

Dr. DEBNATH PALIT

Contact: 9832175737

Qualification: M.Sc., Ph.D.

Designation: Associate Professor (WBES)

Teaching Experience (in years): UG: 19 Years PG: 17 Years

Research Experience (in years): 22 + Years

Date of Joining Present Institution: 17/11/2016



Institutions/Companies Previously Served

Name of Institution/Company	Designation	Tenure	
		From	To
Darjeeling Government College (Under NBU)	Lecturer in Botany (W.B.E.S.)	01/04/2002	31/07/2007
Bidhannagar Government College (Under CU)	Lecturer (Sr. Scale) Botany (W.B.E.S)	02/08/2007	02/12/2008
Durgapur Government College (Under BU)	Assistant Professor of Botany (W.B.E.S)	03/12/2008	01/08/ 2016
Dr. APJ Abdul Kalam Government College, (Under WBSU)	Associate Professor of Botany (W.B.E.S)	03 /08/2016	16/11/2016
Durgapur Government College (Under KNU)	Associate Professor of Botany (W.B.E.S)	17/11/2016	Till date

Examinations cleared: NET : 2000 and SLET: 1999

Specialization/Research Interest: Ecology of Wetlands, Pit-lakes and Forest, Phyto- and Microbial remediation of coal mined generated wastelands, Air Pollution Control, Environmental Impact Assessment

Awards & Recognitions

Obtained **National Scholarship** of the Government of India in the year 1991-92

Courses taught

	B.Sc Honours
Semester-II	Morphology of Angiosperms
Semester-III	Plant Systematics
Semester-IV	Biochemistry & Ecology
Semester-V	Plant Physiology DSE-Analytical Techniques in Plant Science
Semester-VI	DSE- Horticultural practices & Post-Harvest Technology

Online Mode of Teaching

Online classes have been taken for Honours students by using Zoom and Google Meet Apps. Study materials for all semesters have been provided in their whatsapp group. Internal assessment and regular assignment have been taken through their personal email id.

Research Collaborations

- i) Department of Zoology and Chemistry University of Burdwan
- ii) Post-Graduate Department of Geology, Durgapur Government College
- iii) Department of Zoology, Calcutta University

Publications

1. Saikat Mondal, **Debnath Palit***, Pinaki Chattopadhyay (2020), Impact of Mining on Tree Diversity of the Coal Mining Forest Area at Raniganj Coal Field Area of West Bengal, India. *Ecology, Environment and Conservation*. (In press).
2. Saikat Mondal, **Debnath Palit*** (2019), Evaluation of water quality using water quality index of pit lakes, Raniganj coal field area, West Bengal, India. *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences*.
<http://www.rjlbpcs.com/article-pdf-downloads/2019/28/656.pdf>
3. Saikat Mondal, **Debnath Palit*** (2019), Inventory of Plant Species, Phytosociology and Species Diversity of Gunjan Ecological Park Pit Lake, West Bengal, India. *International Journal of Scientific Research and Reviews*, 8 (2), 01-17.
https://www.ijssr.org/down_82562.php
4. Saikat Mondal, **Debnath Palit***, Pinaki Chattopadhyay (2019), Species diversity and vegetation structure of coal mine generated wasteland of Raniganj Coal Field, West Bengal, India. *International journal of current research and review*.
https://www.ijcrr.com/uploads/2617_pdf.pdf
5. Siboram Banerjee, Arnab Banerjee, **Debnath Palit*** (2018), Assessment of vegetation under air pollution stress in urban industrial area for green belt development in Durgapur, West Bengal, India. *International Journal of Environmental Science and Technology*, 16, 5827-5870.
<https://link.springer.com/article/10.1007/s13762-018-1963-9>
6. **Debnath Palit***, Saikat Mondal, Pinaki Chattopadhyay (2018), Analysing water quality index of selected pit-lakes of Raniganj Coal Field Area, India. *Environment and Ecology*, 36 (4A): 1167-1175.
https://www.researchgate.net/publication/334769745_Analyzing_Water_Quality_Index_of_Selected_Pit-Lakes_of_Raniganj_Coal_Field_Area_India

7. **Debnath Palit***, Debalina Kar, Ambarish Mukherjee (2018), Flowering and fruiting responses of the wetland macrophytes in Birbhum district, West Bengal, India. *The Asian Journal of horticulture*, 13(1):8-17.
[http://www.researchjournal.co.in/online/TAJH/TAJH%2013\(1\)/13_8-13_A.pdf](http://www.researchjournal.co.in/online/TAJH/TAJH%2013(1)/13_8-13_A.pdf)
8. **Debnath Palit***, Debalina Kar, Ambarish Mukherjee (2017), Developmental perspective of wetlands in Birbhum district, West Bengal, India. *Indian Journal of Applied Research*, 7(6): 484-486.
[https://www.worldwidejournals.com/indian-journal-of-applied-research-\(IJAR\)/fileview/June_2017_1496325441_143.pdf](https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/fileview/June_2017_1496325441_143.pdf)
9. **Debnath Palit***, Debalina Kar, Sharmila Roy Choudhury, Aparajita Mukherjee (2017), Sediment characterization on pit-lake water body of Raniganj Coal Fields, West Bengal, India. *Indian Journal of Applied Research*, 7(10): 555-557.
[https://www.worldwidejournals.com/indian-journal-of-applied-research-\(IJAR\)/fileview/October_2017_1506778122_134.pdf](https://www.worldwidejournals.com/indian-journal-of-applied-research-(IJAR)/fileview/October_2017_1506778122_134.pdf)
10. **Debnath Palit***, Debalina Kar, Sharmila Roy Choudhury, Aparajita Mukherjee (2017), Water Quality Assessment of Pit-Lakes in Raniganj Coalfields Area, West Bengal, India. *International Journal of Current Research and Review*, 9(11): 10-15.
https://www.ijcr.com/uploads/1219_pdf.pdf
11. **Debnath Palit***, Debalina Kar, Ambarish Mukherjee (2017), Studies on Macrophyte Diversity in Lalbandh Wetland, Birbhum, West Bengal, India. *International Journal of Interdisciplinary and Multidisciplinary Studies.*, 4(2): 198-203.
<https://www.semanticscholar.org/paper/Studies-on-Macrophyte-Diversity-in-Lalbandh-West-Palit-Kar/fb2e53c2d61523c3358e62d68e0eda5c14e79d22>
12. **Debnath Palit***, Debalina Kar (2017), A Study of physico-chemical characteristics of overburden dump soil in selected coal mining areas of Raniganj coal fields, West Bengal, India. *International Research Journal of Natural and Applied Sciences*, 4(6): 1-12.
13. **Debnath Palit***, Debalina Kar, Ambarish Mukherjee (2017), Studies on Grass Flora in the Wetland of Birbhum District, West Bengal, India. *Journal of Plant Sciences*, 12: 59-67
<https://scialert.net/abstract/?doi=jps.2017.59.67>
14. Payel Majumder, **Debnath Palit*** (2017), Isolation, Identification and Characterization of Bacteria of Coal Mine Soil at Sonepur Bazari of Raniganj Coalfield, West Bengal. *International Journal of Applied Environmental Sciences*, 12(6), pp. 1131-1140.
https://www.ripublication.com/ijaes17/ijaesv12n6_07.pdf
15. **Debnath Palit***, Arnab Banerjee (2016), Traditional uses and conservative lifestyle of lepcha tribe through sustainable bio resource utilization – case studies from Darjeeling and north Sikkim, India. *International Journal of Conservation Science*, 7(3): 735-752.
<https://pdfs.semanticscholar.org/accb/f0a9c4e5be66a34a40b34cd61da75d155118.pdf?ga=2.157054523.1054093384.1593798511-510288236.1593692900>
16. **Debnath Palit***, Aparajita Mukherjee, Debalina Kar, Sharmila Roy Choudhury, Babli Garai, Piyali Kar, P, Santanu Gupta (2016), Determinants of Pitlake Usage in Raniganj Coalfield Region, West Bengal: Implications for Sustainable Use. *International Journal of Innovative Research in Engineering & Management.*, 3(2): 72-79.
<https://www.ijirem.org/DOC/3fa51a771-e0c7-491e-92a2-3eb138ba995a.pdf>
17. Sanchita Banerjee, Debalina Kar, Arnab Banerjee, **Debnath Palit*** (2016), Studies on limnology and macrophytes in selected water bodies of Durgapur, West Bengal, India. *American Journal of Innovative Research and Applied Sciences*, 2(4): 174-180.
https://american-jiras.com/Abstract6_April2106.html
18. Debalina Kar, **Debnath Palit*** (2016), Natural occurrence of plant species on Bankola area of Raniganj Coalfield, West Bengal, India. *International Educational Scientific Research Journal*, 2(6): 37-38.

https://www.researchgate.net/publication/333701138_NATURAL_OCCURRENCE_OF_PLANTS_IN_BA_NKOLA

19. **Debnath Palit***, Debalina Kar , Sharmila Roy Choudhury , Aparajita Mukherjee, Babli Garai, Piyali Kar (2016), Species Composition of Plant Communities in Pitlakes of Raniganj Coal Field, West Bengal, India. *International Journal of Current Research in Biosciences and Plant Biology*, 3(6): 82-86.
<http://dx.doi.org/10.20546/ijcrbp.2016.306.010>
20. Debalina Kar, **Debnath Palit*** (2016), Assessment of plant species assemblages with their distribution in an open cast mining area of Raniganj Coalfield, West Bengal, India. *International Journal of Scientific & Engineering Research*, 7(7): 443-452.
<https://www.ijser.org/researchpaper/Assessment-of-plant-species-assemblages-with-their-distribution-in-an-open-cast-mining-area-of-Raniganj-coalfield-West-Bengal-India.pdf>
21. Siboram Banerjee, **Debnath Palit***, Arnab Banerjee, (2016), Changing Strategies of Biochemical and Physiological Features of Selected Plant Species on Effect of Air Pollution in Eastern Steel City, Durgapur, India. *International Journal of Current Microbiology and Applied Sciences* , 5 (9): 733-741.
<https://www.ijcmas.com/5-9-2016/Shiboram%20Banerjee,%20et%20al.pdf>
22. Minu Mishra, Arnab Banerjee, **Debnath Palit*** (2016), Variation of Nutrient Level in Soil and Leaf Litter of Selected Tree Species: A Case Study. *International Journal of Ecology and Environment*, 31(2): 99-111.
<http://www.ceser.in/ceserp/index.php/ijed/article/view/4325>
23. Payel Majumder, **Debnath Palit*** (2016), Microbial Diversity of Soil in Some Coal Mine Generated Wasteland of Raniganj Coalfield, West Bengal, India. *International Journal of Current Microbiology and Applied Sciences*, 5(2): 637-641.
<https://www.ijcmas.com/5-2-2016/Payel%20Majumder%20and%20Debnath%20Palit.pdf>
24. Aparajita Mukherjee, **Debnath Palit***, Santanu Gupta (2015), Rare record on Plaintive Cuckoo (*Cacomantis merulinus*) from a fresh water wetland of Bankura district, West Bengal, India. *Zoosprint*, XXX (3): 19-21.
<https://zoosprint.zooreach.org/index.php/zp/article/download/730/716>
25. Santanu Gupta, Aparajita Mukherjee, **Debnath Palit*** (2015), Reporting of (Sand?) Martin Riparia (riparia?) From Durgapur Barrage, West Bengal, India. *Zoosprint*, 30 (7):6-9
<https://www.zoosprint.zooreach.org/index.php/zp/article/view/768/754>
26. Tripti Bouri **Debnath Palit***, Ambarish Mukherjee (2015), Livelihood dependency of rural people utilizing non-timber forest product (NTFPs) in a moist deciduous forest zone, West Bengal, India. *International Journal of Advanced Research*, 3(4): 1030-1040.
http://www.journalijar.com/uploads/597_IJAR-4192.pdf
27. Tripti Bouri **Debnath Palit***, Ambarish Mukherjee (2014) An investigation of plant communities in Basudha beat of Durgapur forest range, West Bengal, India. *International Journal of Current Microbiology and Applied Sciences* 3 (9): 596-607.
<https://www.ijcmas.com/vol-3-9/Tripti%20Bouri,%20et%20al.pdf>
28. **Debnath Palit***, Arnab Banerjee, (2014), The Diversity and Richness of Vegetation of Gaddikhana Forest Beat in Darjeeling Himalaya, West Bengal, India. *International Journal of Latest Technology in Engineering, Management & Applied Science*, III(X): 106-112.
<https://www.ijltemas.in/DigitalLibrary/Vol.3Issue10/106-112.pdf>
29. **Debnath Palit***, Arnab Banerjee, (2014), Inventory of Plant Species, Phytosociology, Species Diversity and Pedological characteristics of Rambhi Beat, Senchal East Zone Forest Range, Darjeeling, West Bengal, India. *Journal of Forest Science*, 30(4): 331-341.
<https://doi.org/10.7747/JFES.2014.30.4.331>
30. Santanu Gupta, **Debnath Palit *** (2014), A Contribution to the Fish faunal status in

- wetlands of Birbhum District, West Bengal, India. *Asian Academic Research Journal of Multidisciplinary*, 1(28): 40-53.
https://www.researchgate.net/publication/261178223_A_Contribution_to_the_Fish_faunal_status_in_wetlands_of_Birbhum_District_West_Bengal_India
31. Santanu Gupta, **Debnath Palit** * (2014), Biosurveillance of wetlands in Eastern India (Birbhum, West Bengal) for wise use. *International Journal of Science, Environment and Technology*, 3(6): 2136 – 2144.
<http://www.ijset.net/journal/460.pdf>
 32. Santanu Gupta, **Debnath Palit** *(2014), Preliminary Assessment of Designated Usages/ Effective Wetland Management Strategies (EWMS) in Wetlands of Birbhum District, West Bengal, India. *Journal of Environmental Science, Computer Science and Engineering & Technology*, 3(4): 1881-1894.
https://www.researchgate.net/publication/268924578_Preliminary_Assessment_of_Designated_Usages_Effective_Wetland_Management_Strategies_EWMS_in_Wetlands_of_Birbhum_District_West_Bengal_India
 33. Debalina Kar, **Debnath Palit*** (2014), Phyto-Diversity on Selected Coal Mine Areas of Raniganj Coalfields, India. *International Journal of Green and Herbal Chemistry*, 3(1): 049-055.
https://www.researchgate.net/publication/333700910_PHYTODIVERSITY_OF_SELECTED_COAL_MINES
 34. Santanu Gupta, **Debnath Palit***. (2014), A study on wetlands in Birbhum district, West Bengal, India. *Journal of Applied Sciences in Environmental Sanitation*, 9(2):79-84.
 35. Debalina Kar, **Debnath Palit*** (2014), Perception Regarding Reclamation Strategies in Coal Mine of RCF in West Bengal - A Case Study from India: Implications for Future Development Perspectives in Wasteland Eco restoration. *Journal of Applied Technology in Environmental Sanitation*, 4(1): 1-6.
https://www.researchgate.net/publication/261177953_Perception_Regarding_Reclamation_Strategies_in_Coal_Mine_of_RCF_in_West_Bengal_-_A_Case_Study_from_India_Implications_for_Future_Development_Perspectives_in_Wasteland_Eco_restoration
 36. Debalina Kar, Arnab Banerjee, **Debnath Palit*** (2014), Studies on Phyto-diversity of different types (OCP, PIT, INCLINED) of mines in Raniganj coalfield area, West Bengal, India. *Asian Academic Research Journal of Social Science and Humanities*. 1(19): 515-522.
https://www.researchgate.net/publication/334681002_STUDIES_ON_PHYTODIVERSITY_OF_DIFFERENT_TYPES_OCP_PIT_INCLINED_OF_MINES_IN_RANIGUNJ_COALFIELD_AREA_WEST_BENGAL_INDIA
 37. **Debnath Palit***, Aparajita Mukherjee, Santanu Gupta, Debalina Kar (2014), Water quality in the pit lakes of Raniganj coal field, West Bengal, India. *Journal of Applied Sciences in Environmental Sanitation*, 9(1): 1-6.
 38. Partha Sarathi Basu , **Debnath Palit***, Arnab Banerjee (2013), Assessment of Diversity and Resource Potential of Non-Timber Forest Product (NTFP) in Selected Sites of Bishnupur Forest Division of Bankura District, West Bengal, India, *New York Science Journal*, 6(5): 46-53.]
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 39. Tripti Bouri, **Debnath Palit***, Ambarish Mukherjee (2013), Phytosociology and Pedological characteristics of selected beats of Durgapur forest range, W.B, India. *Communications in Plant Science*, 3(3-4): 37-45.
<https://doaj.org/article/4c891ba297f1469388ee3a527aec9bac>
 40. Mousumi Garai, Debalina Kar, **Debnath Palit***, Arnab Banerjee (2013), Phytosociological Assessment of Vegetation of Durgapur Government College Campus, Durgapur, West

- Bengal. India. *International Journal of Engineering Research and applications*, 3(6): 835-840.
http://www.ijera.com/papers/Vol3_issue6/EK36835840.pdf
41. Santanu Gupta, **Debnath Palit*** (2013), Effect of Limnochemical Variables on the Aquatic Macrophyte Composition in Wetlands of Birbhum District. *Pollution Research*, 32(4) : 737-742.
http://www.envirobiotechjournals.com/article_abstract.php?aid=4766&iid=165&jid=4
 42. Santanu Gupta, **Debnath Palit*** (2013), Inventory and characterization of wetlands in Birbhum district, West Bengal, India: implications for conservation. *Ecology, Environment and Conservation*, 19(4): 995-1000.
http://www.envirobiotechjournals.com/article_abstract.php?aid=4811&iid=166&jid=3
 43. Santanu Gupta, **Debnath Palit***, Aparajita Mukherjee, Debalina Kar (2013), Inventory of Pit Lakes in Raniganj Coal Field, West Bengal India. *Journal of Applied Technology in Environmental Sanitation*, 3(1): 55-60.
 44. Santanu Gupta, Aparajita Mukherjee, **Debnath Palit***, Paromit Chatterjee, Indrani Biswas (2013), A Reporting on Wire Tailed Swallows (*Hirundosmithii*) winter visit to Durgapur Barrage, West Bengal, India. *Zoosprint*, 28(8): 22-24.
 45. **Debnath Palit***, Arnab Banerjee (2013), Species Diversity and Pedological Characteristics in Selected Sites of Senchal Wildlife Sanctuary, West Bengal, India. *Journal of Environment and Ecology*, 4(1): 111- 137.
https://www.researchgate.net/publication/261178044_Species_Diversity_and_Pedological_Characteristics_in_Selected_Sites_of_Senchal_Wildlife_Sanctuary_West_Bengal_India
 46. **Debnath Palit***, Debalina Kar, Priyanka Mishra, Arnab Banerjee, (2013), Assessment of Air Quality Using several Biomonitors of selected sites of Durgapur, Burdwan District by Air Pollution tolerance index approach. *Indian Journal of Scientific Research*, 4(1): 149-152.
https://www.ijsr.in/upload/744301032CHAPTER_27.pdf
 47. Aparajita Mukherjee, **Debnath Palit*** (2013), Appraisal of Use Pattern in Wetlands of Bankura, a Drought Prone Region from Eastern India. *Journal of Applied Technology in Environmental Sanitation*, 3(4): 141-146.
https://www.researchgate.net/profile/Aparajita_Mukherjee/publication/257956791_Appraisal_of_Use_Pattern_in_Wetlands_of_Bankura_a_Drought_Prone_Region_from_Eastern_India/links/00b7d529debdea4aa5000000/Appraisal-of-Use-Pattern-in-Wetlands-of-Bankura-a-Drought-Prone-Region-from-Eastern-India.pdf
 48. **Debnath Palit***, Santanu Gupta, Arnab Banerjee, Aparajita Mukherjee (2013), Macro invertebrate Community- Environmental Interrelationship in Selected Lotic Ecosystem from Durgapur, West Bengal, India. *Journal of Applied Sciences in Environmental Sanitation*, 8(4): 231-236.
 49. **Debnath Palit***, Santanu Gupta, Arnab Banerjee, Aparajita Mukherjee (2013), Aquatic Macro invertebrate Diversity Based Bio monitoring of Selected Lotic Environments in Durgapur, West Bengal, India: Implications for Ecological Health Status Prediction. *Journal of Applied Technology in Environmental Sanitation*, 3(3): 117-122.
 50. Sharmila Roy Choudhury **Debnath Palit***, Arnab Banerjee (2013), Assessment of zooplankton diversity in relation to physico-chemical parameters of water in selected water bodies of Durgapur Industrial region, West Bengal, India. *Asian Journal of Water, Environment and Pollution*, 10(4): 99-115.
<https://content.iospress.com/articles/asian-journal-of-water-environment-and-pollution/ajw10-4-11>
 51. Sanchita Banerjee, Debalina Kar, Arnab Banerjee, **Debnath Palit*** (2012), Utilization of some aquatic macrophytes in Borobandh-a lentic water body in Durgapur, West Bengal, India: Implications for socio-economic Up-liftment of local stakeholder. *Indian J. Applied & Pure Bio.* 27(1): 83-92.
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- [n Borobandh-a lentic water body in Durgapur West Bengal India Implications for socio-economic upliftment of local stakeholder](#)
52. Shyamali Das, Sudin Pal, **Debnath Palit,*** (2012), An Insight into the Physico-Chemical characteristics of Water and Soil along with Macrophyte Diversity in Kathgola Dighi: A Freshwater Wetland in Jalpaiguri District, West Bengal, India. *Journal of Biodiversity and Ecological Sciences*, 2(3): 189-195.
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 53. **Debnath Palit,*** Santanu Gupta (2012), Seasonal Changes in Limnological Parameters and Macrophyte Diversity Associated with Wetlands in Birbhum District, West Bengal, India. *Indian Journal of Plant Science*, 1(2-3): 97-115.
<https://www.cibtech.org/J-Plant-Sciences/PUBLICATIONS/2012/Vol-1-No-2&3/10-016...Palit...Seasonal...District.pdf>
 54. **Debnath Palit,*** Aparajita Mukherjee (2012), Studies on water quality and macrophyte composition in wetlands of Bankura district, West Bengal, India. *Indian Journal of Plant Science*, 1(2-3): 221-228.
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 55. **Debnath Palit,*** Debalina Kar, Santanu Gupta, Aparajita Mukherjee (2012), A comparative study of soil of different Coal Mines in RCF. *Indian Journal of Environmental Protection*, 32(6): 471-477.
<https://www.researchgate.net/publication/256980789> [A Comparative Study of Soil of Different Mine Types OCP Pit Inclined in and Around Ranigunj Coal Field Area West Bengal](#)
 56. **Debnath Palit,*** Sudin Pal (2012), An investigation on mural plant diversity in Darjeeling Government College campus and adjoining areas, Darjeeling, West Bengal. *NeBio*, III (2): 58-62.
<https://www.researchgate.net/publication/261178043> [An investigation on mural plant diversity in Darjeeling Government College campus and adjoining areas Darjeeling West Bengal](#)
 57. **Debnath Palit,*** Sudin Pal, Soma Chanda (2012), Diversity and richness of plants in Darjeeling Himalaya with an eye on Gaddikhana forest beat, Senchal east zone forest range, Darjeeling. *Indian Journal of Forestry*, 35(1): 39-44.
 58. Debalina Kar, Arnab Banerjee, **Debnath Palit,*** (2011) Assessment of Water Quality of Some Selected sites of Durgapur Industrial Belt, West Bengal, India through Distribution and Abundance of Larval Chironomidae in Relation with Physicochemical Characteristics of Water. *International Journal of Lakes and Rivers*, 4 (2): 177-198.
<https://www.researchgate.net/publication/261177936> [Assessment of Water Quality of Some Selected Sites of Durgapur Industrial Belt West Bengal India through Distribution and Abundance of Larval Chironomidae in Relation with Physicochemical Characterist](#)
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 60. **Debnath Palit,*** Sudin Pal, Joydeep Acharya (2011), Tea-Garden Weeds of Happy Valley Tea Estate, Darjeeling, West Bengal: Ecological and Economic Aspects. *Journal of Economic and Taxonomic Botany*, 35(2): 412-417.
 61. Gopal Goswami, Sudin Pal, **Debnath Palit,*** (2010), Studies on the Physico-Chemical characteristics, Macrophyte Diversity and their Economic Prospect in Rajmata Dighi: A wetland in Cooch Behar District, West Bengal, India. *NeBIO*, 1(3): 21-27.

62. Mousumi Kundu, Sudin Pal, **Debnath Palit,* (2010)**, A contribution on the plant diversity in 6th Mile Beat, Senchal East Zone Forest Range, West Bengal, India. *Journal Swamy Botanical Club*, 27: 85-92.
63. Sudin Pal, **Debnath Palit,* (2010)**, Traditional knowledge and bio resource utilization among Lepcha in North Sikkim. *NeBIO*, 2(1): 13-17.
64. **Debnath Palit,*** Mayukh Mukherjee, Pipasha Borah (2010), Warfare's: Our Decaying Climate. *Communique*, 4(1): 71-80.
65. Nilu Tamang, **Debnath Palit,* (2010)**, An ethno botanical study on the Lepchas in North Sikkim. *Pleione*, 4(1): 63-68.
66. Soma Chanda, **Debnath Palit,* (2009)**, Plant diversity indices and pedological characteristics of Ragiroom Beat, Senchal West Zone Forest Range, Darjeeling, West Bengal, India. *Pleione*, 3(1): 50-58.
67. **Debnath Palit,*** Shyamali Das, Papia Nandy Palit (2009), Studies on physico-chemical characteristics of soil and water in Kathgola Dighi, a wetland near Falakata, Jalpaiguri, West Bengal. *Indian Journal of Landscape Systems Ecological Studies*, 32(1): 149-1154.
68. **Debnath Palit,*** Sulochana Gurung (2008), Some phytoremedies used traditionally by Gurungs in Darjeeling, West Bengal, India. *Pleione*, 2(2): 171-174.
69. Papia Nandy Palit, **Debnath Palit,* (2008)**, Ecological investigation on wetlands of Birbhum District, West Bengal. *Indian Journal of Landscape Systems Ecological Studies*, 31(2): 112-117.
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71. **Debnath Palit,*** Ambarish Mukherjee (2007), An inventory of wetlands in Birbhum District, West Bengal and their successional characteristics. *Environment and Ecology*, 25 (I): 173-176.
72. **Debnath Palit,*** Gautam Bala, Ambarish Mukherjee (2006), Sedges in wetlands of Birbhum District, West Bengal. *Flora and Fauna*, 12(2): 269-274.
73. **Debnath Palit,*** Gautam Gangly, Ambarish Mukherjee. (2002), Ecological studies on Ramnabagan Wildlife Sanctuary, Burdwan: 1-Biological Spectrum. *Science and Culture*, 68(5-6): 147-149.
74. **Debnath Palit,*** Ambarish Mukherjee (2001), Angiosperm diversity in wetlands of Birbhum District, West Bengal. *Bulletin National Institute Ecology*, 11: 55-67.
75. **Debnath Palit,*** Ambarish Mukherjee (2001), Foliar and pollen characters of *Solanum nigrum* L. and *Croton bonplandianum* Baill. in evaluation of purity of air. *Environment and Ecology*, 19(1): 182-185.
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77. Sujit Mandal, Dipen Mondal, **Debnath Palit,* (2000)**, A preliminary survey of wetland plants in Purulia District, West Bengal. *Indian Journal of Applied and Pure Biology*, 18(2): 247-252.
78. Baishali Pal, **Debnath Palit,*** Ambarish Mukherjee (2000), Plant diversity in mural habitats of Hooghly District, West Bengal. *Geobios*, 27(4): 177-180.

Books

1. **Debnath Palit (2013)**, Senchal Forest: Assessment of Phyto Diversity and Soil Status, ISBN: 978-3-659-44629-0, Lambert Academic Publishing.
<https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-659-44629-0/senchal-forest:-assessment-of-phyto-diversity-and-soil-status>
2. **Debnath Palit** Debalina Kar , Aparajita Mukherjee, Santanu Gupta (2014), Pitlakes of Raniganj Coal Field, W.B, India. Inventory and Water Quality Status. GRIN Publishing. Munich, GmbH, ISBN: 978-3-656-62128-7.
3. Debalina Ka, **Debnath Palit**, Sudip Chatterjee (2013), Interrelationship between Chironomid, water and Soil: Bio monitoring assessment. Lambert Academic Publishing, ISBN: 978-3-659-48785-9.
4. **Debnath Palit**, Arnab Banerjee (2013), Bio monitoring and green belt development in Durgapur. Lambert Academic Publishing, ISBN-978-3-659-50467-9

Book Chapters:

1. **Debnath Palit** , Debalina Kar (2019), A contemplation on pit lakes of Raniganj Coal Field Area: West Bengal, India. In: M.K. Jhariya, A. Banerjee, R. S. Meena and D. K. Yadav (Eds.) *Sustainable Agriculture, Forest and Environmental Management*, ISBN: 978-981-13-6829-5, pp. 517-572. Springer.
2. Debalina Kar, **Debnath Palit.** (2019), Phytoremediation- an advance approach for stabilization of coal mined wastelands. In: M.K. Jhariya, A. Banerjee, R. S. Meena and D. K. Yadav (Eds.) *Sustainable Agriculture, Forest and Environmental Management*, , ISBN: 978-981-13-6829-5, pp. 573-606. Springer.
3. Mondal, S. and **Palit, D.** (2019), Effective Role of Microorganism in Waste Management and Environmental Sustainability. In: M.K. Jhariya, A. Banerjee, R. S. Meena and D. K. Yadav (Eds.) *Sustainable Agriculture, Forest and Environmental Management*, ISBN: 978-981-13-6829-5, pp. 485-516. Springer.
4. Debalina Kar, **Debnath Palit.** (2019), Phytoremediation of Coal Mine Based Wastelands: An Approach in the Raniganj Coalfield (RCF). In: A. Banerjee, M.K. Jhariya, D.K. Yadav and A. Raj (eds.) *Agroforestry and Climate Change: Issues and Challenges* . ISBN: 978-1-77188, pp .239-278. Apple Academic Press. CRC Press, A Taylor & Francis Group.
5. Siboram Banerjee, **Debnath Palit.** (2020), Role of higher plants for air pollution mitigation in urban industrial areas, In: A. Banerjee, M.K. Jhariya, D.K. Yadav and A. Raj (eds.) *Environmental and sustainable development through Forestry and other resources*. ISBN: 978-1771-888110, pp. 101-136. Apple Academic Press. CRC Press, A Taylor & Francis Group .
6. **Debnath Palit**, Anjan Roy Chaudhury (2020), Contributions of pit lakes to the socio-economic status: a case study of the Raniganj Coal Field Area, In: *Environmental and sustainable development through Forestry and other resources*, ISBN: 978-1771-888110, pp. 167-194. Apple Academic Press. CRC Press, A Taylor & Francis Group.
7. Pallavi Chattopadhyay, Pinaki Chattopadhyay, **Debnath Palit** (2020), Effect of environmental pollution on health and its prevention: an overview, In: A. Banerjee, M.K. Jhariya, D.K. Yadav and A. Raj (eds.) *Environmental and sustainable development through Forestry and other resources*. ISBN: 978-1771-888110, pp 229-266. Apple Academic Press. CRC Press, A Taylor & Francis Group.
8. Pinaki Chattopadhyay, Pallavi Chattopadhyay, **Debnath Palit** (2020), Innovative approach to sustainable development and biodiversity conservation, In: A. Banerjee, M.K. Jhariya, D.K. Yadav and A. Raj (eds.) *Environmental and sustainable development through Forestry and other*

- resources*. ISBN: 978-1771-888110, pp. 267-304. Apple Academic press. CRC Press, A Taylor & Francis Group.
9. Saikat Mondal, **Debnath Palit (2020)**, Prospects of Biotechnology for a Sustainable Environment, In: A. Banerjee, M.K. Jhariya, D.K. Yadav and A. Raj (eds.) *Environmental and sustainable development through Forestry and other resources*. ISBN: 978-1771-888110, pp. 305-344. Apple academic press. CRC Press, A Taylor & Francis Group.
 10. Debalina Kar, **Debnath Palit (2017)**, Species composition and diversity of vegetation developing on an age series of coal mine spoil in an open cast coal field in Raniganj, India. In: D.K. Srivastava (Eds.) *Recent trends in Biological Research*, ISBN: 978-81-932209-0-0, pp. 389-402. Global Academic Society of India, Lucknow, India.
 11. **Debnath Palit, Ambarish Mukherjee, Santanu Gupta (2016)**, Bio resources and Socio-economic developmental plans (SDPs) in wetland ecosystem – a case study. In G.K Saha (Eds.) *Indian Wetlands: Crisis and Option*. ISBN: 978-81-85211-98-5, pp.171-185. Astral International Pvt. Ltd. New Delhi, India.
 12. **Debnath Palit (2015)**, Ecological appraisal of pitlakes of Raniganj Coal Field (RCF), West Bengal, India: Implications for conservation and sustainable use. In. S.A. Rahaman and K.Das (Eds.) *Globalization, Environment and Sustainable Development-Indian Perspectives*, ISBN: 978-93-83458-03-5, pp. 28-37. Chandidas Mahavidyalaya, Birbhum, West Bengal.
 13. **Debnath Palit, Arnab Banerjee (2015)**, Bio fertilizers-The future of Indian Agriculture. In P. Mallick and Mukherjee (Eds.). *Bio-fertilizer and Bio-manure for sustainable agriculture*. ISBN: 978-81-925800-7-4, pp. 132-153. Damodar Group, Burdwan.
 14. **Debnath Palit, Arnab Banerjee (2012)**, Eco-literacy and Sustainable Living. In .C.Gurung and J.B, Bhandari (Eds.) *Eco-conservation And Sustainable Living*. ISBN: 9788184872163, pp. 85-110.Narosa Publishing House, New Delhi.
 15. **Debnath Palit (2009)**, Bioremediation of Environmental Degradation: A sustainable Approach for Eco restoration. In. Datta, J.K. and Ghosh, A.R. (eds) *Environment: Issues and Challenges*. Vol: 3, pp. 107- 114.Academic Staff College, The University of Burdwan.
 16. **Debnath Palit, Ambarish Mukherjee (2007)**, Biosensors: an appraisal of its operation and applications. In. Misra and Juwarkar (eds.) *Environmental Biotechnology*. ISBN: 8131301850, pp. 55-82 A P H Publishing Corporation, New Delhi.
 17. **Debnath Palit, Ambarish Mukherjee (2006)**, Resourceful aspects of the waste In: Misra, Kim and Saxena (eds.), *Environmental Issues and Options*. ISBN: 8170354315, pp. 49-75. Daya Publishing House, Delhi,
 18. Ambarish Mukherjee, **Debnath Palit (2002)**, Wetland perspectives- contemplation. In: G. Tripathy and Y.C. Tripathy (ed.), *Bioresource and Environment*. ISBN: 9788180300080, pp .89-107. Campus Books International
 19. Ambarish Mukherjee, **Debnath Palit (2002)**, Biodiversity perspectives –an envision of the scenario. In: G. Tripathy and Y.C. Tripathy (ed.), *Bioresource and Environment*. ISBN: 9788180300080, pp .304-316. Campus Books International.
 20. Ambarish Mukherjee, **Debnath Palit (2002)**, Macrophyte diversity in wetland of Birbhum District, West Bengal. Economic Prospect. In: L.K. Dadhich and A.P.Sharma (eds), *Biodiversity, Strategies of Conservation*. ISBN: 817648315X, pp..245-263. APH Publishing Corporation, New Delhi.
 21. Ambarish Mukherjee, **Debnath Palit (2001)**, Eco restoration of Mined Wasteland: An overview. In: A. K. Roy and S. K. Varma (eds), *Wasteland Management and Environment*. ISBN: 978817233236X, pp. 181-188. Scientific Publishers (India

Conference Proceedings:

1. Debapriya Dutta, **Debnath Palit (2020)**, Study on floral composition of Dalurbandh :a freshwater pit lake in Raniganj Coal Fields, West Bengal, India. *Proceedings of International Biodiversity Congress (IBC 2018) Volume IV* | pp. 1-5
2. Santanu Gupta, **Debnath Palit**, Ambarish Mukherjee (2014), Comprehensive restorative approach for conservation and management of wetlands in Birbhum district, West Bengal, India. In A.K. Sanyal, S.K Gupta, & S. Manna. *Biodiversity and Livelihood*. ISBN: 978-93-92258- 17-9
3. Aparajita Mukherjee, **Debnath Palit (2014)**. Studies on the livelihood dependency of local stakeholders on wetland bio resources in Bankura district, West Bengal, India. In A.K. Sanyal, S.K Gupta, & S. Manna. *Biodiversity and Livelihood*. ISBN: 978-93-92258-17-9, pp. 401-409
4. Debalina Kar, **Debnath Palit (2014)**, Ecological appraisal of Pit lakes of Raniganj coal field (RCF), West Bengal, India: Implications for Conservation and Sustainable use. . In A.K. Sanyal, S.K Gupta, & S. Manna. *Biodiversity and Livelihood*. ISBN: 978-93-92258-17-9, pp. 395-400
5. Partha Sarathi Basu, **Debnath Palit**, Arnab Banerjee (2011), Joint Forest Management –a new vista towards natural forest management. *Indian Science News*. Pp. 135-142.
6. Aditi Pal, Arnab Banerjee, **Debnath Palit (2011)**, Precision Farming –a new vista towards natural resources management. *Indian Science News*. pp. 131-134.
7. Sanjib Das, **Debnath Palit (2012)**, Studies on plant species diversity and pedological characteristic of Rambh Forest Beat, Senchal East Zone Forest Range, Darjeeling. In. G.G. Maiti and S. Mukherjee (Eds.) *Multidisciplinary Approaches in Angiosperm Systematics*. ISBN: 978-93-5067-867 -1, pp-532-540. Kalyani University, Kalyani.
8. Sulochana Gurung, **Debnath Palit (2007)**, Medicinal plant lore among Lepchas in Darjeeling District, West Bengal, India. Proc. National Symposium on Medicinal and aromatic plants for Economic Benefit of Rural People (MAPER) Pp 37-41. Ramakrishna Vivekananda Mission Institute of Advanced Studies, Kolkata.

Guidance of Ph.D. Scholars

1. Santanu Gupta (*Awarded: 2016, The University of Burdwan*) Assessment of Ecological and Socioeconomic Valuation of Wetlands in Birbhum District, West Bengal, India for conservation and sustainable use, **Ph.D Guide: Dr. Debnath Palit**
2. Aparajita Mukherjee (*Awarded: 2016, The University of Burdwan*) Studies on the ecological and socio-economic services of wetlands to the rural people of Bankura district, West Bengal, India, **Ph.D Guide: Dr. Debnath Palit**
3. Debalina Kar (*Awarded: 2016, The University of Burdwan*) Phytoremediation of some selected wastelands in colliery belt of Raniganj, West Bengal, India, **Ph.D Guide: Dr. Debnath Palit**
4. Shiboram Banerjee (*Awarded: 2020, The University of Burdwan*) Air Quality Monitoring Using Available Plant Species of Durgapur Industrial Township, West Bengal, **Ph.D Guide: Dr. Debnath Palit**

Research Scholars who have submitted Ph.D thesis

1. Payel Majumder [DST, Government of India INSPIRE Fellow.] (2013) *Studies in microbial diversity through time of coal mine generated wastelands of West Bengal in understanding their role in soil reclamation.* (Registered under The University of Burdwan) [**Waiting for open viva voce in connection with Ph.D degree**]
2. Babli Garai (*Registration (2015): The University of Burdwan*) Succession of Plant Diversity based on selected pit lakes of Raniganj Coal fields, India, [Submitted Thesis on 12th February, 2020] **Ph.D Guide: Dr. Debnath Palit**

Sponsored Research projects

1. **Dr. Debnath Palit** (PI), "Eco-friendly technology for restoration mined wastelands in Raniganj Colliery areas", UGC Minor Research Project (Sanction letter No. PSW- 017/09-10 (ERO) dated 08.10.2009) Sanctioned: Rs. 93500/- ; Tenure: 2009-2011.
2. **Dr. Debnath Palit** (PI), "Ecological and limnological investigations on wetlands of Bankura District: implications for promoting sustainable management and wise use of wetlands'. UGC Minor Research Project (Sanction letter No. PSW- 008/12-13 (ERO) dated 05.02.2013) Sanctioned: Rs. 95000/- ; Tenure: 2013-2015
3. **Dr. Debnath Palit** (Co-PI), " Integrated Project on Conservation, Demonstration and Training on sustainable use of Medicinal Plants for up gradation of Livelihood of the poor families of backward classes in Bankati Gram Panchayat area, Burdwan District, West Bengal", Department of Science & Technology, Government of West Bengal, Implemented at The University of Burdwan; Total grant: Rs. 21,00,000/- Tenure: 2010-2014.
4. **Dr. Debnath Palit** (PI), "Ecological appraisal of pit lakes of Raniganj coal field (RCF), West Bengal, India: implications for conservation and sustainable use", Department of Science & Technology, Government of West Bengal, Rs. 29, 17,533/- Tenure: 2014-2017.
5. **Dr. Debnath Palit** (PI), " Eco-restoration of wetlands in Birbhum district, West Bengal for sustainable use", Department of Environment, Government of West Bengal, Rs. 4,60,000/-; Tenure: 2010-2013.

Guidance of M.Sc. Projects

Supervised Dissertation work for M.Sc. in Botany at Darjeeling Govt. College under University of North Bengal and Post Graduate Department of Conservation Biology, Durgapur Government College under The University of Burdwan and Kazi Nazrul University.

University	Topic of Dissertation	Academic Session
University	Study of wall flora of Darjeeling Govt. College campus and adjoining areas	2002-2003
	Ecological study of Tea Garden Weeds in Happy Valley Tea Estate Darjeeling	2003-2004
	Phytosociology and soil characteristics in Senchal East Zone Forest Range, Darjeeling.	2004-2005
	Vegetation vis-a -vis soil of Gaddikhana Forest Areas, Darjeeling.	2004-2005
	Ecological study of Rajmata Dighi, a wetland in Cooch-behar District, West Bengal.	2004-2005

of North Bengal	Ethno botanical study with special reference to some tribal communities in Darjeeling Hill areas.	2004-2005
	Phytosociology and pedological characteristics of forest soils of Rambh Forest Beat, Senchal East Zone Forest Range, Darjeeling.	2005-2006
	Ecological study on the plant diversity and influence of vegetation on the properties of soil in Rangirum Forest Beat, Senchal West Zone Forest Range, Darjeeling.	2005-2006
	Ecological study on Chatterjee Dighi, a wetland in Falakata, Jalpaiguri	2006-2007
	Ethnobotanical implications of plants among Lepchas in East Sikkim.	2006-2007
	Eco-taxonomic study on <i>Polygonum</i> in different altitudes ranging from tropical to temperate realms.	2006-2007
	Environmental Impact assessment from a copper mining industry in Roogpu, Sikkim.	2006-2007
The University of Burdwan	The Effect and Evaluation of Toxicity of Municipal sewage Water on Colonization Rate and Community Structure of Zooplankton : A Microcosm Study	2007-2009
	Seasonal & Temporal Variation of Entomofaunal Diversity with Reference to Different Light Condition	2007-2009
	People's Dependency on Bioresources A Socio-Economic Survey in Durgapur Subdivision of West Bengal	2007-2009
	The diversity of Aquatic Macro invertebrates as an indicator of water quality and ecosystem health: A case study for Durgapur, West Bengal, India.	2008-2010
	A study on the avifaunal diversity of Satragachi wetland (Ramsar site) West Bengal India.	2008-2010
	Comparative study on the aquatic macrophyte diversity in lentic and lotic ecosystem from urban areas of Durgapur, West Bengal, India	2008-2010
	A preliminary study on the aquatic macro invertebrate diversity in different lentic and lotic environments from Durgapur, West Bengal, India	2008-2010
Kazi Nazrul University	A study on the zooplankton diversity in relation to physicochemical parameters of different lentic and lotic environments from Durgapur, West Bengal, India.	2008-2010
	Composition, diversity and economic prospects of plants in and around Dalurbandh, a fresh water Pit lake in Raniganj Coal Field Areas (RCF), West Bengal	2017-2018
	Floristic composition and vegetation structure in Roopganj Forest Beat, Durgapur Forest Range, Burdwan Forest Division, West Bengal	2018-2019
	Assessment of vegetation structure and estimation of Carbon storage potential of dominant species in Pardaha Natural Forest, Durgapur Forest Division, West Bengal	2018-2019

Paper Presentation in seminar/conference/symposium/workshop/discussion meeting

1. Presented a paper in the National Seminar on Recent Trends of Research in Environmental Botany organized by The Department of Botany and Forestry, Vidyasagar University, Midnapore, W.Bengal. 27th March, 1999

2. Presented a paper in the Seminar on Information Technology for Rural Development organized by USIC, Burdwan University and IEEE, Calcutta Section, Calcutta on 2nd September 1999 at Burdwan University.
3. Presented a paper in the National Conference on Plants, Microbes and Environment organized by the Department of Botany, Burdwan University on 11th and 12th March, 2000 at Burdwan University, Burdwan
9. Presented a paper in the National Symposium on Medicinal and aromatic plants for Rural People (MAPER), Orgd. By Ramakrishna Vivekananda Mission Institute of Advanced Studies, Kolkata, on 16-18th February, 2007.
4. Presented a paper in the National Conference on Wetlands, Science and Society- an assessment of their integration. Orgd. by Delhi University Botanical Society, Delhi. December 11-13.
5. Presented a paper in the International Seminar on Multidisciplinary Approaches in Angiosperm Systematics. Orgd. by Kalyani University, Kalyani. October 11-13, 2008
6. Presented a paper in the International Symposium on Angiosperm Systematics and Phylogeny: Retrospects & Prospects. Orgd. by National Botanical Research Institute , Lucknow, November 12-14, 2009.
7. Presented a paper in the National Symposium on Diversity, Conservation and Sustainable Utilization of Plants and Traditional Knowledge in Eastern Himalaya. Orgd. by Department of Botany University of North Bengal and East Himalayan Society for Spermatophyte Taxonomy December 14-16, 2010
8. Presented a paper in the National Symposium on Globalization, Environment and Sustainable Development. Orgd. by Department of Economics and Commerce, Chandidas Mahavidyalaya, Khujutipara, Birbhum, March, 25-26 14-16, 2015

Participation in faculty development programmes

1. 52nd Orientation Programme (From March 03 to March 30, 2005) organized by the Academic Staff College, Burdwan University, Burdwan
2. 16th Refresher Course in Environmental Science (From August 22 to September 09, 2009) organized by the Academic Staff College, Burdwan University, Burdwan
3. 1st Summer school in Life sciences (From September,05 2013 to September 25, 2013) organized by the Academic Staff College, Burdwan University, Burdwan
4. 11th Workshop on Quality Culture in Higher Education (From November 02 to November 04, 2010) organized by the Academic Staff College, Burdwan University, Burdwan
5. "Workshop for Academic Administrators" (From April 16 to April 20, 2013) organized by the Academic Staff College, Burdwan University, Burdwan

Organization of events (Durgapur Government College)

1. National level e-poster competition in COVID19 lockdown on "March towards better future with clean environment" as a collaborative initiative of IQAC and P.G. Department of Conservation Biology, Durgapur Government College and Durgapur Wildlife Information and Nature Guide Society (Govt. Regd.) from 5th June (World Environment Day) to 12th June, 2020. (Dr. Debnath Palit, (*Vice Patron*))
2. DST-Government of West Bengal sponsored national seminar (26-27 March 2019) on "Contemporary Era of Sciences: Biological and Chemical Interface" organized by

Membership of State/National/International level; academic body of repute

1. Life Membership of International Academy of Science and Research, Kolkata, India
2. Member of Review committee in respect of rapid Socio-Economic and environmental impact studies by National Water Development Agency (Ministry of Water Resources, Government of India) for proposed Farakka-Sundarban Link Project
3. Member of Review committee in respect of rapid Socio-Economic and environmental impact studies by National Water Development Agency (Ministry of Water Resources, Government of India) for proposed Ganga -Damodar - Subarnarekha Link Project.
4. Life Member, National Environmental Science Academy, New Delhi
5. Natural Member, East Himalayan Society for Spermatophyte Taxonomy, Department of Botany, North Bengal University, Siliguri, Darjeeling.
6. Life Member, The Zoological Association of Burdwan, Sarat Pally, Burdwan
7. Member, Adhoc Board of Research Studies (BRS) in Conservation Biology, Burdwan University
8. Member, Adhoc Board of Research Advisory Committee (RAC) in Conservation Biology, Burdwan University
9. Member, Under Graduate Board of Studies (UGBS) in Botany, Kazi Nazrul University, Asansol (2016-2019)
10. Member, Governing Body of Michael Madhusudan Memorial College, Durgapur, University Nominee from Kazi Nazrul University, Asansol
11. Member, Finance Committee of Michael Madhusudan Memorial College, Durgapur,
12. Member, Internal Quality Assurance Cell (IQAC) of Michael Madhusudan Memorial College, Durgapur,
13. Member, Governing Body of Durgapur Government College Durgapur, Teachers Representative
14. Member, Internal Quality Assurance Cell (IQAC) of Durgapur Government College, Durgapur
15. Course Convener of Botany, Kazi Nazrul University, Asansol
16. Chief Coordinator of Botany, Kazi Nazrul University, Asansol
17. Chairperson, Under Graduate Board of Studies (UGBS) in Botany, Kazi Nazrul University, Asansol (2020-2024)

Administrative Experience

1. Served as Officer-in-Charge, Durgapur Government College, Durgapur, West Bengal, from 19th October, 2011 to 20 August, 2013
2. Served as Centre -in-Charge, Netaji Subhas Open University Study centre (PG Department of Zoology) at Durgapur Government College, Durgapur, West Bengal, from 19th October, 2011 to 20 August, 2013

3. Served as Centre -in-Charge, Netaji Subhas Open University Study centre (Bachelor Degree Programme and Post Graduate Programme) at Durgapur Government College, Durgapur, West Bengal, from July 2012 to 20 August , 2013
4. Served as Coordinator, UGC- Career Oriented Programme (COP) in Corporate Communication and Communicative English, from 19th October, 2011 to 20 August, 2013
5. Served as Head, PG Department of Conservation Biology, Durgapur Govt. College, Durgapur, West Bengal, from 6 November, 2009 to 3rd December, 2014
6. Serving as Head, Department of Botany, Durgapur Govt. College, Durgapur, West Bengal, from August, 2017 to till date

Participation in committees of Durgapur Government College since 2017

1. Member of Governing Body, Durgapur Government College
2. Member of Internal Quality Assurance Cell (IQAC), Durgapur Government College
3. Jt. Convener of Grievance Redressal Cell, Durgapur Government College
4. Jt. Convener of Monitoring Cell for Central Instrumentation Facility (CIF), Durgapur Government College
5. Jt. Convener, Students' Council Election Sub-Committee, Durgapur Government College