indexed in Web of Science Journal & Zoological Abstract. **UGC CARE LISTED Refereed Journal.**

9. **Panda, S. 2021 (26th June).** Recollection, extended distribution and amplified description of *Vaccinium paucicrenatum* Sleumer (Ericaceae) from the Arunachal Himalaya in India. *Journal of Threatened Taxa* 13 (7): 18925-18932. ISSN NO. 0974-7907.

[Included in UGC Listed Journal No. **11398**. Peer reviewed & Refereed *International Journal of Conservation & Taxonomy from India* Journal. NAAS Rating: 4.72. SCOPUS. H-index=5. IF=0.25(SJR), **Indexed in** Bibliography of Systematic Mycology, Biological Abstracts, BIOSIS Preview, CAB Abstracts, EBSCO, Google Scholar, Scopus, Stanford University Libraries, Virtual Library of Biology, Zoological Records]. **UGC CARE Listed Journal.**

10. **Panda, S.** 2021 (March). Morphological variation in *Enkianthus deflexus* (Griff.) C. K. Schneid.: Leaf Anatomy and Pollen Morphology. *Bioinfolet* 18 (1B): 114-125.

[Indexed in Zoological Records, Indian Science Abstract, Medicinal & Aromatic Plants Abstracts, Applied Botany Abstracts, IPNI, Google Scholar. **UGC CARE Listed Journal of Life Science.** ISSN NO. 0973-1431; 0976-4755]

11. **Panda, S.,** Majumder, T. and Mahanty, D. S. 2021. Exomorphological variation in *Gaultheria fragrantissima* Wall. (Ericaceae: Vaccinioideae): A Micromorphological solution from Leaf stomata and pollen morphology. *Indian Journal of Applied and Pure Biology* 36(1): 167-179. ISSN No. 0970-2091.

Included in UGC Listed Journals No. 15538 till June, 2019. Indexed in Web of Science Journal & Zoological Abstract. **UGC CARE LISTED Refereed Journal.**

Link: <https://biology-journal.org/journal/volume36/issue71/ijapb36-1-19.html>

12. **Panda, S. 2021** (pub on 21st June 2021). The central American Tiger Lily, an invasive plant in and around Jalapahar-Cantonment Forest of Darjeeling Himalaya, India. *Zoo's Print Plantasia* 36 (6): 24-27.

Indexed in SCOPUS; H-index = 15. UGC CARE LISTED in 2020. IF=0.24 (SJR). Published by Zoo Outreach Organization, Coimbatore, Tamil Nadu (India). ISSN No. 0971-6378 (Print); 0973-2543 (online).

13. **Panda, S.** and Mao, A. A. 2021 (30th June 2021 online). Recollection of *Craibiodendron Henryi* W. W. Sm. (Ericaceae: Vaccinioideae), A Potential Ethnomedicinal Plant from Arunachal Pradesh after Seven Decades. *Journal of the Bombay Natural History Society* vol. 118: 263-265. First published: June 30, 2021 | doi: 10.17087/jbnhs/2021/v118/153643.

Indexed in SCOPUS & WOS; SJR IF: 0.11 (2018); H-index = 5. Included in UGC listed Journal No. **10928**. UGC CARE Listed Journal (2020).

14. **Panda, S. 2020 (published online on 30th June, 2020).** *Gaultheria Akaensis* Panda & Sanjappa (Ericaceae: Vaccinioideae) - A Critically Endangered, Endemic and Ethnomedicinal Plant From Indian Eastern Himalaya On The Verge Of Extinction. *Journal of the Bombay Natural History Society* vol. 117:178-180. First published: June 30, 2020 | doi: 10.17087/jbnhs/2020/v117/141313.

Indexed in SCOPUS & WOS; SJR IF: 0.11 (2018); H-index = 5. Included in UGC listed Journal No. **10928**. UGC CARE Listed Journal (2020).

15. **Panda, S. 2020.** *Agapetes smithiana* Sleumer var. *smithiana* ----A Threatened plant on the verge of extinction. *Zoo's Print* 35 (10): 9-11.

Indexed in SCOPUS; H-index = 15. UGC CARE LISTED in 2020. IF=0.24 (SJR). Published by Zoo Outreach Organization, Coimbatore, Tamil Nadu (India). ISSN No.0971-6378 (Print); 0973-2543 (online).

16. **Panda, S.** 2019. Taxonomical Identification and Amplified Description of Three Commonly Used Threatened Ethnomedicinal Species of *Abutilon* Mill. (Malvaceae) from India: An Exomorphological Analysis. *World Scientific News* 115: 41-51. EISSN 2392-2192. Scientific Publishing House, Poland. Multidisciplinary Journal.

[World Scientific News (WSN) – is an open-access fully peer-reviewed scholarly journal. UGC Journal Sr No. 62921 (it was valid till 13th June 2019 until Care list published). H-index = 21; indexed in Index Copernicus International (IC value = 98.95), Publon Web of Science, PubMed, Zoo Bank, World Cat, Google Scholar, Polish Scientific Journal database].

17. **Panda, S.**, Pati, C.K., Bhattacharjee A. and Samanta S. 2019. Technique for the retention of leaf senescence of six ericoid wild plant taxa using ascorbic acid. *World Scientific News* 115: 128-137. EISSN 2392-2192. Scientific Publishing House, Poland. Multidisciplinary Journal.

[World Scientific News (WSN) – is an open-access fully peer-reviewed scholarly journal. UGC Journal Sr No. 62921 (it was valid till 13th June 2019 until Care list published). H-index = 21; indexed in Index Copernicus International (IC value = 98.95), Publon Web of Science, PubMed, Zoo Bank, World Cat, Google Scholar, Polish Scientific Journal database].

18. Pati, C.K., Bhattacharjee, A., Roy, P., Mahanty, D.S. and **Panda, S.** (Corresponding author). 2018 (December). Chemical-induced seed germination and enhancement of seed potential of seven wild plant taxa of Ericaceae in India. *World Scientific News* 114: 249-255. EISSN 2392-2192. Scientific Publishing House, Poland. Multidisciplinary Journal.

[World Scientific News (WSN) – is an open-access fully peer-reviewed scholarly journal. UGC Journal Sr No. 62921 (it was valid till 13th June 2019 until Care list published). H-index = 21; indexed in Index Copernicus International (IC value = 98.95), Publon Web of Science, PubMed, Zoo Bank, World Cat, Google Scholar, Polish Scientific Journal database].

19. Roy P., Mandal P., **Panda, S.**, Roy S.M. and Subba A. 2018. Pharmacognosy and Phytochemical Screening of some plant derived medicine to treat Dysmenorrheal pain by the Rajbanshi Community. *Pharmacogn J.* 10(4): 738-746. UGC Listed J No. 29277.

Pharmacognosy Journal: Indexed and Abstracted in: SCOPUS, Scimago Journal Ranking, EMBASE, Google Scholar, Index Copernicus etc. IF = SJR (0.45. H-index=14.) UGC CARE Listed Journal (2020)

20. P. P. Maiti, L.K. Bhardwaj, N. Agrawal, **S. Panda**, B. De and S.C. Mandal. 2018. Histological evaluation of *Calotropis gigantea* (L.) Bl.—leaf, Root & stem. *Journal of Medicinal Plants Studies* 6(4): 110-116. ISSN No. 2394-0540 & 2320-3862.

Indexed in ICI, Google Scholar, Indian Science, PubsHub, Indian Science Index etc. NAAS rating=3.53.

21. Watthana, S., **Panda, S.**, Srisanga, P., Fujikawa, K and Unwin R. 2017. *Vaccinium lamellatum* P.F. Stevens (Ericaceae), a new addition to Flora of Myanmar. *Thai Journal of Botany* 9(2): 107-109. ISSN No. 1906-7038. IF = 0.163.

[Published by the Botanical Society under the Royal Patronage of her majesty the Queen and The Botanical Garden Organization, Thailand. Published in January, 2018. **[Watthana (2017) discovered *Vaccinium lamellatum* from Myanmar as wrongly identified species, whereas I correctly identified it and so published by all members incl me]**

22. **Panda, S.** 2017. Sacred Grove of Devi Satkanya at Lebung in Darjeeling Himalaya (India): A Traditional Way of Biodiversity Conservation since Time Immemorial. *World Scientific News* 90: 51-61. eISSN No. 2392-2192. Scientific Publishing House, Poland. Multidisciplinary Journal.

[World Scientific News (WSN) – is an open-access fully peer-reviewed scholarly journal. UGC Journal Sr No. 62921 (it was valid till 13th June 2019 until Care list published). H-index = 21; indexed in Index Copernicus International (IC value = 98.95), Publon Web of Science, PubMed, Zoo Bank, World Cat, Google Scholar, Polish Scientific Journal database].

23. Roy, P., Mandal, P. and **Panda, S.** (corresponding Author) 2017. An Ethnomedinal Survey with the Rajbanshi community of Terai and Duars region in West Bengal part of India for the treatment of primary Dysmenorrhea. *World Scientific News* 90: 243-250. eISSN No. 2392-2192. Scientific Publishing House, Poland. Multidisciplinary Journal.

[World Scientific News (WSN) – is an open-access fully peer-reviewed scholarly journal. UGC Journal Sr No. 62921 (it was valid till 13th June 2019 until Care list published). H-index = 21; indexed in Index Copernicus International (IC value = 98.95), Publon Web of Science, PubMed, Zoo Bank, World Cat, Google Scholar, Polish Scientific Journal database].

24. Maiti, P.P., Ghosh, N., Kundu, A., **Panda, S.**, De, B. and Mandal, S.C. 2017. Evaluation of anti-inflammatory and antinociceptive activity of methanol extract of *Calotropis gigantea* root. *International J. Green Pharmacy* 11 (3): 198-205.

[UGC Journal no. 22851; UGC Sr No. 10819. IF: SJR (0.14). H Index = 18. The journal is indexed with Abstracts on SCOPUS, Web of Science, ProQuest, CAB Abstracts, DOAJ, EMBASE, Google Scholar, Index Copernicus, SCOLOAR etc.] UGC CARE Listed Journal-2020]

25. Roy, P, **Panda, S.** and Mandal P. 2016. Traditional Healing Practices by some polyherbal Formulations of Rajbanshi Community. *Journal of Chemical & Pharmaceutical Research* 8(10): 146-150. ISSN No. 0975-7384. SCOPUS Indexed.

[**Journal of Chemical & Pharmaceutical Research**. Included in UGC Listed Journal No.44986. IF: **SJR 0.12, H index-21. UGC CARE Listed Journal (2020)**]

26. **Panda, S.** & Kirtania, I. 2016 (June Issue). Variation in *Rhododendron arboreum* Sm. complex (Ericaceae): Insights from exomorphology, leaf anatomy and pollen morphology. *Modern Phytomorphology* 9: 27-49. ISSN 2226-3063 (eISSN 2227-9555). Index Copernicus Journals Master List 2016: 99.39 points, h5-index: 6, h5-median: 6

[A Refereed Journal from State Natural History Museum NAS of Ukraine, Included in UGC Listed Journal Sr. no. 1816 & J. No.43327. Indexed/abstracted in Emerging Sources Citation Index, algaeBASE, CABI, CNKIScholar, CORE, DOAJ, EBSCO, Ejournal, EZB, Genamics JournalSeek, Google Scholar, Index Copernicus, IPNI, WorldCat, WorldWideScience. UGC CARE Listed Journal-2020]

27. **Panda, S.**, Roy, P & Mahanty, DS. 2016. Inventorization and Documentation of Herbal Black Salt Preparation by the Apatanese (Abo-Tani) of Apatani Valley in Lower Subansiri District of Arunachal Pradesh (India) using 'Gonde Unio' plant (*Ambrosia artemisiifolia* L.—Asteraceae). *World Scientific News* 47 (2): 254-266. eISSN no. 2392-2192 (A Refereed multidisciplinary Indexed Journal from Poland, Scientific Publishing House, Poland).

[World Scientific News (WSN) – is an open-access fully peer-reviewed scholarly journal. UGC Journal Sr No. 62921 (it was valid till 13th June 2019 until Care list published). H-index = 21; indexed in Index Copernicus International (IC value = 98.95), Publon Web of Science, PubMed, Zoo Bank, World Cat, Google Scholar, Polish Scientific Journal database].

28. **Panda, S.** 2016. Notes on the correct identity of *Swertia dilatata* C. B. Clarke (Gentianaceae): An exomorphological analysis. *World Scientific News* 45 (2): 331-334. eISSN no. 2392-2192 (A Refereed multidisciplinary Indexed Journal from Poland).

[World Scientific News (WSN) – is an open-access fully peer-reviewed scholarly journal. UGC Journal Sr No. 62921 (it was valid till 13th June 2019 until Care list published). H-index = 21; indexed in Index Copernicus International (IC value = 98.95), Publon Web of Science, PubMed, Zoo Bank, World Cat, Google Scholar, Polish Scientific Journal database].

29. P.R. Kshirsagar, N.B. Gaikwad, **S. Panda**, H.V. Hegde & S.R. Pai. 2016. Reverse Phase-ultra Flow Liquid Chromatography-diode Array Detector Quantification of Anticancerous and antidiabetic Drug Mangiferin from 11 species of *Swertia* from India. *Pharmacognosy Mag.* 12 (45): S32-S36.

Peer Reviewed Indexed Journal. ISSN No. 0973-1296. **UGC CARE Listed Journal (2020)** [**Pharmacognosy Magazine (Phcog Mag)** Indexed in SCOPUS. Included in UGC Listed Journal no. **30570**. IF: 0.831 (Thomson Reuter). H index=19].

30. Mandal S.C., Maiti, P.P., Das, A.K., Mandal, V. and **Panda, S.** 2014. Pharmacological potentialities of *Trichosanthes dioica* Roxb. (Cucurbitaceae): An overview. *International Journal of Pharmacognosy* 1(7): 422-428.

[Peer Reviewed & Refereed Journal. Cosmos IF: 4.6 Doi: 10.13040/IJPSR.0975-8232. Included in UGC Listed Journal Sr. no. **17374 till June 2018.**]

31. **Panda, S.** 2014. Variation in *Hedyotis corymbosa* complex (Rubiaceae) in India: Study of exomorphology, leaf anatomy, seed surface and pollen morphology. *PHYTODIVERSITY* 1(1&2): 59-70. ISSN No. 2349-7068 (Refereed International Journal).

32. S. Pathak and **S. Panda**, 2013. Micro-morphological and anatomical studies on *Leucothoe griffithiana* (Ericaceae) in India. *NeBIO* 4 (4): 9-12. (August Issue). eISSN 2278-2281; ISSN 0976-3597.

[Indexed in Zoological Abstracts Master Journal List. **UGC CARE LISTED PEER REVIEWED JOURNAL**].

33. Panda, S. 2013. Final Plea for conservation of *Gaultheria akaensis* Panda and Sanjappa (Ericaceae), an extremely Threatened, Endemic Medicinal plant from Aka Hill in Arunachal Pradesh of Eastern Himalaya, India. *Journal of Threatened Taxa* 5(7): 4118-4121. ISSN 0974-7907 (Online); ISSN 0974-7893 (Print)

[Included in UGC Listed Journal No. **11398**. Peer reviewed & Refereed *International Journal of Conservation & Taxonomy from India* Journal. NAAS Rating: 4.72. SCOPUS. H-index=5. IF=0.25(SJR), **Indexed in** Bibliography of Systematic Mycology, Biological Abstracts, BIOSIS Preview, CAB Abstracts, EBSCO, Google Scholar, Scopus, Stanford University Libraries, Virtual Library of Biology, Zoological Records]. **UGC CARE Listed Journal (2020)**

34. Biswas, R. K., Bhattacharya, A. and Panda, S. 2013. A Taxonomic Documentation of Kishalay Boy's Home Campus at Barasat in District North 24-Parganas, West Bengal. *Indian J. Applied & Pure Biol.* 28 (2): 223-226. ISSN No. 0970-2091. ISSN No. 0970-2091.

Included in UGC Listed Journals No. 15538 till June, 2019. Indexed in Web of Science Journal & Zoological Abstract. **UGC CARE LISTED Cat-II Refereed Journal.**

35. Panda, S. 2012. Checklist of Ericaceae in Tuensang district of Nagaland, India with special reference to Mt. Saramati. *J. Threatened Taxa* 4(15): 3454-3461. ISSN 0974-7907 (Online) | ISSN 0974-7893 (Print)

[Included in UGC Listed Journal No. **11398**. Peer reviewed & Refereed *International Journal of Conservation & Taxonomy from India* Journal. NAAS Rating: 4.72. SCOPUS. H-index=5. IF=0.25(SJR), **Indexed in** Bibliography of Systematic Mycology, Biological Abstracts, BIOSIS Preview, CAB Abstracts, EBSCO, Google Scholar, Scopus, Stanford University Libraries, Virtual Library of Biology, Zoological Records]. **UGC CARE Listed Journal (2020)**.

36. Panda, S. 2012 (December Issue). *Diplarche* Hook.f. & Thomson (Ericaceae)—A new generic Record for Arunachal Himalaya, India. *J. Jap. Bot.* 87(6): 402-404. **ISSN No. 00222062.**

[The Journal of Japanese Botany. An internationally well known INDEXED peer-reviewed and refereed journal. SJR impact factor = 0.04. H Index = 14. Included in UGC J Sr no.30374]. UGC CARE Listed Journal (2020)

37. Panda, S. 2012. *Gaultheria stapfiana* Airy Shaw (Ericaceae), a species to be recognized: insights from morphology, leaf anatomy and pollen morphology. *Phytotaxa* 58: 1-12. SCOPUS Indexed.

[A peer-reviewed open access Botanical taxonomy Journal indexed in SCIE, JCR & BIOSIS. Published from Newzealand, Magnolia Press. (www.mapress.com). **Impact Factor = 1.79**. ISSN No. 1179-3155 (Online); 1179-3163 (Print)]. UGC CARE LISTED CAT-I

38. **Panda, S.**, Reveal, J. L. and Sanjappa, M. 2012. Reduction of *Diplycosia indica* (2009) to *Gaultheria akaensis* (2006) (Ericaceae). *Phytoneuron* 2012-35: 1-7.

A Peer-Reviewed International Digital Publication Taxonomy-related Journal from USA. ISSN No. 2153-733X. Not in UGC CARE LIST.

39. **Panda, S.** and Reveal J. L. 2012. A Step-Two Lectotypification and Epitypification of *Pentapterygium sikkimense* W.W.Sm. (Ericaceae) with an amplified description. *Phytoneuron* 2012-8: 1-7.

A Peer-Reviewed International Digital Publication Taxonomy-related Journal from USA. ISSN No. 2153-733X. Not in UGC CARE LIST.

40. **Panda, S.** and Sanjappa, M. 2012. Checklist of Ericaceae of Talle Wildlife Sanctuary in Lower Subansiri district of Arunachal Pradesh, India. *Journal of Threatened Taxa* 4 (1): 2322-2327. ISSN 0974-7907 (Online); ISSN 0974-7893 (Print)
[Included in UGC Listed Journal No. **11398**. Peer reviewed & Refereed *International Journal of Conservation & Taxonomy from India* Journal. NAAS Rating: 4.72. SCOPUS. H-index=5. IF=0.25(SJR), **Indexed in** Bibliography of Systematic Mycology, Biological Abstracts, BIOSIS Preview, CAB Abstracts, EBSCO, Google Scholar, Scopus, Stanford University Libraries, Virtual Library of Biology, Zoological Records]. **UGC CARE Listed Journal (2020)**.
41. **Panda, S.** and Reveal, J. L. 2011. Lectotypification of three names in *Gaultheria* L. (Ericaceae). *Phytotaxa* 38: 24-28. SCOPUS Indexed. UGC CARE LISTED CAT-I
[A peer-reviewed open access Botanical taxonomy Journal indexed in SCIE, JCR & BIOSIS. Published from Newzealand, Magnolia Press. (www.mapress.com). **Impact Factor = 1.79**. ISSN No. 1179-3155 (Online); 1179-3163 (Print)].
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An internationally well known INDEXED **peer-reviewed and refereed journal (SJR impact factor = 0.04). H Index = 9. ISSN No. 00222062. UGC CARE LISTED CAT-I (since 2019)**.
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PUBLISHER: LAP-LAMBERT, ACADEMIC PUBLISHING, GERMANY. Author: S. Panda

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DATE: 23RD FEBRUARY, 2014. ISBN NO. 978-3-8484-1866-4

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Authors: **S. Panda**, S. C. Mandal, M. Elachouri

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Inside Sacred Groves in Darjeeling District (India): A Survey Report. ISBN NO. 978-3-659-86524-4

Pub. on 9TH APRIL, 2016. Pages—193. PUBLISHER: LAP-LAMBERT, ACADEMIC PUBLISHING, GERMANY

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Chapters in Edited Books, Published by National / International Publishers with ISBN
[Dr. SUBHASIS PANDA, Principal, Govt General Degree College Chapra, University of Kalyani]

Sl. No.	Title of Chapter(s)	Title of the Book(s)	Name of the Publisher with month & Year	Whether National/International Level publishers	ISBN/ ISSN No.	Whether Sole Author or Co-Author
1	Diversity of the genus <i>Lyonia</i> Nuttall, 1818 (Ericaceae: vaccinioideae) in the Eastern Himalayas, India. Pp. 107-122	Biodiversitat und Natursausstattung im Himalaya VIII. [Biodiversity & Natural Heritage of the Himalayas]	Hartmann, Barclay & Weipert, Erfurt Naturkunde Museum, Germany. AUGUST, 2024	International	978-3-00-077785-1	Sole Author
2	A Preliminary Study on the vegetative and flowering phenology including diversity of flower visitors in <i>Rhododendron cinnabarinum</i> Hook. f. subsp. <i>cinnabarinum</i> (Ericaceae Juss.) in and around Singalila National Park of Darjeeling Himalaya (India).	Biodiversitat und Natursausstattung im Himalaya VIII. [Biodiversity & Natural Heritage of the Himalayas]	Hartmann, Barclay & Weipert, Erfurt Naturkunde Museum, Germany. AUGUST, 2024	International	978-3-00-077785-1	Principal Author S. Panda , D. K. Som, D.S. Mahanty & P. Roy
3	<i>Achillea maritima</i> (L.) Ehrend. & Y.P. Guo; <i>Achillea millefolium</i> L.--ASTERACEAE Pp.137	Ethnobotany of Northern Africa & Levant Editors: Rainer W. Bussmann, Mostafa Elachouri & Zaal Kikvidze	SPRINGER NATURE SWITZERLAND AG 2024 Doi: https://doi.org/10.1007/978-3-031-43105-0	INTERNATIONAL, SWITZERLAND	978-3-031-39794-3 978-3-031-43105-0 [eBook]	Co-Author A. Idrissi, Subhasis Panda , D. S. Mahanty, R.W. Bussmann, Mustafa Elachouri
4	<i>Adonis aestivalis</i> L.; <i>Adonis annua</i> L.; <i>Adonis dentata</i> Delile--RANUNCULACEAE Pp.165-170	Ethnobotany of Northern Africa & Levant Editors: Rainer W. Bussmann, Mostafa Elachouri & Zaal Kikvidze	SPRINGER NATURE SWITZERLAND AG 2024 Doi: https://doi.org/10.1007/978-3-031-43105-0_247	INTERNATIONAL, SWITZERLAND	978-3-031-39794-3 978-3-031-43105-0 [eBook]	Co-Author Mohammed Ouasti, Subhasis Panda , D. S. Mahanty, R.W. Bussmann, Mustafa Elachouri
5	<i>Anacyclus clavatus</i> (Desf.)Pers.; <i>Anacyclus monanthos</i> (L.) Thell.; <i>Anacyclus monanthos</i> (L.) Thell. subsp. <i>cyrtolepidioides</i> (Pomel) Humphries; <i>Anacyclus pyrethrum</i> (L.) Lag.; <i>Anacyclus radiatus</i> Loisel.; <i>Anacyclus x valentinus</i> L--- ASTERACEAE Pp. 293-300	Ethnobotany of Northern Africa & Levant Editors: Rainer W. Bussmann, Mostafa Elachouri & Zaal Kikvidze	SPRINGER NATURE SWITZERLAND AG 2024 Doi: https://doi.org/10.1007/978-3-031-43105-0_31	INTERNATIONAL, SWITZERLAND	978-3-031-39794-3 978-3-031-43105-0 [eBook]	Co-Author Imane Ouasti, Mohammed Ouasti, Subhasis Panda , D. S. Mahanty, R.W. Bussmann, Mustafa Elachouri.
6	<i>Brassica fruticulosa</i> Cirillo; <i>Brassica napus</i> L.; <i>Brassica nigra</i> W.D.J. Koch; <i>Brassica oleracea</i> L.; <i>Brassica rapa</i> L.; <i>Coincya tournefortii</i> (Gouan) Alcaraz, T.E. Diaz, Rivas Mart. & Sanchez-Gomez--- BRASSICACEAE Pp. 541-554	Ethnobotany of Northern Africa & Levant Editors: Rainer W. Bussmann, Mostafa Elachouri & Zaal Kikvidze	SPRINGER NATURE SWITZERLAND AG 2024 Doi: https://doi.org/10.1007/978-3-031-43105-0_53	INTERNATIONAL, SWITZERLAND	978-3-031-39794-3 978-3-031-43105-0 [eBook]	Co-Author Soumia Benaicha, Aissa Idrissi, Subhasis Panda , D. S. Mahanty, R.W. Bussmann, Mustafa Elachouri.

7	<i>Calotropis procera</i> (Aiton) W.T. Aiton-----APOCYNACEAE Pp. 593-599.	Ethnobotany of Northern Africa & Levant Editors: Rainer W. Bussmann, Mostafa Elachouri & Zaal Kikvidze	SPRINGER NATURE SWITZERLAND AG 2024 Doi: https://doi.org/10.1007/978-3-031-43105-0_59	INTERNATIONAL, SWITZERLAND	978-3-031-39794-3 978-3-031-43105-0 [eBook]	Co-Author Mostafa Elachouri, Imane Ouasti, Mohammed Ouasti, Subhasis Panda.
8	<i>Suaeda vera</i> Forssk. Ex Gmel.; <i>Suaeda vermiculata</i> Forssk. Ex J.F. Gmel....AMARANTHACEAE Pp. 1973-1979	Ethnobotany of Northern Africa & Levant Editors: Rainer W. Bussmann, Mostafa Elachouri & Zaal Kikvidze	SPRINGER NATURE SWITZERLAND AG 2024 Doi: https://doi.org/10.1007/978-3-031-43105-0_199	INTERNATIONAL, SWITZERLAND	978-3-031-39794-3 978-3-031-43105-0 [eBook]	Co-Author Aissa Idrissi, Subhasis Panda. S. C. Mandal and Mostafa Elachouri.
9	<i>Telephium imperati</i> L.--- MOLLUGINACEAE Pp. 2017-2020	Ethnobotany of Northern Africa & Levant Editors: Rainer W. Bussmann, Mostafa Elachouri & Zaal Kikvidze	SPRINGER NATURE SWITZERLAND AG 2024 Doi: https://doi.org/10.1007/978-3-031-43105-0_204	INTERNATIONAL, SWITZERLAND	978-3-031-39794-3 978-3-031-43105-0 [eBook]	Co-Author Mostafa Elachouri, Aissa Idrissi, Subhasis Panda. S. C. Mandal .
10	Total = 9 CHAPTERS ERICACEAE: <i>Cassiope</i> D. Don [pp. 191-196]; <i>Craibiodendron</i> W.W.Sm [pp. 196-199]; <i>Diplarche</i> Hook. F. & Thomson [pp. 199-203]; <i>Enkianthus</i> Lour. [pp. 203-207]; <i>Gaultheria</i> L. [pp. 208-253];	FLORA OF INDIA VOL.15: STYLIDIACEAE to PRIMULACEAE Editors: A. A. Mao, S. S. Dash & U. L. Tiwari	Director, Botanical Survey of India, Salt lake City, Kolkata [MOEF&CC, New Delhi] March 2023	NATIONAL LEVEL Publisher	ISBN: 978-81-958726-8-8	As the Main Author S. Panda M. Sanjappa

	<i>Leucothoe</i> D. Don [pp. 253-255]; <i>Lyonia</i> Nutt. [pp. 255-264]; <i>Pieris</i> D. Don [pp. 264-267]; <i>Vaccinium</i> L. [pp. 352-406].					
11	Diversity of the tribe Vaccinieae Reichenbach (Ericaceae: Vaccinioideae) in Darjeeling Himalaya, India.	Biodiversitat und Naturlausstattung im Himalaya VII.	Hartmann, Barclay & Weipert, Erfurt Naturkunde Museum, Germany. October, 2021	International	978-3-00-069535-3	Sole Author
12.	Bryofloral Diversity: Distribution and Conservation of Amphibian Members of Plant Kingdom in India. Pp. 173-187. (Chapter-9)	New Vistas in Indian Flora (Vol. I) : pp. 173-187 © 2021, M/s Bishen Singh Mahendra Pal Singh, Dehradun, India Editors : L. J. Singh & V. Ranjan	Bishen Singh Mahendra Pal Singh, Dehra Dun, India 2021	National	ISBN No.: 978-81-943323-5-0	As Co-Author

13.	Threatened Ethnomedicinal plants of Singalila National Park in Darjeeling Himalaya, including their Ethnic Drug Dosimetry: A Report on an extensive Field Survey.	Biodiversity and Natural Heritage of The Himalaya, Vol-VI <u>Edited By:</u> Matthias Hartmann, Maxwell Barclay, Jorg Weipert	ERFURT Naturkunde Museum, Erfurt in Germany in October, 2018	<i>International</i>	978-3-00-059576-9	Sole Author
14.	Title of the Chapters: a. Chapter 5: "Current Scenario of Indian Eastern Himalayan Vanishing <i>Gaultheria</i> L."—32-39. b. Chapter 9: "Exomorphological diversity of the genus <i>Rubus</i> L. in Darjeeling Himalaya"—81-89 c. Chapter 18: "Exomorphological diversity of the genus <i>Hedychium</i> J. Koenig in Darjeeling Himalaya" —162-168 d. Chapter 21: "A Checklist of the genus <i>Polygonum</i> L. in Darjeeling Himalaya"—189-196	Title of the Edited Book: "Advances in Biology: Eastern Himalayan Perspective" [A UGC-sponsored Proceeding BOOK]. Pages:1-193	N.L. Publishers, Siliguri, West Bengal. December, 2016	<i>National level</i>	978-93-85375-05-7	Sole author in 1 Chapter & Other 3 Chapters as supervisor/corresponding Author
15.	Title of the Chapter: Diversity of the genus <i>Gaultheria</i> L. (Ericaceae) with special reference to the Eastern Himalayas of India, Nepal &	Title of the Edited Book: "Biodiversity & Natural Heritage of the Himalaya" Published by	Natural History Museum (Naturkunde Museum), Erfurt, Germany.	International level---Germany	ISBN no. 978-3-00-048970-9	Sole Author

	Bhutan. Pp. 123-142. 2015	Matthias Hartmann & Jorg Weipert: "Biodiversitat und Naturlausstattung im Himalaya V".-Erfurt, Germany. 2015.	15 th August, 2015			
16.	Title of the Chapter(S.Panda): "Conservation of Threatened potential ethnic herbal species of Ericaceae from Naga hills, India". Pages 493-505	Title of the Edited Book "Biodiversity in Tropical Ecosystems" by Prof. S. K. Tripathi of Mizoram University (Editor), pp. 1-510	published by ---- Today & Tomorrow's Printers & Publishers, New Delhi. 2015.	National Level, New Delhi	ISBN 81-7019-513-2 (India) ISBN 1-55528-370-5 (USA)	Sole Author

17.	Title of Chapter (S.Panda & M. Sanjappa): 9 -----Chapters a. Ericoideae: <u>Diplarche</u> (pp. 4-8) b. Enkianthoideae: <u>Enkianthus</u> (pp. 158-162) c. Cassiopoideae: <u>Cassiope</u> (pp. 163-169) d. Vaccinioideae: <u>Gaultheria</u> (pp. 171-224), e. <u>Leucothoe</u> (pp. 225-227), f. <u>Craibiodendron</u> (228-229), g. <u>Lyonia</u> (229-242) H. <u>Pieris</u> (pp.242-246) i. <u>Vaccinium</u> (pp.390-450)	Title of the Edited Book: Fascicle Flora of India no. 25: Ericaceae-- Edited by M. Sanjappa & ARK Sashtri (Monograph type). Pp. 1-468	Publisher: Botanical Survey of India, Kolkata Printer: St. Joseph Press, Trivandrum	National Level, Kolkata	ISBN NO. 81-8177-014-5 31 st March, 2014.	Main author
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SOME IMPORTANT WORKS

1. WORKED AS A **CONTENT WRITER** OF e-PG PATHSHALA COURSE OF UNIVERSITY GRANTS COMMISSION.
2. Selected to participate in a Symposium entitled "Biology Teaching in 2025" based on **Write-up competition held** in Jawaharlal Nehru University from 12-14th February, 2014, conducted by the School of Life Sciences.
3. TRAINED IN "MOLECULAR MARKERS AND THEIR APPLICATIONS IN PLANT SCIENCES" FROM UNIVERSITY OF PUNE (2ND TO 22ND FEB. 2010) UNDER DST-SPONSORSHIP.
4. PARTICIPATED AT A WORKSHOP-TRAINING COURSE ON "BIOSYSTEMATICS OF SPECIES COMPLEX" FROM 2ND FEB. – 11TH FEB. 2012 AT CEMDE (Centre for Environmental Management of Degraded Ecosystems), UNIVERSITY OF DELHI.
5. PARTICIPATED IN SHORT-TERM TRAINING COURSE ON "REMOTE SENSING & GIS" FROM 17TH DEC. TO 28TH DEC. 2012 AT Remote Sensing Cell, West Bengal State Council of Science & Technology.
6. PARTICIPATED "NOMENCLATURE WORKSHOP" HELD FROM 11TH TO 13TH JANUARY, 2013 UNDER PROF. K. N. GANDHI, SR. NOMENCLATURE REGISTER, HARVARD UNIVERSITY, USA. (CONDUCTED BY BOTANICAL SURVEY OF INDIA)
7. Delivered Lecture as Resource Person in the 2-week long Short-term Refresher Course on "Directions of Pharma-Research to achieve

- Pharma-excellence by 2025" of the Quality Improvement Programme (QIP) during the period from 8th to 21st January, 2013 under the Auspices of AICTE. Jadavpur University, Deptt. of Pharmaceutical Technology (TOPIC: ETHNOMEDICINAL HERBAL DRUG DISCOVERY).
8. Delivered Lecture as Resource Person in the 4-weeks long Short-term Refresher Course on "Recent Advances & Excellences in Pharmaceutical Sciences" of Quality Improvement Programme (QIP) during the period from 10th June to 7th July, 2014 under the Auspices of AICTE, Jadavpur University, Deptt. of Pharmaceutical Technology (TOPIC: Identification crisis in Ethnomedicinal plants).
 9. Delivered Lead Lecture as a Resource Person on 27th July, 2013 at Ahmednagar College (Pune University) on UGC-DST-BCUD-Sponsored National Conference on "Eastern Himalayan Plants Biodiversity conservation".
 10. Chaired the Poster Session-II as the Chairman on 26th July, 2013 at Ahmednagar College (Pune University) on UGC-DST-BCUD-sponsored National Conference.
 11. **RE-ESTABLISHED** VALID SPECIFIC STATUS OF *Gaultheria stapfiana* Airy Shaw (ERICACEAE), A SINO-HIMALAYAN ETHNO-MEDICINAL PLANT, BASED ON FIELD DATA COLLECTED FROM SIKKIM HIMALAYA AFTER A CRITICAL STUDY OF 10 YEARS (Published in *Phytotaxa*: www.mapress.com).
 12. **LIFE MEMBERS IN NATIONAL BODY:** A. **Indian Association for Angiosperm Taxonomy** (IAAT), Deptt. of Botany, Calicut University, Kerala (since 2006). B. **East Himalayan society for Spermatophyte Taxonomy**, Botany Deptt. North Bengal University (since 2007). C. Indian Botanical society, Lucknow, India (since 2022). D. Bombay Natural History Society (since 2022).
 13. Research Linking WITH PROF. KANCHI N. GANDHI, SR. NOMENCLATURAL REGISTRAR, HAVARD UNIVERSITY, USA ON NOMENCLATURE OF ERICACEAE SINCE January, 2013.
 14. Research linking with PROF. MAGNUS LEIDEN, UPASAL BOTANIC GARDEN, SWEDEN SINCE JAN. 2013.
 15. Research linking with PROF. JUNE SILVA, UNIVERSITY OF FLORIDA SINCE July, 2013.
 16. Research linking with Prof. Mostafa Elachourie, Mahammad 1st University, Oujda in Morocco since 2012.

Ph.D. SUPERVISION

- A. **Jointly Supervised** Mr. Partha Pratim Maity, M. Pharm student of Jadavpur University for his Ph.D. along with Dr. Subhash Mandal, Professor in the Deptt. of Pharmaceutical Technology, Jadavpur University. University Letter No. Ref-No. C-4/DC/40/13 dated 18th September, 2013.
Topic: Scientific Exploration of a Traditionally used medicinal plants in Rural Bengal for the management of inflammation. Present Status: Ph.D. Degree Awarded on 25th April, 2022.
My Part: Taxonomical identification and documentation of anti-inflammatory plants.

- B. **Jointly supervising, Mr. Priyankar Roy**, M.Sc. in Botany student of North Bengal University since 2018. He has been re-registered for the Ph.D. degree with effect from 18th APRIL, 2023.

Title of the thesis: Pharmacognostic Evaluation of Herbal Ethnomedicine Used by Traditional Healers of Rajbanshi Community in Terai and Duars Region of West Bengal, India.

SUPERVISOR: Prof. Arnab Sen, Professor, in the Dept. of Botany, University of North Bengal

CO-SUPERVISOR: Dr. Subhasis Panda, Formerly at Dept. of Botany, Maulana Azad College, Kolkata, Presently Principal, Govt General Degree College Chapra, University of Kalyani.

Present Status: Work completed. Write up is going on.

POST-GRADUATE DESSERTATION PROJECTS SUPERVISED: 37

I guided **25 Post Graduate Students** in the **Laboratory of Taxonomy & Biosystematics**, Post Graduate Deptt. of Botany, Barasat Govt. College, Kolkata-700124, during their **Taxonomy & Biosystematics Special paper Dissertation Project Works** (March, 2007 – August, 2007; March, 2008 – August, 2008; July, 2008 – June, 2009; January, 2010 – June, 2010 and February, 2011 – June, 2011). I also supervised and supervising another 12 PG. 4th Semester Students in Darjeeling Govt. College (June-November, 2012 to June-Nov. 2015).

Details of Some Project works are given below:

2007 (6-students)

Sr. No.	Name of Students	Title of the Dissertation work	Tenure	
			From	To
1.	Mr. Nishit Koyal	Exomorphological studies of the family Poaceae in and around Barasat Town in the flora of North 24-Parganas District.	March – August, 2007	

2008 (7-students)

Sr. No.	Name of Students	Title of the Dissertation work	Tenure	
			From	To
1.	Mr. Arindam Adhikari	The genus <i>Gaultheria</i> L. series <i>Leucothoides</i> Airy Shaw (Ericaceae): Insights from light microscopic studies of leaf-stomata, vein islets, vein endings, trichomes and pollen morphology.	March – August, 2008	

5.	Ms. Rumpa Sarkar	The genus <i>Vaccinium</i> L. section <i>Eococcus</i> Sleumer (Ericaceae): Insights from light microscopic studies of leaf-stomata, vein islets, vein endings, trichomes and pollen morphology.	March – August, 2008
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2009 (6-students)

Sr. No.	Name of Students	Title of the Dissertation work	Tenure	
			From	To
1.	Mr. Anurag Chowdhury	Notes on <i>Rhododendron vaccinioides</i> Hook.f. (Ericaceae) in India: Insights from leaf and stem anatomy, seed and pollen morphology.	July, 2008	June, 2009
2.	Mr. Tushar Majumder	Variation in <i>Gaultheria fragrantissima</i> Wall. (Ericaceae) complex in India: insights from leaf stomata and pollen morphology.	July, 2008	June, 2009

2010 (5-students)

Sr. No.	Name of Students	Title of the Dissertation work	Tenure	
			From	To
1.	Mr. Debraj Maity	Variation in <i>Lantana camara</i> L. complex: Insights from exomorphology, leaf anatomy and pollen morphology.	January, 2010	June, 2010
2.	Mr. Indranil Kirtannia	Variation in <i>Rhododendron arboreum</i> Hook. f. complex: Insights from exomorphology, leaf anatomy and pollen morphology.	January, 2010	June, 2010

2011 (1-student)

Sr. No.	Name of Students	Title of the Dissertation work	Tenure	
			From	To
1.	Ms. Deblina Ghosh	A Checklist of Angiospermic Flora in Salt Lake, Kolkata	Feb.2011--	June 2011

**POST-GRADUATE DEPTT. OF BOTANY
DARJEELING GOVT. COLLEGE
2012 (6-students)**

Sr. No.	Name of Students	Title of the Dissertation Work	Tenure	
			From	To
1	Ms. Arpana Chhetri	Taxonomic Studies of the family Urticaceae in and around Darjeeling	June, 2012	Nov. 2012
4	Mr. Aditya Pradhan	A Checklist of flora in Senchal wildlife Sanctuary	June, 2012	Nov. 2012

**POST-GRADUATE DEPTT. OF BOTANY
DARJEELING GOVT. COLLEGE
2013 (1-students)**

1. A Checklist of the family Cyperaceae in Darjeeling Hills.---Mr. Sailendra Chhetri—M.Sc. 4th SEM---June, 2015—Nov.2015.

**POST-GRADUATE DEPTT. OF BOTANY
DARJEELING GOVT. COLLEGE
2014 (2-students)**

Sr. No.	Name of Students	Title of the Dissertation Work	Tenure	
			From	To
1	Mr. Suman Sharma Nepal	A Checklist of the genus <i>Impatiens</i> L. (Balsaminaceae) in Darjeeling Himalayas	June, 2014	Nov. 2014
2	Mr. Samir Sharma	A Checklist of the family Lamiaceae in Darjeeling Himalaya.	June, 2014	Nov. 2014

**POST-GRADUATE DEPTT. OF BOTANY
DARJEELING GOVT. COLLEGE
2015 (3-students)**

Sr. No.	Name of Students	Title of the Dissertation Work	Tenure	
			From	To
1	Mr. Leo Chhetri	The genus <i>Rubus</i> L. (Rosaceae) in Darjeeling Himalaya: insights from live cum herbarium-based exomorphology.	June, 2015	—Nov. 2015
2	Mr. Nitesh Ghatani	A Checklist of the genus <i>Polygonum</i> L. (Polygonaceae) in Darjeeling Himalaya.	June, 2015	—Nov. 2015
3	Mr. Niraj Rai	The genus <i>Hedychium</i> J. Koenig (Zingiberaceae) in Darjeeling Himalaya: insights from live cum herbarium-based exomorphology.	June, 2015	—Nov. 2015

National & State Level Projects Completed

Completed Research Projects

S. No.	Title of the Project	Name of the Funding Agency	Whether Principal Investigator/ Co-PI	Output/ Impact factor/paper/ Book etc	Amounts mobilized	Period	
						From	To
1	“Inventorization of Sacred Groves in Jalpaiguri and Alipurduar Districts in West Bengal” Vide Ref. No. 489/5K(Bio)-6/2017 dt. 29/6/2017 & 301/5K(Bio)-6/2017 dt. 21/02/2019	West Bengal Biodiversity Board, Kolkata Completed & submitted in June 2020	Principal Investigator	Till date total 90 Relic patches of Sacred Groves are documented	Rs. 4,00,000/-	Sept. 2017	Mar 2020
2	“Phenological Diversity, Altitudinal Variation, Quantitative Ethnobotany and Pollinators of the genus	Department of Science & Technology and Biotechnology, Govt of West Bengal	Principal Investigator Completed & submitted on	JRF, Mr Rajat Thakuri, M.Sc [3/05/2019 to 2/2/2020]	Rs. 11,37,000/-	03/05 /2019	02/05 /2022

	<i>Rhododendron L.</i> (Ericaceae) in West Bengal” Vide Ref No. 325(Sanc)/ST/P/S&T/5G-5/2018 dt. 06/03/2019	MAJOR PROJECT	31/12/2023	SRF.: Priyankar Roy [2021-2023]			
3.	“Inventorization of Sacred Groves in Darjeeling district of West Bengal”	West Bengal Biodiversity Board, Kolkata	As a Principal Investigator Completed & submitted in Jan. 2016	i. One Book was published ii. 4 papers communicated	Rs. 1, 40,000/- (One Lakh Forty thousand only). Letter No.140/5K(Bio)-1/2014 dt. 26/02/14	June, 2014	Jan. 2016
2.	“Exploration, Documentation, Bioprospection and Conservation of Ethnomedicinal plants in Singalila National park of Darjeeling Himalaya”.	University Grants Commission, (ERO), Kolkata <u>Completed & submitted on 23rd March, 2015</u>	As a PI	i. one Book is communicated for pub ii. Conference Proc. Published from Germany with ISBN	Rs. 1, 93000/- (One Lakh ninety three thousand only). Letter No. <u>F.PSW-78/12-13 (ERO) dt. 05.02.2013</u>	April 2013	Mar 2015
3.	“Documentation of flora, fauna and related Traditional knowledge in Darjeeling Municipality (32-Wards)”. (Preparation of PBR-Peoples Biodiversity Register)	West Bengal Biodiversity Board, Kolkata <u>Completed & Submitted on 27th Jan, 2014</u>	As a PI	i. PBR (Peoples’ Biodiversity Register) was documented & prepared for the first time in Darjeeling--- <i>Which can not be published as per Biodiversity Act</i>	Rs. 1, 89000/- (One lakh eighty nine thousand only) <u>Letter No. 61/5K(Bio)-1/2010</u> dated 1.2.2012. <u>Sanction No. 177/5K(Bio)-1/2010</u> dated 9.4.2012	27/04 /2012	26/03 /2013
4.	“Detailed Floristic survey and	University Grants	As a PI	1. 1 paper pub. in IJTK	Rs. 91,500/-	26/10	26/04

Ethnomedicinal investigation of the family Ericaceae of West Kameng district in Arunachal Pradesh”.	Commission —ERO, Kolkata ---- MINOR <u>COMPLETE</u> <u>D</u> & SUBMITTED on 22.04.2011		in 2010. 2. 1 Book pub.	(Ninety one thousand five hundred only) No. <u>F. PSW-157/09-10</u> <u>dt.</u> <u>08.10.2009</u>	/2009	/2011
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Invited Lecturers and Chairmanships at National/International Conference/Seminar

Sr. No.	Title of the Lecture /Academic Session	Title of Seminar/Conference	Level	Organized By	Date of Lecture delivered
1	Invited Lecture on “Taxonomic Revision of the genus <i>Vaccinium</i> L. in India	“32 Annual Conference of IAAT & International Seminar on “Botanical Symphony— Perspectives & Current Challenges in Angiosperm Systematics” Assam University, Silchar	<u>International</u>	Dept of Life Science & Bioinformatics, Assam University, Silchar [23—25 th November, 2024	<u>24/11/2024</u>
2	<u>Chaired A Technical Session-II</u>	International Seminar on “Advances in Plant Systematics, Biogeography and Biodiversity Conservation”	<u>International</u>	Dept of Botany, University of Calcutta [25—27 th November 2023	<u>26/11/2023</u>
3	<u>As a Chairperson in a Technical Session I</u>	National Seminar on Biodiversity Conservation: A Philosophical and Attitudinal Perspective	<u>National</u>	Deptt of Botany & Philosophy, Moyna College, Purba Medinipur [1-2 Nov 2019]	<u>1st Nov 2019</u>
4	<u>As a Chairperson</u> in the Academic Session: Lecture Session I: “Biodiversity Conservation of horticultural crops in designing city urban green spaces and Conservation of Biodiversity in and around Ranchi”	Two days National Seminar entitled “Urban Biodiversity: Documentation and Conservation”	<u>National</u>	Botany Depatt Bethune College and West Bengal Biodiversity Board	<u>06/03/2018</u>
5.	<u>Delivered Lead Lecture (invited) as a Resource</u>	UGC,DST& BCUD, University of Pune-	<u>National</u>	Ahmednagar Jilha Maratha	<u>26/07/2013</u>

	Person on 26th July, 2013 at Ahmednagar College (Pune University) on “ <i>Eastern Himalayan Plants Biodiversity conservation</i> ”.	sponsored National Conference National Conference on “ <i>Current Prospects and Challenges in Life Sciences-2013</i> ”		Vidya Prasarak Samaj’s New Arts, Commerce & Science College, Ahmednagar, Botany Deptt.	
6.	Chaired the Poster Session-II as the Chairman on 27th July, 2013 at Ahmednagar College (Pune University) on UGC-DST-BCUD-sponsored National Conference.	UGC,DST& BCUD, University of Pune-sponsored National Conference National Conference on “ <i>Current Prospects and Challenges in Life Sciences-2013</i> ”	National	Ahmednagar Jilha Maratha Vidya Prasarak Samaj’s New Arts, Commerce & Science College, Ahmednagar, Botany Deptt.	27th July, 2013
7	Academic session: As a Chairman in Biodiversity Seminar Lecture Session	West Bengal Biodiversity Board, Kolkata sponsored State level Conference on “ <i>Biodiversity Day Celebration-2014: Biodiversity & its Conservation in Darjeeling Himalaya</i> ”	State level	Deptt. of Botany, Darjeeling Government College, Darjeeling.	21st August, 2014
8	Delivered Lecture as Resource Person on the TOPIC: “ <i>ETHNOMEDICINAL HERBAL DRUG DISCOVERY</i> ”.	2-week long Short-term Refresher Course on "Directions of Pharma-Research to achieve Pharma-excellence by 2025" of the Quality Improvement Programme (QIP) during the period from 8th to 21st January, 2013 under the Auspices of	University Level (Talk on Refresher Course)	Deptt. of Pharmaceutical Technology, Jadavpur University Under the auspices of AICTE.	10th January, 2013
9	Delivered Lecture as Resource Person on the TOPIC: “ <i>Discovery of Herbal drugs and their identification</i> ”.	2-week long Short-term Refresher Course-I on "Directions of Pharma-Research to achieve Pharma-excellence by 2025" of the Quality Improvement	do	do	22nd July, 2013

		Programme (QIP) during the period from 16th to 29th July, 2013			
10	Delivered Lecture as Resource Person on the TOPIC: <i>“Identification crisis in Ethnomedicinal plants”</i> .	4-weeks long Short-term Refresher Course on "Recent Advances & Excellences in Pharmaceutical Sciences" of Quality Improvement Programme (QIP) during the period from 10th June to 7 th July, 2014	<u>do</u>	do	<u>30th June, 2014</u>

Conferences/ Seminars/ Symposia papers Presented

S. No.	Title of Conference/Seminar	Organized by	Title of Presented paper	Whether international/ National/State /Regional/University /College level
1	International Conference on Communication and Dissemination of Traditional Knowledge & National Workshop on "Role of Taxonomical Identification & Authentication of Plants & Crude Drugs in Traditional Medicine & Research"	National Institute of Science Communication & Policy Research (NISPR), CSIR, New Delhi [14-15 February 2023]	"Notes on some potential new and noteworthy first hand ethnomedicinal herbal drug dosimetry interviewed with the Gorkha Nepalese of Darjeeling Hills (India)". DATE: 14/02/2023	INTERNATIONAL
2	International eConference on "Conservation of Wild taxa: Present Scenario"	Department of Botany, Shri Yashwantrao Patil Science College, Solankur, Maharashtra [5 th Feb 2021].	"Delimiting Exomorphological Variation in <i>Enkianthus deflexus</i> (Griff.) C.K. Schneid. (Ericaceae) in India: Insights from Leaf Anatomy and Pollen Morphology"	International

3	International Symposium on Plant Taxonomy & Ethnobotany	Botanical Survey of India, MOEF&CC, Kolkata [13-14 th February 2020]	“Floral Diversity in Major Sacred Groves of Darjeeling Himalaya” DATE: 13/02/2020	International
4.	6th India Biodiversity Meet 2019 (International Conference) From 14th -16th Feb. 2019	Agriculture & Ecology Unit, Indian Statistical Institute, Kolkata	<i>Helwingia himalaica</i> (Helwingiaceae): A Threatened Ethnomedicinal Plant on the Verge of Extinction from Darjeeling Himalaya—A Field Observational Report (2011-2018)	International
5	A TWO Day National Seminar on “Biodiversity Conservation: A Philosophical and Attitudinal Perspective”	Dept of Botany & Dept of Philosophy, Moyna College, Moyna, Purba Medinipur [1-2 November 2019]	“Floristic Diversity in Kardo Hill Sacred Grove in Lower Subansiri District of Arunachal Pradesh” Date: 1 st Nov 2019	National
6.	6th international Meeting & Symposium on “Biodiversity & Natural Heritage of the Himalaya” 21st — 23rd April, 2017	Naturkunde Museum Erfurt/Thuringia, Germany [<i>visited Erfurt & Presented invited Lecture there</i>]	Invited Lecture on: “Threatened Ethnomedicinal Plants of Singalila National Park in Darjeeling Himalaya including their ethnic drug dosimetry and their delayed conservation due to misidentification: A Report on extensive Field Survey (2011-2016)”	International
7	UGC-sponsored National Seminar on “Advances in Biology: Eastern Himalayan Perspective. 2 Days 3rd-4th Oct. 2015	Deptt. of Botany & Zoology, Kalimpong College, Kalimpong, Darjeeling.	“Current Scenario of Indian Eastern Himalayan Vanishing <i>Gaultheria</i> L. (Ericaceae) and their Conservation: Journey started in 2001 and delayed mainly due to misidentification”	National
8.	International Seminar on “Advancements in Angiosperm Systematics & Conservation”. [Paper was accepted, but I could not attend]	IAAT, IAPT & Botany Deptt., Calicut University, Kerala. (Accepted letter is attached)	Title of the paper: “Taxonomic Revision of Five Selected Genera (<i>Craibiodendron</i> W.W. Sm., <i>Enkianthus</i> Lour., <i>Lyonia</i> Nutt., <i>Pieris</i> D. Don and <i>Vaccinium</i> L.) of Ericaceae Juss. in India: 1999-2015”.	International

	3 days 19 th to 21 st Nov. 2015			
9.	International Conference and One day Workshop on “Current trends in Medicinal Plants Research” 4 days 10-13th January, 2012	Department of Botany, University of Pune (Maharashtra)	Title of the Paper: Discovery of Potential Herbal Ethnic Drugs in the Family Ericaceae Juss. by the <i>Amakhangese, Imchung, Mao and Tankul</i> Nagas from Naga hills in India with a note on conservation measures of some Threatened species.	International
10.	National Seminar on “Traditional Knowledge and Social Practices Promoting Biodiversity Conservation” . 1 day 24th Sept. 2011	Zoological Survey of India, SEBA, West Bengal Biodiversity Board and Ramakrishna Vivekananda mission Institute of Advanced Studies, Kolkata.	Indigenous Traditional Knowledge on the uses of the family Ericaceae Juss. from Sikkim Himalaya with a note on conservation measures of some threatened species.	National
11.	UGC-sponsored National Seminar on “Emerging Trends in Plant Science” 2 days 14-15th July, 2011	PG. Department of Botany, Barasat Government College, Kolkata-124 & Indian Statistical Institute, Kolkata	Discovery of potential Ethnomedicine on chronic Dysentery in Sezegeu plant (<i>Gaultheria discolor</i>) among the Aka tribe in West Kameng District of Arunachal Pradesh with a note on its probable screening by HPTLC.	National
12.	National Seminar on Plant Diversity: Aspects and prospects 2 days (9th & 10th March, 2011	Department of Botany & Forestry, Vidyasagar University, Midnapore.	Floristic and Ethnomedicinal Diversity in the family Ericaceae s.l. in West Kameng district of Arunachal Pradesh and plea for conservation on threatened taxa	National
13.	National Conference on Emerging Trends in Natural Product Research 2 days (Feb. 12 – 13, 2011).	School of Natural Product Studies, Jadavpur University, Kolkata.	Ethnobotanical expeditions to Arunachal Pradesh, Nagaland and Manipur and Discovery of rare ethnomedicinal plants in the family Ericaceae s.l. with promising potentialities in herbal medicine.	National

14.	XI th International Conference of IOPB (International Organization of Plant Biosystematists) on “ Evolution of Plants from tropical to high mountain ecosystems: Focus on Asia ” <u>1st time in India</u> 3 days 2 – 4 September, 2010	Department Of Botany, Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra, IOPB (Bratislava), IAPT (Vienna), IAAT (India) and Botanical Survey of India.	Variation in <i>Rhododendron arboreum</i> Sm. (Ericaceae) complex: insights from exomorphology, leaf anatomy and pollen morphology with a note on phytogeography.	International
15.	National Seminar on “Angiosperm Taxonomy: a tribute to Dr. Sushil Kumar Mukherjee (Botanical Society of Bengal). <u>1 day</u> <u>9th Jan. 2010</u>	Botanical Society of Bengal & Department of Botany, University of Calcutta.	Variation in <i>Gaultheria fragrantissima</i> Wall. Complex (Ericaceae): insights from exomorphology, leaf anatomy and pollen morphology.	National
16.	19th Annual Conference of IAAT and International Symposium on Angiosperm Systematics & Phylogeny: Retrospect & Prospects 3 days November 12 – 14, 2009.	National Botanical Research Institute, Lucknow & IAAT (Indian Association for Angiosperm Taxonomy), India.	Diversity in the genus <i>Gaultheria</i> L. (Ericaceae) in India (Ericaceae): Insights from morpho-taxonomical, leaf-anatomical and pollen morphological data.	International
17.	15th West Bengal Science & Technological Congress. 2 days 28-29 Feb. 2008	Bengal Engineering College & West Bengal Science & Technology Deptt.	Ethnobotanical Discovery in the family Ericaceae from Eastern Himalayas and North-eastern India.	State Level
18.	17th International Seminar on “Changing Scenario in Angiosperm Systematics” 3 days Nov. 19 – 21, 2007.	Botany Deptt., Shivaji University & IAAT (Indian Association for Angiosperm Taxonomy), India.	Taxonomic revision of the family Ericaceae in India (excl. <i>Agapetes</i> and <i>Rhododendron</i>): Shivaji University, Kolhapur, Maharashtra, India.	International
19.	UGC-sponsored National Conference on Plants, Microbes and Environment: Issue and Challenges	Deptt. of Botany, Burdwan University	The Indian Wintergreen (<i>Gaultheria fragrantissima</i> Wall.) – A Promising Medicinal Plant.	National

	2 days March 20 – 21, 2004			
20.	UGC sponsored National Seminar on "Recent Advances in Plant sciences" 2 days March 30-31, 2004.	Deptt. of Botany & Forestry, Vidyasagar University, Midnapore.	<i>Gaultheria brevistipes</i> (C.Y. Wu & T.Z.Hsu) R.C.Fang (Ericaceae): A Sino-Himalayan plant with promising potentialities of fruit crops.	National
