

Department: Bengali

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

- **Mukhopadhyay, B;** [Dr Bhismedeb Mukhopadhyay; Assistant Professor and HOD]
 - **Adhikari, R;** [Renuka Adhikari; Assistant Professor]
 - **Ray, S;** [Shreya Roy; Assistant Professor]
 - **Das, D;** [Dhananjoy Das, Assistant Professor]
 - **Roy, I;** [Ishani Roy, Assistant Professor]
 - **Roy, S;** [Susmita Roy, Part Time Faculty]
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- **Research articles/reviews**
 1. **Mukhopadhyay, B;** Sakha patrikar dui sakha : Pramadacharan o Upendrakishore: *Sahitya Angan* : ISSN:2394 4889 ,Vol :3 ,Issue :5, **Feb,2017**
 2. **Mukhopadhyay, B;** Mobile Tower o ekti Jontranar Itibritto : *Journal of Integrated Research & Development* :ISSN 2278-8670:Dec,2013 Volume 3,Number 3, Page-9 to 12.
 3. **Mukhopadhyay, B;** Positivism ebong Ekjon Nibedito Pran Positivist : *Visva Bharati Patrika* :July-December,2009.
 4. **Mukhopadhyay, B;** Je Se Lok Chilen na Krishnakamal : *Bartaman Robibar* : 2002
 5. **Adhikari, R;** Rabindra kabye-Rupkatha, *Ajker jodhan*, ISSN No:0871-5819; 2016
 6. **Ray S;** Swadhinata -purba bish shatoker bangla uponasye bharatcharo andalon o rajniti bhubone meyera, Ekusher Dheu, Vol II, No. II, ISSN:2454-7182 ,PAGE109-119., 2016
 7. **Roy S;** The Illicit Love Of The Widows In Rabindranath's Fictions"-Page No. 49,(Focus:Rabindranath in 150th Birth Anniversary), *Communique*, An Academic Journal of Durgapur Govt. College, ISSN:0973-8584, March 2011.
 8. **Roy, I;** Bangla Theatre o Amritalal Basu, Ed: Manoranjan Sardar, Nabam Barsha, *Path*, Page: 42-53; ISSN:23216093, Oct 2016 (**Published in 2017**)
 - **Book Chapters/articles in Edited Volume**
 1. **Adhikari R;** Uttarbanger loksanskriti:probad probochon o dhandha, "Bangla loksanskriti fire dekha", 2017, accepted (in press)
 2. **Ray S;** Bharatchandrer natun mangol kabyer nabo nirma : Narayan gangopadhyae amabosyer gan, Mongal Kabya: Oitizya o uttarsadhak, Edited by Bimal Kumar Thandar, 2017, accepted, (In press)
 3. **Ray S;** Sukumar Ray er vasar jagot; Lokayudh, published from coochbehar, West Bengal, 2017, accepted, (In press)
 4. **Dhananjoy D;** Bangla natoke manasamongal kabya: Shambhu Mitrer Chand baniker pala o Ajitesh Bandopadhyer Soudagorer nouka, Mongal Kabya: Oitizya o uttarsadhak, Edited by Bimal Kumar Thandar, accepted, 2017 (In press)
 5. **Roy S;** "Ashalata Singha: Sharone Manone"-Page No.68, Batikromi Sahitya Protibha:Ashalata Singha, Editor: Jayanti Saharay, ISBN:978-81-923689-0-0, 2013.
 - **Conference Proceedings**
 1. **Ray S;** Swadhinata-purba bish shatoker bangla uponasye swadeshi andolan o meyera, Itihas o Sanskriti, Vol.II-Page: 704-711., ISSN:2394-5737 , 2016
 2. **Ray S;** Bangla chotogolpe jol:poribesh kendrik Drishti Bhongir Aloke, UGC National Seminar on What are the changing socio-economic scenario, organized by dept of history, shambhunath collge, lavpur, Birbhum, 2017, accepted (In press)

Department: Botany

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Sett, S;** [Dr. Suchandra Sett (Naidu), Assistant Professor and HOD]
2. **Palit, D;** [Dr. Debnath Palit, Associate Professor]
3. **Sen, M;** [Moutushi Sen, Assistant professor]

➤ **Research articles/reviews**

1. Bhattacharya, P. **Sett, S.** and Maity, P. (2001). Effect of Purified Glutaminase from Human Ascites Fluid on Experimental Tumor Bearing Mice. *Journal of Experimental and Clinical Cancer Research*, Vol. 20 (4): 599-607.
2. Banerjee, S., Kar, D., Banerjee, A. and **Palit, D.** (2012), Utilization of some aquatic macrophytes in Borobandh-a lentic water body in Durgapur, West Bengal, India: Implications for socio-economic Upliftment of local stakeholder. *Indian J. Applied & Pure Bio.* 27(1), pp. 83-92. (ISSN 0970-2091)
3. Banerjee, S., Kar, D., Banerjee, A. and **Palit, D.** (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. [ISSN: 429-5396]
4. Banerjee, S., Palit, D. and Banerjee, A. (2016). Changing Strategies of Biochemical & Physiological Features of Selected Plant Species on Effect of Air Pollution in Eastern Steel City, Durgapur, India. *Int. J. Curr. Microbiol. App. Sci.* 5(9): 733-741. [ISSN: 2319-7064]
5. Basu, P.S, **Palit, D.** and Banerjee, A. (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), pp. 46-53. (ISSN: 1554-0200)
6. Bhattacharya, K. and **Palit, D.** (2000), A census of Hydrophytes in Burdwan University campus. *Environment and Ecology*, 18(1), pp. 150-155. (ISSN: 2157-6092)
7. Bouri, T., **Palit, D.** and Mukherjee, A. (2013). Phytosociology and Pedological characteristics of selected beats of Durgapur forest range, W.B, India. *Communications in Plant Science*, 3(3-4), pp. 37-45. (ISSN-2237-4027)
8. Bouri, T., **Palit, D.** and Mukherjee, A. (2014), 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*, 2(10), pp. 607-617. (ISSN- 2320-5407)
9. Bouri, T., **Palit, D.**, and Mukherjee, A. (2014), An investigation of plant communities in Basudha beat of Durgapur forest range, West Bengal, India. *Int. J. Curr. Microbiol. App. Sci.* 3(9), pp. 596-607. (ISSN- 2319-7706)
10. Chanda, S. and **Palit, D.** (2009), Plant diversity indices and pedological characteristics of Ragiroom Beat, Senchal West Zone Forest Range, Darjeeling, West Bengal, India. *Pleione*, 3(1), pp. 50-58.
11. Chatterjee, A. **Sen, M.** Saha, P. K. and Roy, A. (2014). Study of primary and secondary metabolites of *Nicotianatabacum* L. in different combinations of growth regulators. *J. Bot. Soc. Bengal* 68(2): 101-104.
12. Chatterjee, P., Biswas, I., Banerjee A. and **Palit, D.** (2014), First Time reporting of three different entomofauna at the district of coochbihar, West Bengal. *International Journal of Current Research*, 6(3), 5853-5856. (ISSN-0975-833X)
13. Das, S., Pal, S. and **Palit, D.** (2012), An Insight into the Physico-Chemical characteristics of Water and Soil along with Macrophyte Diversity in KathgolaDighi: A Freshwater Wetland in Jalpaiguri District, West Bengal, India. *Journal of Biodiversity and Ecological Sciences*, 2(3), pp. 189-195. (ISSN 2008-9287)
14. Garai, M., Kar, D., **Palit, D.** and Banerjee, A. (2013), Phytosociological Assessment of Vegetation of Durgapur Government College Campus, Durgapur, West Bengal. *India International Journal of Engineering Research and applications*, 3(6), pp. 1-5. (ISSN-2248-9622)
15. Ghosh, S. **Sen, M.** and Roy, A. (2013). Comparative study of metabolites of *in-vitro* & *in-vivo* derived tissues of *Catharanthes roseus*. *NCABCM* 71-74.
16. Goswami, G., Pal, S. and **Palit, D.** (2010), Studies on the Physico-Chemical characteristics, Macrophyte Diversity and their Economic Prospect in RajmataDighi: A wetland in Cooch Behar District, West Bengal, India. *NeBIO*, 1(3), pp. 21-27. (ISSN 2278-2281)
17. Gupta, S. and **Palit, D.** (2013), Inventory and characterization of wetlands in Birbhum district, West Bengal, India: implications for conservation. *Ecology, Environment and Conservation*, 19(4), pp. 995-1000. (ISSN: 0971-765X)
18. Gupta, S. and **Palit, D.** (2014), A study on wetlands in Birbhum district, West Bengal, India. *Journal of Applied Sciences in Environmental Sanitation*, 9(2), pp. 79-84. (ISSN-0126-2807)
19. Gupta, S. and **Palit, D.** (2014), Biosurveillance of wetlands in Eastern India (Birbhum, West Bengal) for wise use. *International Journal of Science, Environment and Technology*, 3(6), pp. 2136 – 2144. (ISSN- 2278-3687)
20. Gupta, S. and **Palit, D.** (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), pp. 1886-1893. (ISSN-2278-179X)

21. Gupta, S., and **Palit, D.** (2013), Effect of Limnochemical Variables on The Aquatic Macrophyte Composition in Wetlands of Birbhum District. *Pollution Research*, 32(4) pp. 737-742. (ISSN: 0257-8050)
22. Gupta, S., and **Palit, D.** (2014), A Contribution to the Fish faunal status in wetlands of Birbhum District, West Bengal, India. *Asian Academic Research Journal of Multidisciplinary*, 1(28), pp. 40-53. (ISSN- 2319 – 2801)
23. Gupta, S., Mukherjee, A., & **Palit, D.** (2015). Reporting of (Sand?) Martin *Riparia (riparia?)* From Durgapur Barrage, West Bengal, India. *Zoosprint*, 30 (7):6-9
24. Gupta, S., Mukherjee, A., **Palit, D.**, Chatterjee, P. and Biswas, I. (2013), A Reporting on Wire Tailed Swallows (*Hirundosmithii*) winter visit to Durgapur Barrage, West Bengal, India. *Zoosprint*, 28(8), pp. 22-24. (ISSN- 0973-2543)
25. Gupta, S., **Palit, D.**, Mukherjee, A. and Kar, D. (2013), Inventory of Pit Lakes in Raniganj Coal Field, West Bengal India. *Journal of Applied Technology in Environmental Sanitation*, 3(1), pp. 55-60. (e- ISSN: 2088-3579)
26. Kar, D. and **Palit, D.** (2014), Phyto-Diversity on Selected Coal Mine Areas of Ranigunj Coalfields, India. *International Journal of Green and Herbal Chemistry*, 3(1), pp. 2278-3229. (ISSN-2278-3229)
27. Kar, D. and **Palit, D.** (2014), Population Perception Regarding Reclamation Strategies in Coal Mine of RCF in West Bengal - A Case Study from India: Implications for Future Development Perspectives in Wasteland Ecorestoration. *Journal of Applied Technology in Environmental Sanitation*, 4(1), In Press. (ISSN-2088-3218)
28. Kar, D. and **Palit, D.** (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. [ISSN: 2319-7064]
29. Kar, D. and **Palit, D.** (2016). Natural occurrence of plant species on Bankola area of Raniganj Coalfield, West Bengal, India. *International Educational Scientific Research Journal*. 2(6): 37-38. [ISSN: 2319-7064]
30. Kar, D., Banerjee, A. and **Palit, D.** (2014), Studies on Phyto-diversity of different types (OCP, PIT, INCLINED) of mines in Ranigunj coalfield area, West Bengal, India. *Asian Academic Research Journal of Multidisciplinary*, 2(1), pp. 515-522. (ISSN-2319-2801)
31. Kar, D., Banerjee, A., and **Palit, D.** (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), pp. 177-198. (ISSN 0973-4570)
32. Kundu, M ., Pal, S. and **Palit, D.** (2010), A contribution on the plant diversity in 6th Mile Beat, Senchal East Zone Forest Range, West Bengal, India. *Journal Swamy Botanical Club*, 27, pp. 85-92. (ISSN 0256 - 9493)
33. Mahata, A., Mondal, M.S., **Palit, D.** and Mukherjee, A. (2007), Trees for energy forests in wastelands of Bihar, Orissa and West Bengal. *Ecology Environment and Conservation*, 13(2), pp. 439-445. (ISSN: 0971-765X)
34. Majumder, P. and **Palit, D.** (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. [ISSN: 2319-7706]
35. Mandal, S., Mondal, D. and **Palit, D.** (2000), A preliminary survey of wetland plants in Purulia District, West Bengal. *Indian Journal of Applied and Pure Biology*, 18(2), pp. 247-252. (ISSN: 0970-2091)
36. Mishra, M., Banerjee, A. and **Palit, D.** (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. [ISSN: 0973-7308]
37. Mukherjee, A., **Palit, D.** and Gupta, S. (2015), Rare record on Plaintive Cuckoo (*Cacomantismerulinus*) from a fresh water wetland of Bankura district, West Bengal, India. *Zoosprint*, XXX (3), pp. 19-21. (ISSN- 0973-2543)
38. Pal, B., **Palit, D.** and Mukherjee, A. (2000), Plant diversity in mural habitats of Hooghly District, West Bengal. *Geobios*, 27(4), pp. 177-180. (ISSN: 0251-1223)
39. Pal, S. and **Palit, D.** (2010) Traditional knowledge and bioresource utilization among Lepcha in North Sikkim. *NeBIO*, 2(1), pp. 13-17. (ISSN 2278-2281)
40. **Palit D.**, Pal S. and Chanda S. (2011). Diversity and richness of plants in Darjeeling Himalaya with an eye on Gaddikhana forest beat, Senchal east zone forest range, Darjeeling. *Indian Journal of*

41. **Palit, D** and Banerjee, A (2016). Traditional uses and conservative lifestyle of lepcha tribe through sustainable bioresource utilization – case studies from Darjeeling and north Sikkim, India. *International Journal of Conservation Science*. 7(3): 735-752. [ISSN: 2067-533X]
42. **Palit, D.** and Banerjee, A. (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), pp. 331-341. (ISSN- 2288-9744)
43. **Palit, D.** and Banerjee, A. (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), pp. 106-112. (ISSN- 2278-2540)
44. **Palit, D.** and Banerjee, A. (2013), Species Diversity and Pedological Characteristics in Selected Sites of Senchal Wildlife Sanctuary, West Bengal, India. *Journal of Environment and Ecology*, 4(1), pp. 111- 137. (ISSN-2157-6092)
45. **Palit, D.** and Gupta, S. (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), pp. 97-115. (ISSN: 2319-3824)
46. **Palit, D.** and Gurung, S. (2008), Some phytoremedies used traditionally by Gurungsin Darjeeling, West Bengal, India. *Pleione*, 2(2), pp. 171-174.
47. **Palit, D.** and Mukherjee, A. (2001), Angiosperm diversity in wetlands of Birbhum District, West Bengal. *Bull. Nat. Inst. Ecology*, 11, pp. 55-67. (ISSN: 0379-7937)
48. **Palit, D.** and Mukherjee, A. (2001), Foliar and pollen characters of *Solanum nigrum* L. and *Croton bonplandianum* Baill in evaluation of purity of air. *Environment and Ecology*, 19(1), pp. 182-185. (ISSN: 2157-6092)
49. **Palit, D.** and Mukherjee, A. (2007), An inventory of wetlands in Birbhum District, West Bengal and their successional characteristics. *Environment and Ecology*, 25 (1), pp. 173-176. (ISSN: 0970-0420)
50. **Palit, D.** and Mukherjee, A. (2011), Characterization of Physico-chemical properties of water and soil in Lalbandh, a freshwater wetland in Birbhum District, West Bengal. *Ecology Environment and Conservation*, 17(3), pp. 557-562. (ISSN: 0971-765X)
51. **Palit, D.** and Mukherjee, A. (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), pp. 141-146. (ISSN-2088-3218)
52. **Palit, D.** and Pal, S. (2012), An investigation on mural plant diversity in Darjeeling Government College campus and adjoining areas, Darjeeling, West Bengal. *NeBio*, III(2), pp. 58-62. (ISSN 2278-2281)
53. **Palit, D.,** Bala, G. and Mukherjee, A. (2006), Sedges in wetlands of Birbhum District, West Bengal. *Flora and Fauna*, 12(2), pp. 269-274. (ISSN 0971-6920)
54. **Palit, D.,** Das, S. and Palit, N. P. (2009), Studies on physico-chemical characteristics of soil and water in KathgolaDighi, a wetland near Falakata, Jalpaiguri, West Bengal. *Indian Journal of Landscape Systems Ecological Studies*, 32(1), pp. 149-1154. (ISSN: 0971-4170)
55. **Palit, D.,** Ganguly, G. and Mukherjee, A. (2002), Ecological studies on Ramnabagan Wildlife Sanctuary, Burdwan: 1—Biological Spectrum. *Science and Culture*, 68(5-6): pp. 147-149.
56. **Palit, D.,** Gupta, S., Banerjee, A. and Mukherjee, A. (2013), Aquatic Macroinvertebrate Diversity Based Biomonitoring of Selected Lotic Environments in Durgapur, West Bengal, India: Implications for Ecological Health Status Prediction, *Journal of Applied Technology in Environmental Sanitation*. 3(3), pp. 117-122. (ISSN-2088-3218)
57. **Palit, D.,** Gupta, S., Banerjee, A. and Mukherjee, A. (2013), Macroinvertebrate Community-Environmental Interrelationship in Selected Lotic Ecosystem from Durgapur, West Bengal, India. *Journal of Applied Sciences in Environmental Sanitation*, 8(4), pp. 231-236. (ISSN-0126-2807)
58. **Palit, D.,** Kar, D., Gupta, S. and Mukherjee, A. (2012), A comparative study of soil of different Coal Mines in RCF. *Indian Journal of Environmental Protection*, 32(6), pp. 471-477. (ISSN: 2152-2197)
59. **Palit, D.,** Kar, D., Mishra, P., Banerjee, A. (2013), Assessment of Air Quality Using several Biomonitoring of selected sites of Durgapur, Burdwan District by Air Pollution tolerance index approach. *Indian journal of Scientific Research*, 4(1), pp. 149-152. (ISSN- 0976-2876)
60. **Palit, D.,** Kar, D., Roychowdhury, S., Mukherjee, A., Garai, B. and Kar, P. (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. [ISSN: 2349-8072]

61. **Palit, D.**, Mukherjee, A. and Gupta, S. (2014), Bio-resource documentation and effective management strategies with a note on physicochemical conditions of selected wetlands in Birbhum district, West Bengal, India. *International Journal of Indigenous Knowledge and Biological Sciences*, 1(1), 4.
62. **Palit, D.**, Mukherjee, A., Gupta, S. and Kar, D. (2014), Water quality in the pit lakes of raniganj coal field, West Bengal, India. *Journal of Applied Sciences in Environmental Sanitation*, 9(1), pp. 1-6. (ISSN-0126-2807)
63. **Palit, D.**, Mukherjee, A., Kar, D., Roychowdhury, S., Garai, B., Kar, P. and Gupta, S. (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. [ISSN: 2350-0557]
64. **Palit, D.**, Mukherjee, M. and Borah, P. (2010), Warfare's: Our Decaying Climate. *Communique*, 4(1), pp. 71-80.
65. **Palit, D.** and Mukherjee, A. (2012), Studies on water quality and macrophyte composition in wetlands of Bankura district, West Bengal, India. *Indian Journal of Plant Science*, 1(2-3), pp. 221-228. (ISSN: 2319-3824)
66. **Palit, N.P.** and **Palit, D.** (2008), Ecological investigation on wetlands of Birbhum District, West Bengal. *Indian Journal of Landscape Systems Ecological Studies*, 31(2), pp. 112-117. (ISSN: 0971-4170)
67. **Palit, D.**, Pal .S. and Acharya, J. (2011), Tea-Garden Weeds of Happy Valley Tea Estate, Darjeeling, West Bengal: Ecological and Economic Aspects. *Journal of Economic and Taxonomic Botany*, 35(2), pp. 412-417. (ISSN: 0250-9768)
68. Roychowdhury, S. **Palit, D.** and Banerjee, A. (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), pp. 99-115. (ISSN- 0972-986)
69. **Sett, S.** and Sett, R.(1995).Alteration of serum Immunoglobulin levels after splenectomy in thalassaemia. *Journal of Human Ecology*, Vol. 6 (1): 55-56.
70. **Sett, S.** Mishra S. K. and Siddiqui K. A. I.(2000).Avirulent mutants of *Macrophomina phaseolina* and *Aspergillus fumigatus* initiate infection in *Phaseolus mungo* in the presence of phaseolinone; levamisole gives protection. *Journal of Bio Science*, Vol. 25(1) : 73-80.
71. Tamang, N. and **Palit, D.** (2010), Anethnobotanical study on the Lepchas in North Sikkim. *Pleione*, 4(1), pp. 63-68. (ISSN: 0973-9467)
72. Upadhyaya, G., **Sen, M.** and Roy, A.(2014). Comparative study of *in-vivo&in-vitro* raised seedlings of *Oryzasativa* L. *Indian J. Sci. Res.* 5(2): 109-117. ISSN: 0976-2876(Print) & ISSN: 2250-0138(Online).
73. Upadhyaya, G., **Sen, M.** and Roy, A.(2015). In- vitro callus induction and plant regeneration of rice (*Oryzasativa* L.) var. 'Sita', 'Rupali' and 'SwarnaMasuri'. *Asian Journal of Plant Science and Research*. 5(5): 24-27. [Available online at www.pelagiaresearchlibrary.com]
74. **Palit D.**, Kar D. and Mukherjee A. (2017). Developmental perspective of wetlands in Birbhum district, West Bengal, India. *Indian Journal of Applied Research*. 7(6): 484-486.
75. **Palit D.**, Kar D., Roychowdhury S. and Mukherjee A. (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.
76. **Palit D.**, Kar D. and Mukherjee A. (2017). Studies on Macrophyte Diversity in Lalbandh Wetland, Birbhum, West Bengal, India. *International Journal of Interdisciplinary and Multidisciplinary Studies*. 4(2): 198-203.
77. **Palit D.** and Kar D.(2017). 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.
78. Majumdar, P. and **Palit D.** (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
79. **Palit D.**, Kar D. and Mukherjee A. (2017). Grasses in the Floristic scenario of Wetlands in Birbhum District, West Bengal, India. *Asian Journal of Plant Sciences*.
80. **Palit D.** and Kar D. (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. Srivastava, D.K. (eds)*

81. Kar D. and **Palit D.** (2017). The mining impact on plant biodiversity: a case study at Raniganj open cast mining areas, West Bengal, India. *International Journal of Environmental Sciences*.
(Communicated)
82. **Palit D.**, Kar D. and Mukherjee A. (2017). Growth form analysis of wetland macrophytes in Birbhum district, West Bengal, India. *Jordan Journal of Biological Sciences*. (Communicated)
83. **Palit D.**, Kar D., Mukherjee A. and Roychoudhury S. (2017). Physico-chemical attributes of water parameters in selected sites of Raniganj Coal Mine Pitlakes. *Environment Conservation Journal*. (Communicated)

➤ **Books**

1. Gupta, S., **Palit, D.** and Mukherjee, A. (2013), Aquatic Macroinvertebrates: Biomonitoring and Eco-health Assay. LAP LAMBERT Academic Publishing, ISBN: 13: 978-3-659-45106-5.
2. Gupta, S., **Palit, D.** and Mukherjee, A. (2013), Eco-appraisal of wetlands in Birbhum district, West Bengal, India. LAP LAMBERT Academic Publishing, ISBN: 978-3-659-45054-9.
3. Kar, D., **Palit, D.** and Chatterjee, S. (2013), *Interrelationship* between Chironomid, water and Soil: Biomonitoring assessment. Lambert Academic Publishing, ISBN: 978-3-659-48785-9.
4. Mukherjee, A., Gupta, S. and **Palit, D.** (2013), Avifaunal diversity of Santragachi wetland, West Bengal, India. Lambert Academic Publishing, ISBN: 978-3-659-48345-5.
5. **Palit, D.** (2013), Senchal Forest: Assessment of Phyto Diversity and Soil Status. Lambert Academic Publishing, ISBN: 978-3-659-44629-0.
6. Palit, D. (2013), Survey of Wetlands in Birbhum District, West Bengal. Lambert Academic Publishing, ISBN: 978-3-659-47159-9.
7. Palit, D. and Banerjee, A. (2013), Biomonitoring and green belt development in Durgapur. Lambert Academic Publishing, ISBN-978-3-659-50467-9.
8. **Palit, D.** Bhattacharjee, R. P. and Mukherjee, A. (2015). Basic Environmental Engineering and Elementary biology. J.B. Books and learning. ISBN- 978-81-921082-0-9
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➤ **Book Chapters/Articles in Edited Volumes**

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Department: Chemistry

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Ghosh A. K.** [Dr. Arup Kr. Ghosh; Associate Professor and HOD]
2. **Mandal, S** [Dr. Snigdha Chandra, Associate Professor]
3. **Barun Bandyopadhyay** [Barun Bandyopadhyay; Assistant Professor]
4. **Das, N** [Dr. Niloy Das; Assistant Professor]
5. **Ghosh, T** [Dr. Tuhin Ghosh, Assistant Professor]
6. **Acharjee, N.** [Dr. Nivedita Acharjee, Assistant Professor]
7. **Ghosh, B.C.**, [Dr. Bankim Chandra Ghosh, Assistant Professor]
8. **Mandal, Sutapa**, [Sutapa Mandal, Assistant Professor]

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➤ **Research Articles in Edited Volume**

1. **Mandal S, Acharjee N,** Chakraborty B "DFT studies for generation of stereospecific antibacterial cycloadduct from symmetrically substituted reactant.", "Chemistry on its Way-Impacts on the Environment", (Ed: Samiran Mandal), Saldaha College (ISBN : 978-93-84191-17-7); **[Published in 2017]**
2. **Mandal S, Acharjee N,** Banerji A, "Conceptual DFT interpretations for diastereoselective synthesis of tetrasubstituted isoxazolidines", (Ed: Kamala Mitra) Dept. of Chemistry, Prasanta Chandra Mahalanobish Mahavidyalaya (ISBN : 978-93-8310-31-8) **[Published in 2017]**

➤ **Books**

1. **Acharjee N,** Dhar P, Engineering Chemistry Practicals, Practical Text Book for 1st year B.Tech students (According to the Latest Syllabus of WBUT and other equivalent courses; ISBN: 978-93-80673-25-7; Published by U. N. Dhur & SONS Private Ltd, Kolkata,
2. **Acharjee N,** Dhar P, **Environmental Studies**, (As per the latest UGC Syllabus for Undergraduate Courses of all branches of Higher Education for all Indian Universities), ISBN: 978-93-80673-97-4; Published by U. N. Dhur & SONS Private Ltd, Kolkata,

➤ **Book Chapters in Edited Volume**

1. Chattopadhyay, K., **Ghosh, T.**, Karmakar, P., Mandal, P., Ghosh, P., Ray, B. (2009). Ethnopharmacological Uses, Chemical Constituents and Biological Activities of Sesame: A Review. In: Recent Progress in Medicinal Plants, 23, 91-113, **Studium Press LLC, USA.**
2. Uttam Sinha Mahapatra, Barnali Dutta, **Barun Bandyopadhyay** and Debashis Mukherjee, (1998), State-Specific Multi-reference Coupled Cluster Formulations : Two Paradigms, *Advances in Quantum Chemistry*; Volume 30, , Academic Press, USA/UK, pp 163-193; ISBN 0-12-034830-6 (Citation :137)
3. UGC sponsored National Level Seminar on "Chemistry on its Way-Impacts on the Environment" during September 01 & 02, 2016 at Saldaha College (ISBN : 978-93-84191-17-7) "**DFT studies for generation of stereospecific antibacterial cycloadduct from symmetrically substituted reactant.**" **Mandal S.¹, Acharjee N.^{1*},** Chakraborty B.².
4. UGC sponsored National Level Seminar on "Modern Trends in Chemical Sciences" during November 25-26, 2016 at Dept. of Chemistry, Prasanta Chandra Mahalanobish Mahavidyalaya (ISBN : 978-93-8310-31-8) "**Conceptual DFT interpretations for diastereoselective synthesis of tetrasubstituted isoxazolidines**" **Mandal S.^a, Acharjee N.^{a*},** Banerji A.^b

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1. **Maitra D;** [Debasish Maitra; Associate Professor and HOD]
2. **Roy K. S;** [Sanjoy Kr. Roy; Associate Professor, Officer in Charge]
3. **Mitra J,K** [Jayanta Kr. Mitra; Associate Professor]
4. **Banerjee D** [Deep Banerjee, Assistant Professor]

➤ **Research articles/reviews**

1. **Banerjee D, Sur D (2011)** "Business Risk in Indian Pharmaceutical Industry during the Post-Liberalization era – An empirical analysis through Ginni's coefficient of Concentration." Published in Lectures on Contemporary Issues in Accounting and Management.[ISBN-978-81-921382-1-1]
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7. **Roy K. S.** (2010) "Entrepreneurship Education – An Indian Experience" - Academic Journal of Hooghly Mohsin College, vol – 05(01), ISSN: 0973 – 6212.
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14. **Roy K. S.** (2012) "Related Party Transactions In Corporate Firms: AS, IFRS& Cases Behind The Curtain" -Indian Accounting Standards: Convergence with IFRSs Organized by: Department of Commerce, P N Das College, Palta, North 24 Parganas, W.B. in collaboration with Indian Accounting Association, Kolkata Branch (UGC Sponsored National Seminar) ISBN No: 978-93-82472-68-1, Lawpoint Publications, Kolkata.
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16. **Roy K. S.** (2013) "An Account of Accounting Intellections" Dept. of Commerce & Economics, Savitri Girls' College. ISBN 978-93-82549-31-4.

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2. **Mitra J.K.** (2011), *Cost and Management Accounting*, Tee Dee Publication, Kolkata; (1228 pages); [For B.Com. Honours Students].
3. **Mitra J.K.** & Somani N. (2016), *Principles of Management and Business Communication*; Oxford University Press, New Delhi; ISBN 978-0-19-947056-3 (248 pages); [For B.Com. General Students].
4. **Mitra J,K. & Mazumder D.** (2011), *Accounting and Economics*; New Age International (P) Limited, New Delhi; ISBN 978-81-224-3160-5 (708 pages); [For B.Tech. Students of WBUT].
5. **Mitra J,K. & Mazumder D.** (2011), *Business Economics and Accounting*; Knowledge Kit Publications, Kolkata; ISBN 978-93-84107-01-7 (718 pages); [For Polytechnic Students of W.B. Technical Education].
6. **Mitra J.K.** (2003), *Fundamentals on Management*; ABS Publication House, Kolkata, (511 pages); [For B.Com. Honours Students of Calcutta University (Old Syllabus)].
7. **Mitra J.K.** (2003), *Business Organisation*; ABS Publication House, Kolkata, (592 pages); [For Higher Secondary Students of West Bengal H.S. Council].
8. **Mitra J.K.** (2000), *Principles of Commerce*; ABS Publication House, Kolkata; (320 pages); [For ISC XI and XII Students].
9. **Mitra J,K.** (2002), *ISC Business Studies*; ABS Publication House, Kolkata; (288 pages); [For ISC XI and XII Students].
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➤ **Book Chapters in Edited Volume**

1. **Banerjee D, Sur D (2011)** "Business Risk in Indian Pharmaceutical Industry during the Post-Liberalization era – An empirical analysis through Ginni's coefficient of Concentration." Published in Lectures on Contemporary Issues in Accounting and Management.[ISBN-978-81-921382-1-1]
2. **Maitra D.** (2005) Disasters in Organisation : A general view"- Combating Disaster perspectives in the New Millennium – abc Publication Kolkata. ISBN 81-87500-29-8

Department: Conservation Biology

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Banerjee M;** [Dr. Moitreyee Chakrabarty; Assistant Professor and HOD]
2. **Sanyal. S** [Sanghamitra Sanyal, Part Time Faculty]
3. **Mukherjee, A. K.** [Dr. Alope Kumar Mukherjee; Part time Faculty]

➤ **Research articles/reviews**

1. **Mukherjee J.,** Banerjee, M., Ray, S., Banerjee, A., Ghosh, P.B. (2014). Impact of environmental factors on the carbon dynamics at Hooghly estuarine region. *Journal of Ecosystems*, Volume 2014, Article ID 607528, <http://dx.doi.org/10.1155/2014/607528>.
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5. **Banerjee M.,** Mukherjee J., Banerjee A., Roy M., Bandyopdhyay G., Ray S. 2015. Impact of environmental factors for maintaining water quality of Bakreswar reservoir, India.*Computational Ecology and Software*. 5(3): 239-253.
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45. Banerjee, A., **Sanyal S.** and Sen S. (2012), Soil phosphatase activity of agricultural land: A possible index of soil fertility, Agricultural Science Research Journals Vol. 2(7), pp. 412-419, July 2012
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➤ **Books (Provide Details of Books of A. K. Mukherjee)**

Mukherjee, A.K., S. Pal, T. Senapati, and A.R. Ghosh. 2013: Ecofriendly technology for pisciculture in abandoned OCP- lakes at RCF Area, West Bengal, India. In: Food and Environment Security Imperatives of Indigenous Knowledge Systems (D. Das Ed.) *Agrobios (India)*: 149-160. [ISBN (13): 978-81-7754-509-8].

➤ **Book Chapters/articles in Edited Volume**

Mukherjee, A.K., S. Pal, T. Senapati, and A.R. Ghosh. 2013: Ecofriendly technology for pisciculture in abandoned OCP- lakes at RCF Area, West Bengal, India. In: Food and Environment Security Imperatives of Indigenous Knowledge Systems (D. Das Ed.) *Agrobios (India)*: 149-160. [ISBN (13): 978-81-7754-509-8].

➤ **Conference Proceedings**

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Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Saha, S.**; [Samapti Saha; Associate Professor and HOD]
2. **Chakraborty, D** [Dr. Debasis Chakraborty, Assistant Professor]

➤ **Research articles/reviews**

1. **Chakraborty, D. and P.K. Kuri (2017), The Household Level Determinants in the Choice and Level of Migration: A Micro Study in West Bengal. Environment and Urbanization ASIA, March, Vol. 8, No. 1, ISSN: 0975-4253. 94-104.**
2. **Chakraborty, D. and P.K. Kuri (2016), Agricultural Efficiency and Rural-Urban Migration: A Micro Study in West Bengal. Man & Development, Vol. XXXVIII, No. 2, pp: 35-50. ISSN: 0258-0438.**
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1. **Bose, Devika;** [Dr. Devika Bose; Associate Professor]
2. **Ghosh, M;** [Manjari Ghosh, Associate Professor and HOD]
3. **Chatterjee, A;** [Dr. Anindita Chatterjee, Assistant Professor]
4. **Chatterjee (Das) , N;** [Dr. Nilanjana Chatterjee (Das), Assistant Professor]
5. **Das, R;** [Dr. Ramit Das, Assistant Professor]

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1. **Bose, Devika and Amitava Ghosh, "Triggering Innovation and Creativity in Traditional Handicrafts Sectors—An Indian Perspective, Management Insight, Volume 8, No 1, June 2012. ISSN 0973-936X Varanasi, June 2012**
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1. **Dasgupta, P**; [Dr. Prabir Dasgupta; Associate Professor and HOD]
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4. **Chattopadhyay, P**; [Dr. Prabal Kumar Chattopadhyay; Assistant Professor]
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6. **Roy, P**; [Dr. Pinaki Roy, Assistant Professor]
7. **Saha, B**; [Bikash Saha, Assistant Professor]
8. **Goswami, P**; [Pritha Goswami, Assistant Professor]
9. **Sengupta, S**; [Sharadee Sengupta, Assistant Professor]
10. **Chakraborti, D**; [Dola Chakraborti, Assistant Professor]

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4. **Pal, S.**, Bose, S. (1997), Mineral reactions and geothermobarometry in a suite of granulite facies rocks from Paderu, Eastern Ghats Granulite Belt: A reappraisal of the P-T trajectories. In: Sen, S.K. (Ed.) *Eastern Ghats granulites, Special volume Proceedings Earth and Planetary Science, Indian Academy of Sciences*, 106, 77-89.
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Department: History

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Jana, N**; [Nandini Jana; Assistant Professor and HOD]
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3. **Bose, A**; [Dr. Arpita Bose, Assistant Professor]
4. **Mukherjee, K**; [Kamalika Mukherjee, Assistant Professor]
5. **Dey, M**; [Mitali Dey, Part time faculty]

➤ **Research articles/reviews**

1. **Bose, A**, 'The Kuomintang in India with special reference to Calcutta (1900-1962)' **In: Studies in History**, Vol. 32, August, 2016, pp. 257-269.
2. **Bose, A**, 'History of the Chinese in Calcutta—An Overview (1781-1950)' **In: Asian Studies**, Vol. XXXI No. 2, 2013, Netaji Institute of Asian Studies, Kolkata, ISSN 0970-7301, pp 86-91.
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4. **Bose, A**, 'The Revolt of 1857 and the Role of Wahabees and Farazees' **In: Islam and Muslim Societies: A Social Science Journal**, Vol.6 No-1, 2013, ISSN 0973-2802, pp. 100-109.
5. **Bose, A**, 'Criminal Activities of the Overseas Chinese,' **In: Bengal Past and Present**, Vol. 127, 2008, ISBN0005-8, pp. 93-104.
6. **Dey, M**, 'Forest management and the role of the British officials' **In: Communique, An Academic Journal of Durgapur Government College**, Vol. 9, No.1, Durgapur, March, 2015, ISSN 0973-8584, pp. 21-27.
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➤ **Occasional papers (Single author).**

1. **Bandyopadhyay, S**, 'Agrarian History of Colonial India' **In: Course Module for MA Part II**, Burdwan University, Directorate of Distance Education, 2008, pp. 1-34.
2. **Bandyopadhyay, S**, 'Commercialization of Agriculture' **In: ibid**, pp. 35-68.
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6. **Jana, N**, 'Unish Shatake Brahmo Mahilader Dharmiya Chetana: Ekti Alochana' **In: Ratnabali Chattopadhyay and Kaushik Saha (Editor), Kathakatha 1: Banglar Samaj O Sanskriti**, Kolkata, 2015, ISBN: 978-93-80677-82-8, pp. 156-167.
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Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Samanta, A**; [Amitava Samanta; Associate Professor and HOD]
2. **Mondal P**; [Pratikhan Mandal, Assistant Professor]

➤ Research articles/reviews

1. Ali, Sk. J., **Mondal, P.(2013/14)**, Riemann and Riemann-Type integration in Banach spaces, Real Analysis Exchange, Volume 39, No. 2 , pp. 403-440.
2. **Samanta, A (1987)**, Fixed point Theorems for set valued mappings, Bull. Cal. Math. Soc., Vol. 79, pp. 207-214, 1987.

➤ Books

1. Chaudhuri A.K., **Mondal P.,(2012)** Mathematical Analysis (Real, Complex and Metric spaces), New Central Book Agency (P) Ltd., ,ISBN 978-81-7381-780-9, 681p.

Department: Philosophy

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Kanjilal, B**; [Dr. Bhumika Kanjilal; Assistant Professor and HOD]

➤ Research articles/reviews

1. **Kanjilal, B**, (August-2008)- Stuctural Universal. Academic Jorurnal of Hooghly Mohosin College; Vol-3, No- 2, pp-37-42, ISSN: 0973-6212
2. **Kanjilal, B**, Educational Implications of the Concept Samadhi Vol-4Issue-2-April-2016-June2016, Pg-283-289 *International journal of Social Science and Humanities Research (IJSSHR)* ISSN 2348-3156(print) ISSN 2348-3164(online).

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➤ **Conference Proceedings**

1. **Kanjilal, B.** (2016)-Conflicts Relating to Conversion of Religion: With Special Reference to Evangelism and Proselytization. *One Day National Conference on Contradiction, Conflict and Continuity: Their Significance in Contemporary Society*, Organized by NHIT- Durgapur.
2. **Kanjilal, B.** (2017) "Conflicts Relating to Conversion of Religion: With Special Reference to Evangelism and Proselytization" *Contradiction, Conflict and Continuity: Their Significance in Contemporary Society*. (New Delhi; Allied Publishers PVT.LTD).

Department: Physics

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Kumar, K;** [Kripasindhu Kumar; Assistant Professor and HOD]
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4. **Das, S. K.;** [Sudeep Kr. Das, Assistant Professor]
5. **Bhakta N;** [Nupur Bhakta, Assistant Professor]

➤ **Research Articles/Reviews**

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1. **Karmakar, S**; [Saumitra Karmakar; Assistant Professor and HOD]
2. **Mallick, N**; [Dr. Nazrul Islam Mallick, Assistant Professor]

➤ **Research articles/reviews**

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Department: Political Science

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Mukhopadhyay, G;** [Gargi Mukhopadhyay; Associate Professor and HOD]
2. **Barman, N;** [Nabamita Barman, Assistant Professor]

➤ **Research articles/reviews**

1. **Barman, N.** (2012), The Sate of Indian Democracy – World’s largest and succeeded one, A paradox: A proof in favour of S.C.Bose’s prescience. International Proceedings of Economics Devepment and Research, dio:10.7763/IPEDR.2012V54.36.
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Department: Sanskrit

Faculty Members involved in publishing research articles/books/reviews/book chapters/conference proceedings/occasional papers:

1. **Dey, D;** [Dr. Debamitra Dey; Assistant Professor and HOD]
2. **Dey, S;** [Sudeshna Dey, Assistant Professor]
3. **Bhakat, S;** [Dr. Sudipta Bhakat, Assistant Professor]

➤ **Research articles/reviews**

1. **Bhakat, S,** "Biswayane Chaturveda" SANDHAN" (A referred researched Journal on human sciences) ISSN – 2349-0136, 2016 (in press).
2. **Bhakat, S** "An Overview on the Status of Women in Dharmasutras", (NEWS LETTER), ISSN : 23954299, Vol. No. 6, Lady Brabourne College, Kolkata, 2016, pp. 103-105.
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12. **Dey, D;** The origin and transformation of Purusa and Prakriti in Samkhya Philosophy: Hindustani Academy, Part- 31, Vol-4, pages- 187-189, Allahabad, October-December, 2010.
13. **Dey, D;** *The story of Malanchamala of Thakurdar Jhuli: An Analysis from a different Perspective:* Journal of Women's Studies, University of North Bengal, Vol-1, pages- 47-63, March, 2010.
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1. **Dey, D**. Ethics and Morality: An Analysis from the Perspective of Dharmasastra, Conference Proceeding of International Conference by Pashchimbanga Anchalik Itihas Samsad, Kolkata, **2017**.
2. **Dey, S**, "The Spy –system of Ancient India", Conference Proceeding of International Conference by Pashchimbanga Anchalik Itihas Samsad, Kolkata, **2017**.

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1. **Das, S**; [Dr. Sudipta Das; Associate Professor and HOD]
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3. **Bhattacharya, K**; [Kuntal Bhattacharya, Assistant Professor]
4. **Chatterjee, S**; [Saumabha Chatterjee, Assistant Professor]
5. **Dutta, S**; [Sumana Dutta, Assistant Professor]
6. **Das. R**; [Runa Das, Part time faculty]
7. **Das A**; [Dr. Alakananda Majumdar, Part time faculty]

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1. Adhurya. S, Roy. S and **Roy U. S.** (2015). Report on range extension of eight lesser known avian species from Durgapur Ecoregion, West Bengal, India. *Annals of Experimental Biology* 3 (4): 1 – 6. ISSN: 2348-1935.
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