

**BIO-DATA OF
DR. DEBABRATA DAS**

Name (Block Letters) : DR. DEBABRATA DAS
 Father's /Mother's Name/ : Lt. Bani Binod Das/Dipu Rani Das
Department and Institution : Department of Botany, Lalgarh Government College, W.B., India

(Formerly Jhargram Raj College & P.G. Department of Botany, Darjeeling Govt. College, Darjeeling up to July, 2016)

Current Designation: Associate Prof. of Botany,

Date of Joining in Service (WBES): 26.02.2002

Office Address: Ecology Laboratory, Department of Botany, Lalgarh Govt. College, Lalgarh, Jhargram, 721516.

Permanent Address with Pin code: Vill.-Champak Roy Chack, P.O.-Garhbari, (Via-Kajlagarah), P.S.- Bhagwanpur-II, District-Purba Medinipur, Pin Code: 721 626, Mobile: 09434232596/9800301026 / 9564174005

Present Address: Barisal Colony, Girja Goran, Sepoy Bazar, Midnapore, Paschim Medinipur, W.B., 721101

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Academic Staff College Orientation/Refresher Course attended during the year:

Name of the Course/Summer School	Place	Duration	Sponsoring Agency
Refresher Course in Life Science	ASC-Calcutta University.	Nov.18 th to Dec. 08 th , 2008	UGC-ASC/C.U
Faculty Dev. Programme	KGP, IIT, Midnapore.	Feb. 13 th to Feb. 26 th , 2012	RoMSEE , DST
Special Winter School	Mizoram University, India	March,3 rd 2015 to 23 rd March, 2015	UGC-ASC, MZU, India

Date of Appointment in WBES : 26.03.2002

Date of confirmation : 26.03.2005

Position: Associate Professor of Government College, under Higher Education Department, Govt. of W.B.

Educational Qualification (Graduation Onwards):

Examination(s)	Name of the University	Year of Passing	Marks obtained (%)	Class/Grade
B.A/B.Sc./B.Com	Vidyasagar University (V.U) (Botany-Hons, Zoology and Physiology Pass Paper)	1993	65.0	1 st Class
M.A/M.Sc./M.Com.	V.U (Botany, Spl. Microbiology)	1995	63.7	1 st Class
Other Examinations, if any (1. B.Ed, 2. CES, 3. GATE,4. Bridge course in Bengali Lit.)	1. V.U (Regular)	1997	63.1	1 st Class
	2. IGNOU (Distance) Certificate in Env. Sc.	1998	65.0	1 st Class
	3. IIT/IISc. (GATE)	1996	72.15	Qualified
	4. V.U (DDE)	1998	51.25	2 nd Class

Research Degree (s):

Degree	Name of the University	Date of award	Title
Ph.D./D.Phil	Vidyasagar University (V.U.)	03/12/2007	Study of Vegetation Ecology of forests of lateritic Southwest Bengal with special reference to Non Timber Forest Produce (NTFP) productivity.

Details of teaching /Research/Academic experience:

Designation	Employer	Period of Service From To
Junior Research Fellow/SRF for Productivity and Marketing Potentialities of NWFPs in Lateritic Forests of West Bengal at CNS, Gope Palace, Midnapore, W.B.	Principal, Raja N L Khan Women's College, Midnapore (ICFRE Project, Dehra Dun) from CNS-research Centre, Midnapore (Erstwhile)	09/06/1997 to 09/08/99
JRF and SRF for <i>Flora India Project</i> at CNH, BSI, Kolkata.	Director, BSI, (MoEF),	10/08/99 to 25/03/2002 (SRF from 06/08/2001 to 25/03/2002)
Assistant Professor (Previously Lecturer)	Higher Education Deptt., Govt. of West Bengal	26/03/2002 to 2/12/2007
Assistant Prof. (Stage-II)	Higher Education Department, Govt. of West Bengal	3/12/2007 to 2/12/2012
Assistant Prof. (Stage-III)	Higher Education Department, Govt. of West Bengal	3/12/2012 to 2/12/2015
Associate Prof. (Stage-IV)	Higher Education Department, Govt. of West Bengal	3/12/2015 onwards
Professor (Due) on 3/12/2018 onwards.	-Do-	3/12/2018 onwards

Project Completed: Two, funded by University Grants Commission (ERO), New Delhi, Basic theme: Ecology

Papers Published: 40 (Forty)

Abstracts: 18 (Eighteen)

Books Published: 03 (Environmental Studies for North Bengal and Vidyasagar University)

Subject Book: Botany 01

Ph. D. Scholar: 1, Registered in Vidyasagar University, Midnapore, W.B. under my supervision. Thesis submitted, 2020

Expertise in Research: Forestry, Silviculture (North), Siliguri, Silviculture (South), Paschim Medinipur, W.B. under Medicinal Plant Conservation Area Research (MPCA) in the Forest Department, Govt. of W.B.

Recent Courses Completed: Home Study Course in Ornithology, KFI, Rishi Valley, Chittor District, A.P. (Photocopy attached) Sept. 2017 to Feb, 2018.

Member: Indian Bird Conservation Network (Card No. D00219)

Associate Editors: International Journal of Integrated research & Development (UGC Listed)

International Journal of Botany Studies (UGC listed)

Life Member: Flora and Fauna Journal, Indian Science Cruiser etc., Society for Plant research, IJIRD, Jour. of Bio-pesticides, Botanical Society of Bengal, Calcutta University.

Field Experience on Bird Studies and Camp Attended: Amboli, Khijadiya, Pangot, Bharatpur, with BNHS. Sikkim with students.

Local Places Visited: More or less all National Parks and IBAs of West Bengal.

Experts in Seminar/Symposia: Biodiversity, Non linear Dynamics.

Judge's Activities in Different Academic Programmes:

District level student youth Science Fair-2015, at Campion Hall, St. Joseph's College, North Point, Darjeeling on 01.10.2015 organized by Department of Youth Services, Gorkhaland Territorial Administration, Darjeeling in Coordination with Department of Youth Services, Govt. of West Bengal., from Environment and Management. Worked as Judge for evaluation of models demonstrated by Secondary level Students coming from different institutes of Darjeeling District in Youth Science fair 2015.

Seminar Organized: One: Forest Resource and Sustainable management of West Bengal, funded by West Bengal Biodiversity Board, Govt. of W.B. 2017 and another in 2019-Biodiversity seminar funded by WBBB.

Additional Editorship: In IJIRD, since 2018 till date (UGC listed but not CARE listed), Interdisciplinary Journal.

Some Seminars Attended and Paper Presented in Hills:

Papers:

- (1) Das, S; Rai, S; Rai, A; Rai, V; Das, R; Bhattacharjee, S; Chhettri, S and Das, D. 2015. Preliminary study on Arbuscular Mycorrhizal Fungal status on some selected medicinal Plants of Pandam in Darjeeling Himalaya, *Advances in Biology: Eastern Himalayan Perspective*, October 03 & 04, 2015, UGC-Sponsored National Seminar, Organised by Department of Botany and Zoology, Kalimpong College, Darjeeling, from P.G. Dept. Of Botany, Darjeeling Govt. College, Darjeeling-734101, attended and paper presented jointly.
- (2) Rai, S; Das, S; Rai, A; Rai, V; Das, R; Bhattacharjee, S; Chhettri, S and Das, D. 2015. Studies on Vesicular Arbuscular Mycorrhizal status on some selected plants of Allubari and Kalimpong areas of Darjeeling Himalaya, *Advances in Biology: Eastern Himalayan Perspective*, October 03 & 04, 2015, UGC-Sponsored National Seminar, Organised by Department of Botany and Zoology, Kalimpong College, Darjeeling, from P.G. Dept. Of Botany, Darjeeling Govt. College, Darjeeling-734101, attended and paper presented jointly.
- (3) **Das, D. 2019.** Studies on NTFPs productivity in lateritic forest of Jhargram, Oral Presentation in the 4th Regional Science & Tech. Congress (Western Region), 9-10th Dec., 2019, The University of Burdwan, Abstract: BO-O-06, pp.36. Full length paper for Presentation.

Awarded Ph. D. Thesis on Ecology:

Das, D. 2007. Vegetation Ecology of Forests of South West Bengal with special reference to Non-Timber Forest Produce (NTFPs) Productivity, Ph. D Thesis awarded from Vidyasagar University, West Bengal (Work from CNH, Botanical Survey of India, Shibpore, Howrah, West Bengal).

Annexure-I

Some Papers Published: (After 2014)

1. Das D. and Das M. 2014a. Vegetation Ecology of Coastal belt of Khejuri area of Purba Medinipur District with special reference to Hijli Coast, West Bengal, India. *IOSR-Jour of Pharmacy*, **4** (2):2319-4219.
2. Das, D and Ghosh, P. 2014b. Ecological Studies of Ecosystem Health Indicators at Nayagram of Paschim Medinipur District in Lateritic forests of Southwest Bengal, India. *IOSR-JESTFT*, **8** (5/1): 1-17.
3. Ghosh P. and Das D 2014c. Some medicinal Plants of Joypore forest Range of Bankura, West Bengal, India, *Environment & Ecology*, Kalyani, Nadia, W.B, **32** (2):465-470.
4. Das, Debabrata. 2015. Cultural attributes of Plants of Darjeeling with potential use and threat through Environmental degradation in Eastern Himalaya, *Indian J. Applied & Pure Bio.* **30** (1): 41-45
5. Das, D; Pramanik, B.K.; and Mollay, S.K. 2015. A Model Classical Ecological report on Vegetation dynamics in Gorumara National Park in West Bengal, India, *Int. J. Phar. & Biomed. Rese.* **2** (2): 1-14, Available online at www.ijpbr.org
6. Das, Debabrata and Pramanik, B. K. 2015. Ecological amplitude and Environmental impact on Flora and Fauna including society of Mizoram People in North-East India, *IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)* e-ISSN: 2278-3008, p-84-95 ISSN:2319-7676, **10** (2) Ver. II (Mar -Apr. 2015), PP 84-95 www.iosrjournals.org DOI: 10.9790/3008-102XXXXX.
7. Pramanik, B. K and Das, Debabrata. 2015. Priliminary Phytosociological Study of Medicinal Plants Conservation Area (MPCA) At Forests of Buxa Tiger Reserve (BTR) and Gorumara National Park, *IOSR Journal of Environmental Science, Toxicology and Food Technology (IOSR-JESTFT)* e-ISSN: 2319-2402,p- ISSN: 2319-2399, **9** (4), Ver. I (Apr. 2015): 64-77 www.iosrjournals.org DOI: 10.9790/2402-09416477.
8. Das, A. A. and Das, D. 2016. Preliminary Studies on Common Birds of West Bengal with Special Reference to Vegetation Spectrum, India , *IOSR-JESTFT*, **10** (11): 12-34.
9. Das, D and Das, A.A. 2016. New Destination to Kuldiha-an interesting Bird watching spot in West Bengal, India, *IJSART*, **3**(2): 12-17.

10. Das, D. 2017. Kansai basin flora at Lalgargh of Binpur-I Community Development Block in Jhargram sub-division of Paschim Medinipur District in West Bengal, India, *IJSART*, **3**(2): 1-11
11. Das, D. 2017. Flora of Kansai Basin at Lalgargh of Paschim Medinipur District in West Bengal with special reference to Eco-degradation in India, *IOSR-JPBS*, **12**(1): 28-51
12. Das, D. 2014. Community study of plants species in coastal areas of Mohana and old Digha of Purba Medinipur District with special reference to Eco-sustenance, *Indian Journal of Applied and Pure Biology*, **29** (2): 255-266.
13. Das, D. 2009. Ecological status of plants in sacred groves of southwest Bengal (Midnapore, Bankura and Purulia District) of West Bengal, Final UGC-Project Report, 2009, PSW-160/06-07(ERO) dated 19.02.2007.
14. Das, D. 2015. Final Project Report on 'Ecological studies of Vegetation in coastal areas of Purba Medinipur under stress for sustenance of life', UGC-Project report (No. PSW-087/11-12 (ERO), Kolkata, dated 23.04.2013.
15. Das, D. 2016. Ecological Studies on Jhitka forest under Medinipur Forest Division, *IJSART*, **2**(12): 296-302.
16. Das, D. 2016. Eco-tourism and Eco-degradation in Darjeeling Himalaya, West Bengal, Abstract and Full Length Paper in a seminar-Variation and prospects of Eco-Tourism at Darjeeling and Dooars, 20th December, 2016, funded by Higher Education Department, Govt. of W.B., at Gorubathan Govt. College, Darjeeling.
17. Das, D. 2014. Singhabahini Sacred Grove A 1000 Years Old Sacred Grove Represents Nature Made Nursery of Forest Plants for Future Study, *Int. J. Pure. App. Biosci*, **2**(5): 239-245.
18. Das, D. and M. Das. 2014. Vegetation Ecology of Coastal belt of Khejuri area of Purba Medinipur District with special reference to Hijli Coast, West Bengal, India, *IOSR-Jour of Pharmacy*, **4**(2): 2319-4219.
19. Das, D. 2014. Ecological Studies of Ecosystem Health Indicators at Nayagram of Paschim Medinipur District in Lateritic forests of Southwest Bengal, India; *IOSR-JESTFT*, **8**(5/1): 1-17.
20. Ghosh, P. and **Das, D.** 2014. Some medicinal Plants of Joypore forest Range of Bankura, West Bengal, India, *Environment & Ecology*, Kalyani, Nadia, W.B, **32**(2): 465-470.
21. Das, D. 2017. Sacred groves and ecology in proposed Jhargram District of West Bengal, India, *IJSART*, **3**(3): 221-229.
22. Das, D. 2017. Phyto-sociological study of herbaceous vegetation of Darjeeling Govt. College Campus in West Bengal, India, *India J. Applied & Pure Bio.*, **32**(1): 101-104.
23. Ghosh, P and **Das, D.** 2017. VAMF spore diversity of Jhitka Forest floor under proposed Jhargram District in West Bengal, India, *IJSART*, **3**(2): 227-232.
24. Ghosh, R. B and **Das, D.** 2000. A preliminary census and taxonomic survey of wild and cultivated Aroids of the District Midnapore, West Bengal, *Indian J. Applied & Pure Bio.* **15**(2): 199-122.

25. Ghosh, R. B and **Das, D.** 1998b. Seasonal distribution of the wall vegetation of Midnapore District, W. Bengal, *Indian J. Applied & Pure Bio.* **13**(2): 107-113.
26. **Das, D;** Ghosh, R. B and Mishra, T. K. 2002. Biological spectrum of the vegetation in the Campus of Vidyasagar University, Midnapore, West Bengal, *Vidyasagar University Journal of Biological Sciences*, **8**: 87-91.
27. **Das, D** and R. B. Ghosh. 1999. A Preliminary survey and Taxonomic Census of flowering trees of angiosperms of the campus of Vidyasagar University, Midnapore, West Bengal, India, *Indian J. Applied & Pure Bio.* **14**(1): 56-68.
28. Das, D and Ghosh, P. 2006. A Contribution to the medicinal plant diversity in the territory of Gopegarh heritage and Nature Eco-tourism centre, West Midnapore, W.B., *Mahishadal Jour. of Biology*, Purba Medinipur, **1**: 30-33.
29. Das, D. 2016. Eco-tourism and Eco-degradation with special reference to community study at coastal areas of Talsari and Udaipur areas of Balasore, Odisha, India, *IJIRD*, II (5th Yr.): 5-13
30. Das, D; Das, M and Ghosh, P. 2009. Phytodiversity of Jhargram Raj College Campus and its vicinity with special reference to economically important plants, *Indian J. Applied & Pure Bio.* **24**(2): 337-346.
31. Ghosh, P and Das, D. 2014. Ethno-botanical use of plants as living fence in and around Radhanagar village of Jhargram Block, Paschim Medinipur District, West Bengal, *Indian J. Applied & Pure Bio.* **29**(2): 223-229.
32. Das, D; Mishra, T. K. and Ghosh, R. B. 2004. Pendulous horticultural plants – A material for landscaping and beautification, Proceedings, Impact of Civilization on Environment, UGC Sponsored State level Seminar, 27th & 28th November, 2004, Jhargram Raj College & WBGCTA, at Jhargram Raj College, pp. 165-166.
33. Saha, R; Das, D and De, R. P. 2004. Some plant bio-indicator species-A useful tool for environmental monitoring, UGC Sponsored State level Seminar, 27th & 28th November, 2004, pp. 159-161.
34. Ghosh, R. B; Das, Debabrata and Hazra, R. 1999. Preliminary systematic census and taxonomic survey of Tree flora in Gope College campus, Midnapore, West Bengal, *Indian J. Applied & Pure Bio.* **14**(1): 77-81.
35. Das, D. 2017. Preliminary study on Angiospermic flora of Lalgahar government college campus in west Bengal, *IJSAT* **3**(4): 839-851
36. Das, D. 2017. Ecological studies on VA-Mycorrhizal fungal spore density in Rhizosphere soil of Dutch white clover plant community in Darjeeling Himalaya, *Jour of Research in Agri. & Animal. Sc.*, 4(11): 01-07.
37. Das, D and Ghosh, P. 2017. Some important medicinal plants used widely in Southwest Bengal, India, *IJESI*, 6(6): 28-50.
38. Das, D. 2017. Phyto-sociological study of herbaceous vegetation of Darjeeling Govt. College Campus in West Bengal, India, *I. J. App. & Pure. Biol.*, 32(1): 101-104.
39. Das, A.A and Das, D. 2018. Birds of our garden premises in West Midnapore district of West Bengal, India, *IJSART*, 4(3): 269-277.

40. Das, D. 2018. *Chromolaena odorata (Eupatorium odoratum)*-An Exotic Weed used in Lalgargh, Jhargram, West Bengal for fuel wood purpose, *IJSART*, 4(11): 924-930.
41. Das, D; Mondal, S; Acharya, K and Acharya, S. 2017. Diverse use of some eatable medicinal plants, fruits and flowers of southwest Bengal with special reference to market demand, *IJIRD*, 5th Year (II): 44-47.
42. Das, M; Das, Dulal and Das, Debabrata. 2017. Some Potentially important Medicinal plants of Coastal Purba Medinipur with Special reference to Economic development, *IJIRD*, 5th Year (II): 26-34.
43. Pramanik, R; Bhakat, N, Kundu, S and Das, D. 2018. Preliminary study on forest macro-fungi at Purnapani forest of Jhargram in West Bengal, *International Journal of Life Science Research*, 6(3): 318-323.
44. Das, D. 2018. Host Diversity of *Cussuta reflexa* Roxb. in Darjeeling District, West Bengal, India., *IJSART*, 4(6): 1244-1247.
45. Das, D. 2018. *Chromolaena odorata (Eupatorium odoratum)*-An exotic weed used in Lalgargh, Jhargram, West Bengal for fuel wood purpose, *IJSART*, Jan., 924-930.
46. Das, D and Ghosh, P. 2018. Ecosystem study on some plants of Coastal Purba Medinipur, *IJSART*, 4(11):102-106.
47. Das, D. 2019. Some Non-timber forest Produce (NTFP) productivity in Jhargram district, *IJIRD*, 2: 88-95.
48. Das, D. 2020. Preliminary study on Jungle Mahal Zoological Park of Jhargram district in West Bengal; *IJSART*, 6(1): 346-352.
49. Das, D and Ghosh, P. 2020. Systematic enumeration of Common house hold plants of Vidyasagar Pally in Jhargram of West Bengal, *IJSART*, 6(2): 511-516.
50. Ghosh, P and Das, D. 2020. Studies on Mycorrhizal status on *Drosera burmanii* and its ecological status in dry deciduous forest of West Bengal, *Vidyabharati International Interdisciplinary Research Journal*, pp. 20-27.
51. Das, D. 2020. Systematic enumeration of common house hold plants of vidyasagar pally in jhargram of West Bengal, *IJSART*, 6(2): 511-516.
52. Das, D and ghosh, P. 2020. Covid-2019 and peoples' awareness: A case study in Midnapore town of West Bengal, *IJSART*, 6(5), 634-638.
53. Ghosh, P and Das, D. 2020. Covid-19 and Peoples' awareness: A 4th phase case study in West Bengal, *Vidyabharati International Interdisciplinary Research Journal*, Spl. Issue June, pp. 302-307.
54. Das, D. 2020. Two sacred groves and their ecology in Jhargram district of West Bengal, *International Journal of Integrated Research and Development*, Spl. Issue June, 1(2): pp. 1-15.
55. Das, 2021. Ecological study on plants and birds of Jhilly Pakhralaya in Jhargram District of West Bengal in W.B., *Indian J. Applied & Pure Bio.* 36(1): 199-206.

(List till date not fully compiled).

Recently Book chapter Published:

1. Das, D. 2020. Studies on some non-timber forest-produce (NTFPs) productivity in lateritic forest of southwest Bengal, in: Organisms and Environment, ISBN: 978-93-89808-99-5, Editor: Sarkar, A. Educreation Publishing, Chattisgarh, India.
2. Ghosh, P; Das, D and Das, A.A. 2021. Agroforestry and soil health: a mitigation process using AM fungal culture in West Bengal, In: Chapter 21-Forest Resources and Resilience and Conflicts, Editors-Shit, P K, Pourghasemi, H Reza;; Adhikary, P P; Bhunia, G S and Sati, V P. , ELSEVIER.
3. Das, D; Ghosh, P and Das, A.A. 2021. Non-timber forest produces (NTFPs) and livelihood security of people in Wwest Bengal, In: Chapter 17-Forest Resources and Resilience and Conflicts, Editors-Shit, P K, Pourghasemi, H Reza;; Adhikary, P P; Bhunia, G S and Sati, V P. , ELSEVIER.
4. Ghosh, P and Das, D. 2021. Gender wise study on mask users and non-mask users during unlock-II phase of Covid-19, at Midnapored town in West Bengal, In: Covid -19 negotiating the immediate and beyond, Editor: Dr. Sangeeta Das, Walnutpublication, ISBN: 978-939078594-0.
5. Das, D. 2021. Indian Sunderbans: Biodiversityand its conservation strategies, In: Global Environmental Justice (Institutions, policies and implementations), Edt.: Yadav, S.K and Yadav, A; Bhartyi Publications, New Delhi., Chapter 24
6. Edited Books : Three books published
 1. Biodiversity and Sustainable Resource management (Basic to Research) ISBN: 978-93-91681-28-9
 2. Biodiversity and Sustainable Resource management (Basic to Research & Applied) ISBN: 978-93-91681-79-1
 3. Environment & Sustainable Development (Problems, Prospects and Mitigation) ISBN: 978-93-477-94779-43-3 (Joint editor)
 4. Medicinal Plants and Traditional Knowledge in the Indian Subcontinent: 978-93-95362-22-1
 5. Biodiversity of our mother Earth: ISBN: 978-9-94779-42-6
 6. Birds around us (Science and Emotion) : ISBN: 978-93-94779-62-4 (Joint editor, In Press)
 7. Environment and Development (An integrated Approach) (Joint editor)
 8. Ethnobotany & ethnozoology ISBN: 978-93-94779-61-7 (In Press) (Joint editor)

Webinar Organised: 30 Webinars on Biodiversity Conservation

10 Webinars on Environment and Development

Recently: On 25th July, 2021: ICT Tools for beginners.

Blended Mode Conference Organized from Dept. of Botany with Journal Society IJIRD: 25-26
Nov. 2022

MGNCRE Coordinator: Working with Swachhata and Sustainability programme at GGDC
Lalgarh with mentor teachers and students through MGNCRE Cell



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