

Bio-data

Name : Dr. Subrata Mondal
Designation : Professor
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Sex : Male
Marital Status : Married
Category : General
Date of Birth : 19/01/1964
Research Experience : About 32 years
1. Research Supervision : 9 students awarded Ph. D degree
: 8 students working for Ph.D. degree.
2. Research area : Taxonomy, Palynology and Plant reproductive
biology

3. Research Project (Completed) :

Title	Sponsoring Agency	Sanctioned amount
"Pollination ecology of some species of Euphorbiaceae"	UGC	Rs. 11,65,800/-

List of Publications : 83 Scientific papers in national & international journals /books, etc. (**Annexure-I**)

Educational Qualifications: M.Sc, Ph.D

Teaching Experience : About 26years

Foreign visit:-

Presented a paper entitled "**Bat - A Pollinator of *Kigelia pinnata* (Jack) A. DC.**" in the International Symposium on "Diversity of Reproductive Systems in Plants: Ecology, Evolution and Conservation" held at **Hokkaido University, Sapporo, Japan** from 16th -17th October, 2003.

Other position of authority or distinction gained:-

1. **Best paper presentation** in the 16th national conference on Aerobiology, held at Davangere, Karnataka; 19-21 Nov.2010
2. Life Member-Indian Aerobiological Society, Delhi..
3. Life Member Indian Science News Association, Kolkata.
4. Life Member Plant Physiology Forum, Kolkata.
5. Life Member Indian Association for Angiosperm Taxonomy, Calicut.
6. Life Member - The Society of Plant Reproductive Biologists, Agra.

7. Life Member - Indian Science Congress Association, Kolkata.
8. Member-Society for the study of Species Biology (Japan).
9. Member – ICPBR (International Commission on Plant-Bee Relations), Canada.
10. Associate Editor – Indian Journal of Aerobiology (ISSN No.- 0971-1546)
11. Reviewer, Journal of Tropical Forest Sciences, Kuala Lumpur, Malaysia.
12. Chaired a session in the 12th National Conference on Aerobiology held at Visva-Bharati, 9-11th November, 2003.
13. Chaired a Session in the XVII Annual Conference Of Indian Association For Angiosperm Taxonomy (IAAT) and International seminar on Multidisciplinary Approaches In Angiosperm Systematics, , 11-13 Oct. 2008 held at Kalyani University
14. Chaired a Session in the 16th national conference on Aerobiology, held at Davangere, Karnataka; 19-21 Nov.2010
15. Chairperson and Evaluator of a Session in the 17th National Conference on Indian Aerobiological Society, held at Pune, Maharastra, during 13th-15th December, 2012.
16. Chaired a Session in the "International Symposium on Conservation and management of pollinators for sustainable agriculture and ecosystem services" held at Indian Agricultural Research Institute, New Delhi, India from September 24-26, 2014.
17. Chaired a Session in the National symposium on plant diversity: structure, function, utilization and conservation" held during 4-6 December, 2014 in University of Calcutta, Kolkata.
18. Member of the Scientific Committee. in the "International Symposium on Conservation and management of pollinators for sustainable agriculture and ecosystem services" held at Indian Agricultural Research Institute, New Delhi, India from September 24-26, 2014.
19. Acted as Treasurer in 12th National Conference on Aerobiology held at Department of Botany, Visva-Bharati; 9-11th November, 2003.
20. Acted as Treasurer in the National Conference on Plant and Microbial Diversity: Prospects & Potential; held at Department of Botany, Visva-Bharati; 17-19th December, 2005.
21. Delivered a lecture as internal resource person in the 4th Refresher course in life sciences held at Visva-Bharati form 20th February to 12th March, 1999.
22. Served as an assistant student warden in Pearson Pally Boys Hostel, Visva-Bharati from 06/06/92 to 04/07/94
23. Served as Garden in Charge Department of Botany, V.B From 1998-2009
24. Working as Library In-Charge (Departmental Seminar Library) from 1st February, 2010.
25. Acted as **Head** of the Department from 17/05/2010 to 27/05/2010.
26. Acted as **Head** of the Department from 01/06/2012 to 15/06/2012
27. Acted as a Member of Purchase Committee, Department of Botany.
28. Acted as Director for P.G studies of the Department
29. Participated 9 Study tour of the Department
30. Working as a member of Purchase Committee of UGC- DRS Project.
31. Acted as a Judge in Students' Science Seminar, held at S.N College Labpur, Birbhum on 8th August. 1996.
32. Member- Board of Moderators (UG) Gour Banga University, Maldah, WB.
33. Member – Student Advisory Committee, M.Sc (Ag.) Horticulture, Visva-Bharati.
34. Member – Routine Committee, Department of Botany, Visva-Bharati.

35. Editorial board member of Indian Journal of Plant sciences (ISSN-2319-3824)

Participation/Presentation of Papers In Seminars/Symposiums/Conferences etc.: 62 (Annexure-II-A)

Refresher Course attended

: 3 (Annexure-II-B)

Annexure-I

LIST OF PUBLICATION

1. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1991) Studies on *in vitro* pollen germination of *Holarrhena antidysenterica* Wall. **Indian Biologist**, XXIII(2) : 33-35.
2. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1991) *In vitro* pollen germination of *Alstonia scholaris* R.Br. **Proc. Nat. Symp. Plant Sciences in the Nineties**, Kalyani Univ., p. 149-154.
3. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1992). Floral biology of some economically important plant taxa. **Biojournal** 4(1&2): 21-24.
4. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1992). Floral biology, pollen production and dispersal in *Morus indica* L. and *Peltophorum innerme* (Roxb.) Llanos. **Journal of Palynology**, 28 : 137-142.
5. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1993). *In vitro* pollen germination in *Peltophorum innerme* (Roxb.) Llanos **Journal Mendel**, 10(2-4) : 153-154.
6. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1993). Thrips-pollinator of *Peltophorum innerme* (Roxb.) Llanos. **Indian Biologist**. XXV(2) : 54-57.
7. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1995). Floral biology of some angiospermic plant taxa. **Proc. Nat. Symp. On Sustainable Agriculture in Sub-Humid Zone**, pp. 207-209.
8. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1997). Observation on pollen anthesis and dispersal of certain angiosperms. **In Aerobiology (Ed. S.N. Agashe) Oxford & IBH Pub. Co. Pvt. Ltd., New Delhi**, pp. 401-405.
9. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1997). Floral Biology and Pollen dispersal in *Azadirachta indica* Juss. (Meliaceae) and *Lagerstroemia speciosa* (Lin. ex Murray) Pers. (Lythraceae). **In Environment and Aerobiology (Ed. A.K. Jain), Research periodical and book publishing house, Texas, USA**, pp. 75-80.
10. Dan, P.K., **Mondal, S.**, and Mandal, S. (1997). A contribution to the airborne pollen and spores from the aquatic environment of West Bengal. **In Environment and Aerobiology (Ed. A.K. Jain), Research periodical and book publishing house, Texas, USA**, pp. 51-58.
11. Bhattacharya, A., **Mondal, S.** and Mandal, S. (1997). Anthesis, pollen production and release of some angiospermic plant taxa. **Environ. Ecol.**, 15(2) : 283-287.

12. Bhattacharya, A., **Mondal, S.** and Mandal, S. (1997). *In vitro* pollen germination of *Delonix regia* (Boj.) Raf. **Sci. & Cult.** 63(5-6) : 143-144.
13. Majee, S., **Mondal, S.** and Mandal, S. (1997). Studies on some ethnomedicinally important plants of Purulia district, West Bengal. **Applied Nutrition**, 22(1) : 1-4.
14. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. (1997). *In vitro* pollen germination in *Morus indica* L. **Sericologia, France**, 37(2) : 349-352.
15. Bhattacharya, A., **Mondal, S.** and Mandal, S. (1997). Aeropalynological study of some angiospermic plants. **J. Nat. Bot. Soc.**, 51 : 83-86.
16. Mondal, N., **Mondal, S.** and Mandal, S. (1998). Enumeration of aquatic angiosperms of Purulia district, West Bengal. **Environ. Ecol.**, 16(1) : 95-100.
17. **Mondal, S.**, Mukhopadhyay, P. and Mandal, S. (1998). A contribution to some ethnomedicinally important plants of Birbhum district, West Bengal. **Environ. Ecol.**, 16(2) : 397-404.
18. Majee, S., **Mondal, S.** and Mandal, S. (1998). Observation on the plant wealth of Purulia district, West Bengal with reference to aerobiology. **Environ. Ecol.**, 16(3) : 501-513.
19. Mondal, A.K., **Mondal, S.**, and Mandal, S. (1998). Pollen production in some plant taxa with a supposed role in allergy in Eastern India. **Aerobiologia, Elsevier Sci. Pub. Ltd., Ireland**, 14 : 397-403.
20. Rahaman, C.H., **Mondal, S.** and Mandal, S. (1999). Enumeration of Angiospermic Climbers of Birbhum district, West Bengal. **Bulletin of Pure and Applied Sciences**, 18B(1) : 29-35.
21. Bhattacharya, A., **Mondal, S.**, and Mandal, S. (1999). Entomophilous Pollen incidence with reference to atmospheric dispersal in Eastern India. **Aerobiologia, Kluwer Aca. Pub., The Netherlands**, 15 : 311-315.
22. Rahaman, C.H., **Mondal, S.** and Mandal, S. (2000). Study of host ranges of some phanerogamic parasites of Birbhum district, West Bengal. **Asian Jr. Microbiol. Biotech. & Environ. Sci.**, 2(3-4) : 141-144.
23. Bhattacharya, A., **Mondal, S.** and Mandal, S. 2004. Localisation of Esterase on the Stigma of Three Angiospermic Taxa. **Phytomorphology**, 54 (3&4): 169 – 174.
24. Bhattacharya, A., **Mondal, S.** and Mandal, S. (2005). Pollinating agents of *Eucalyptus citriodora* Hook. Insects or Wind? **Asian J. Plant Sci.**, 4 (5): 492 – 495.
25. Malik, U. S., Gupta, K., **Mondal, S.**, Hazra, A. and Mitra, S. (2007). Urban Morphology of a medium sized town - A case study of Bolpur Municipality, Birbhum, **Ind.J.Reg.Sc. XXXIX**, 2 , pp-95-109.
26. Bhattacharya, A. **Mondal, S.** and Mandal, S.(2007). Management of Pollinators and its Impact upon Socio-economic Development. In **Natural Resource Management and Sustainable Development in North-East India.** (Ed. N. Ali.) Mittal Publication, New Delhi. P. 299-317

27. Biswas K., **Mondal, S.** and Mandal, S.(2008). Studies on in vitro Pollen Germination of *Solanum surattense* Burm. f. and *Solanum nigrum* L. **Sci. & Cult.** 74 (3-4) 149-152
28. Choudhury, S., **Mondal, S.** and Mandal. S.(2008). Stigma receptivity of *Pentapetes phoenicea* Linn. with reference to esterase activity. **Sci.& Cult.** 74 (11-12), 463-465.
29. Biswas K., **Mondal, S.** and Mandal, S. (2009). Pollination biology and role of carpenter bee (*Xylocopa sp*) on fruit set of *Solanum torvum* Swartz. **In Advances in Plant biology** (Eds. S Mandal and S. Bhattacharya), Binapani Educational and Welfare Trust Publ., Kolkata, pp. 374-384.
30. Choudhury, S., **Mondal, S.** and Mandal, S. (2011). Stigma receptivity of *Rauvolfia serpentina* (Linn.) Benth. Ex. Murz with reference to esterase and peroxidase activity. **J. Palynol.** 47: 35-39.
31. Biswas, P., Pal, J.K. and **Mondal, S.** (2011). Diversity and uses of wild edible medicinal plants of the district South Dinajpur, West-Bengal, **Proc. Nat. Sem. on Biotechnological approach to improve medicinal plants.** 146-154.
32. Biswas, P., Pal, J.K. and **Mondal, S.** (2011). Diversity , Productivity and uses of non-cultivated wild edible plants of the district South Dinajpur, West-Bengal. **Wesleyan journal of research.** 4 (2),6-19.
33. **Mondal, S.** and Ghanta, R. (2012). Effect of Sucrose and Boric acid on *In Vitro* Pollen germination of *Solanum macranthum* Dunal. **Indian Journal of Fundamental and Applied Life Sciences.** 2 (2): 202-206.
34. **Mondal, S.** and Ghanta, R. (2012). Studies on *in vitro* pollen germination of *Helecteres isora* Linn. **Indian Journal Plant Sciences.** 1 (1): 36-39.
35. Biswas, K., **Mondal, S.** and Mandal, S.(2012). Floral Biology And Pollen Dispersal of *Croton bonplandianum* Baill. **In Multidiplinary Approaches in Angiosperm Systematics** (Eds.: Maiti. G. and Mukherjee. S.). 2: 756-761.
36. Choudhury, S., **Mondal, S.** and Mandal, S. (2012). "Studies on *In Vitro* Pollen germination of *Rauvolfia serpentina* (L.) Berth.ex.Murz." in '**Biology of Plants and Microbs**' (Eds. Bose and Roy). Sarat Impression Pvt Ltd, Kolkata - 73 . 156-161.
37. Biswas, P. and **Mondal, S.** (2012). Ethnobotanical investigation of wild edible plants of arambagh sub-division of Hooghly district, West Bengal, India. **Life sciences Leaflets.** 8:54-61
38. **Mondal, S.** and Ghanta, R. (2012). Studies on *In Vitro* Pollen germination of *Lawsonia inermis* Linn. **Advances in Bioresearch.** Vol. 3 (3): 63-66.
39. Choudhury, S., **Mondal, S.** and Mandal, S. (2012). Studies on esterase and peroxidase activity of *Carissa carandas* Linn. in relation to Stigma receptivity. **International Journal of Current Research.** 4 (9): 61-62.
40. Biswas, K. **Mondal, S.** and Mandal, S. (2012). Floral biology and pollen dispersal of *Caesalpinia crista* L. **In Medicinal Plants: Various Perspectives.** (Eds. Keshri and Mukhopadhyay).Department of Botany. University Of Burdwan.277-282.

41. Choudhury, S., **Mondal, S.** and Mandal, S. (2013). Studies on *In Vitro* Pollen germination of *Carissa carandas* Linn. **Sci.& Cult.** 79 (1-2): 128-130.
42. Ghanta, R. and **Mondal, S.** (2013). Effect of some nutrients on *In Vitro* Pollen germination of *Crescentian cujete* L. **Cibtech journal of Bio-Protocols.** 2 (1). 1-7.
43. Biswas, K. **Mondal, S.** and Mandal, S. (2013). Roll of Some nutrients on *in-vitro* pollen germination of *Solanum torvum* Swartz. **Cibtech journal of Bio-Protocols.** 2 (1). 32-38.
44. Biswas, K. **Mondal, S.** and Mandal, S. (2013) Floral Biology and pollination of *Solanum sisymbriifolium* Lamk. **International Journal of Current Research.** 5 (6). 1429-1433.
45. Ghanta, R. and **Mondal, S.** (2013). Effect of some nutrients on *In Vitro* Pollen germination of *Withania somnifera* (L.) Dunal. **Annals of Plant Science.** 2 (6). 182-187
46. Ghanta, R. and **Mondal, S.** (2013). *In Vitro* studies on pollen germination of *Abroma augusta*. **Advances in pollen spore research.** 30. 61-68.
47. Biswas, K. **Mondal, S.** and Mandal, S. (2014). Studies on in vitro pollen germination of *Crotalaria sericea* Retzius (Fabaceae). **In Diversity and conservation of plants and traditional knowledge** (Eds: Panda, S and Ghosh, C.). Bishen Singh Mahendra Pal Singh. Dehra Dun. 223-226.
48. Biswas, P. and **Mondal, S.** (2014). Impact of sucrose and Boric acid on *in vitro* pollen germination of *Ceiba pentandra* L. **Indian Journal of applied and Pure biology.** 29 (2): 323-329.
49. Dutta Mudi, M. and **Mondal, S.** (2014). Studies on *in vitro* pollen germination of *Phyllanthus reticulatus* Poir. **Indian Journal of Fundamental and Applied Life sciences.** 4 (3): 367-373
50. Dutta Mudi, M. and **Mondal, S.** (2014). Influence of some nutrients on *in vitro* pollen germination of *Ricinus communis* L. **Cibtech Journal of Bio-Protocols.** 3 (3) :15-20.
51. Ghanta, R. and **Mondal, S.** (2014). Circadian atmospheric pollen incidence of *Alangium salviifolium* (L. f.) Wang. With reference to flower visitors interaction. **Indian Journal of Aerobiology.** 27(1&2):32-36
52. Dey, K., **Mondal, S.** and Mandal, S. (2015). *In vitro* studies on pollen germination of *Cleome viscosa* Linn. **Cibtech Journal of Bio-Protocols.** 4 (1) :15-21.
53. Dutta Mudi, M. and **Mondal, S.** (2015). Studies on the effect of some heavy metals on *in vitro* pollen germination and pollen tube growth of *Ricinus communis*. **J. Palynol.** 51: 59-65.
54. Ghanta, R. and **Mondal, S.** (2015). Circadian atmospheric pollen incidence of *Ixora arborea* Roxb. ex. Sm. with reference to floral biology. **Advances in pollen spore research.** 33. 1-8.
55. Dutta Mudi, M. and **Mondal, S.** (2015). Floral biology, flower visitor interaction, pollen dispersal and pollination of *Ricinus communis* L. **Indian Journal of Aerobiology.** 28(1&2): 55-61.
56. Dey, K., **Mondal, S.** And Mandal, S. (2016). Flower-visitor diversity with reference to pollen dispersal and pollination of *Carica papaya* L. **Int. J. Adv. Res. Biol. Sci.** 3(2): 65-71.

57. Dey, K., **Mondal, S.** And Mandal, S. (2016). Studies on stigma receptivity of *Grewia asiatica* L. with reference to Esterase and peroxidase activity. **Int. J. Eng. Res. Sci.** 2 (1): 120-123.
58. Dey, K., **Mondal, S.** And Mandal, S. (2016). Flower-visitor interaction and fruit production of *Grewia asiatica* L. **Int. J. Curr. Microbiol. App. Sci.** 5(1): 761-767.
59. Dey, K., **Mondal, S.** And Mandal, S. (2016). Studies on *in vitro* pollen germination of *Mitragyna parvifolia* (Roxb.) Korth.. **Int. J. Curr. Microbiol. App. Sci.** 5(1): 768-777.
60. Ghanta, R. and **Mondal, S.** (2016). *In vitro* studies on pollen germination of *Aloe barbadensis* Mill. **International Journal of Current Science.** 19 (2): E 146-153.
61. Das, D., **Mondal, S.** and Mandal, S. (2016). Studies on Some economically important aquatic plants of Katwa subdivision of Burdwan District, West Bengal, India. **Int. J. Curr. Microbiol. App. Sci.** 5 (6): 961-972.
62. Sarkar, N.R., **Mondal, S.** and Mandal, S. (2016). Phytodiversity of Ganpur Forest, Birbhum District, West Bengal, India with reference to their Medicinal properties. **Int. J. Curr. Microbiol. App. Sci.** 5 (6): 973-989.
63. Saha, H., **Mondal, S.** and Mandal, S. (2016). Studies on *in vitro* pollen germination and tube development of *Borassus flabellifer* L. **International Journal of Recent Scientific Research.** 7 (6): 11985: 11989.
64. Ghanta, R. and **Mondal, S.** (2016). Effect of some heavy metals on pollen viability of *Barringtonia acutangula* Gaertn. **J. Palynol.** 52:37-47.
65. Dutta Mudi, M. and **Mondal, S.** (2016). Impact of some nutrients on *in vitro* pollen germination of *Croton tiglium* L. **Advanced in Pollen Spore research.** 34. 15-23.
66. Sarkar, N.R., **Mondal, S.** and Mandal, S. (2016). Studies on *in-vitro* pollen germination of *Holmskioldia sanguinea* Retz. **International Journal of Current Advanced Research.** 5(7):1062-1065.
67. Pal, S. and **Mondal, S.** (2016). An investigation on *in vitro* pollen germination and tube development of *Jacquinia ruscifolia* Jacq. **Int. J. Adv. Res. Biol. Sci.** 3(9): 71-77
68. Das, D., **Mondal, S.** and Mandal, S. (2016). Studies on Some economically important aquatic plants of Katwa subdivision of Burdwan District, West Bengal, India. **International Journal of Current Microbiology and Applied Sciences.** 5 (6): 961-972.
69. Pal, S., Ghanta, R. and **Mondal, S.** (2017). Effect of sucrose and Boric acid on *in vitro* pollen germination of *Asparagus racemosus* Wild. **Advances in Bioresearch.** 8 (2): 190-195.
70. Choudhury, S., **Mondal, S.** and Mandal, S. (2017). Floral phenology, flower-visitor interaction and pollination of *Abrus precatorius* L. **The International Journal of Plant reproductive Biology.** 9 (1):53-58.
71. Sarkar, N.R., **Mondal, S.** and Mandal, S. (2017). Effect of sucrose and boric acid on *in vitro* polyad germination of *Pithecellobium dulce* (Roxb.) Benth. **International Journal of Advanced Biotechnology and Research.** 8 (1): 53-56.
72. Saha, H., **Mondal, S.** and Mandal, S. (2017). Flower-visitors interaction, pollen dispersal and pollination of *Borassus flabellifer* L. **International Journal of Development Research:** 7 (1): 10919-10923.
73. Sarkar, N.R., **Mondal, S.** and Mandal, S. (2017). Distribution of New plant species recorded from Birbhum District, West Bengal, India. **Journal of Botanical Society of Bengal.** 71(1 & 2):85-88.
74. Pal, S. and **Mondal, S.** (2018): Bee-flower interaction, pollen dispersal and pollination of *Feronia limonia* (L.) swing. **Indian Journal Aerobiology.** 29(1 & 2): 42-47.

75. Pal, S. and **Mondal, S.** (2018). Role of some nutrients on *in vitro* pollen germination and tube development of *Hedychium coronarium* Koenig. In **Defining Modern Biology: Plants and Microbes** (Eds. Sarkar *et al.*) pp.45-51.
76. Pal, S. and **Mondal, S.** (2018): Studies on *in vitro* pollinium germination of *Oxystelma esculentum* (L.f.) Sm. **J. Palynol.** 54:37-44.
77. Ghanta, R. and **Mondal, S.** (2018). Impact of different heavy metals on pollen viability of *Crescentia cujete* L. **J. Palynol.** 54:77-84.
78. Pal, S. and **Mondal, S.** (2018): Floral biology, breeding system and pollination of *Pterocarpus marsupium* Roxb. **The International Journal of Plant reproductive Biology.** 10(2):172-177.
79. Das, D., **Mondal, S.** and Mandal, S. (2018). Studies on pollen viability and *in vitro* pollen germination of *Nymphoides indica* (L.) Kuntz. **International Journal of Research and analytical Reviews.** 5(3):461-467.
80. Oraon, S. and **Mondal, S.** (2018). Circadian Atmospheric Pollen Incidence of *Hyptis suaveolens* (L) Poit. **Indian Journal of Aerobiology**, 31 (1&2): 23-27.
81. Pal, S. and **Mondal, S.** (2019). Floral biology, breeding system and pollination of *Oxystelma esculentum* (L.f.) Sm. **The international journal of plant reproductive biology** 11(2):176-181.
82. Oraon, S. and **Mondal, S.** (2020). Studies on Allelopathic Effect of Aqueous Leaf Extract of *Putranjiva roxburghii* Wall. on Seed Germination and Early Growth of Chickpea (*Cicer arietinum* L.). **Indian Journal of Agricultural Research**, 54 (2): 193-198. <https://doi.org/10.18805/IJARE.A-5319>.
83. Oraon, S. and **Mondal, S.** (2021). Allelopathic effect of Lamiaceous weeds on seed germination and early growth of aromatic rice (*Oryza sativa* 'Gobindobhog'). **Acta Agrobotanica**, 74: 741. <https://doi.org/10.5586/aa.741>.

Annexure-II

- A. PARTICIPATION/PRESENTATION OF PAPERS IN SEMINARS/SYMPIOSIUMS/CONFERENCES etc.**
1. **Mondal, S.,** Bhattacharya, K.N. and Mandal, S. 1991. Studies on *in vitro* pollen germination of *Holarrhena antidysenterica* Wall. 78th Session of the Indian Science Congress Association, January 3-8, 1991. Indore.
 2. **Mondal, S.,** Bhattacharya, K.N. and Mandal, S. 1991. *In vitro* pollen germination of *Alstonia scholaris* R.Br. National Symposium "Plant Sciences in the Nineties", March 12-14, 1991. University of Kalyani, Kalyani, West Bengal.
 3. **Mondal, S.,** Bhattacharya, K.N. and Mandal, S. 1991. Floral Biology, pollen production and dispersal in *Morus indica* L. and *Peltophorum innerme* (Roxb.) Llanos. 6th National Conference of Aerobiology, October 6-12, 1991. Pondicherry.
 4. **Mondal, S.,** Bhattacharya, K.N. and Mandal, S. 1993. Floral biology and pollen dispersal in *Azadirachta indica* A. Juss. (Meliaceae) and *Lagerstroemia speciosa* (L. Ex Murray) Pers. (Lythraceae). 7th National Conference on Aerobiology, November 5-8, 1993. Gwalior.
 5. **Mondal, S.,** Bhattacharya, K.N. and Mandal, S. 1994. Anthesis and pollen dispersal of some angiospermic plant taxa. 5th International Conference on Aerobiology, August 10-15, 1994. **Bangalore.**
 6. **Mondal, S.,** Bhattacharya, K.N. and Mandal, S. 1994-95. Floral biology of some medicinally important plant taxa. International Conference on Current progress in Medicinal and Aromatic Plant Research. December 30, 1994 - January 1, 1995, **Calcutta.**

7. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. 1995. Floral biology of some angiospermic plant taxa. National Symposium on Sustainable Agriculture in Sub-humid Zone, March 3-5, 1995. Institute of Agriculture, Sriniketan, West Bengal.
8. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. 1995. Floral biology and pollination mechanism of some leguminous plant. National Seminar on Recent Advances in Plant Sciences, April 11-12, 1995. Calcutta.
9. Bhattacharya, A., **Mondal, S.** and Mandal, S. 1997. Atmospheric pollen incidence of some entomophilous trees with reference to its dispersal. National Conference on Environmental biopollution. 16th - 18th March, 1997. Kanpur.
10. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. 1997. Floral biology and pollen dispersal of *Murraya paniculata* (L.) Jack. 9th National Conference on Aerobiology., 27-30 November, 1997. Hyderabad.
11. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. 1999. Pollination mechanism of two Leguminous plants. 19th National Conference on Aerobiology and its Applications. 20-22 December, 1999. Visakhapatnam.
12. **Mondal, S.**, Malik, U.S. and Mandal, S. 2001. Eco-distribution Mapping of Medicinal Plants of Birbhum district, West Bengal - A case study. XXIIInd Conference of Institute of Geographers and IGU Commission meeting on Land degradation and desertification. 9-11 January, 2001, Visva-Bharati, Santiniketan.
13. Participated in the DSA (UGC) Seminar (March 24, 2001), held in the Department of Zoology, Visva-Bharati, Santiniketan.
14. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. 2003. Bat - A Pollinator of *Kigelia pinnata* (Jack) A. DC. International Symposium on Diversity of Reproductive Systems in Plants : Ecology, Evolution and Conservation. 16-17 October, 2003, **Hokkaido University, Sapporo, Japan.**
15. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. 2003. Floral Biology and Pollination of *Spathodea campanulata* Beauv. 12th National Conference on Aerobiology, 9-11 November, 2003, Visva-Bharati, Santiniketan.
16. Participated in the workshop on “Herbarium Technique and Methodology” organised by Botanical Survey of India (Ministry of Environment and Forest, Govt. of India), IBG, Kolkata, 10th April’ 2004.
17. Participated in the workshop on “Biosystematics and conservation of plant diversity” organised by the CEMDE, school of environmental studies, University of Delhi, Nov.29-Dec.13 ,2004.
18. **Mondal, S.**, Bhattacharya, K.N. and Mandal, S. 2005. Floral biology and pollen dispersal of *Alstonia scholaris* R.Br. 13th National Conference on Aerobiology, Jan.31- Feb.2, 2005, Institute of science, Nagpur.
19. Participated in the workshop on “Herbarium Technique and Methodology” organised by Botanical Survey of India (Ministry of Environment and Forest, Govt. of India), IBG, Kolkata, 25-26 March, 2006.
20. Choudhury, S. ,**Mondal , S.** and Mandal. S. 2008. Floral biology and pollination of *Carissa carandus* Linn., xviii Annual conf. of IAAT and International seminar on Angiosperm systematics, Kalyani University, 11-13 th Oct. 2008
21. Biswas K., **Mondal, S.** and Mandal, S. 2008. Floral Biology And Pollen Dispersal Of *Croton bonplandianum* Baill. xviii Annual conf. of IAAT and International seminar on Angiosperm systematics, Kalyani University, 11-13 th Oct. 2008

22. Participated in the workshop on “Taxonomy, Reproductive biology and Conservation” organised by the CEMDE, School of Environmental Studies, University of Delhi, Feb. 18-27, 2009.
23. Participated in the National Symposium on Advances in Plant Science, Agri-Biotechnology and Food Security held at Visva-Bharati, Santiniketan, West Bengal, April-10, 2009.
24. Participated in the “International Conference on Global Climate Change” held at Siksha-Bhavana, Visva-Bharati from; organised by Centre for Environmental Studies & Integrated Science, Education & Research Centre, Siksha-Bhavana, Visva-Bharati, .19-21 February, 2010.
25. Choudhury, S., **Mondal, S.** and Mandal. S. 2009. Plant-insect interaction of some angiospermic taxa in relation to fruit-set. XIX Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on Angiosperm Systematics & Phylogeny; Retrospects & Prospects, organised by the NBRI, Lucknow, India, Nov-12-14, 2009.
26. Biswas K., **Mondal, S.** and Mandal, S. 2009. Floral Biology and Pollen Dispersal of *Solanum torvum* Swartz. XIX Annual Conference of Indian Association for Angiosperm Taxonomy and International Symposium on Angiosperm Systematics & Phylogeny; Retrospects & Prospects, organised by the NBRI, Lucknow, India, Nov-12-14, 2009.
27. Choudhury, S., **Mondal, S.** and Mandal. S. 2010. Stigma Receptivity of *Rauvolfia serpentina* L. Benth ex. Murz with reference to esterase and peroxidase activity. National Conference On Biodiversity & Natural Resource Utilization held at Botany Department, Visva-Bharati; 14-16 March 2010
28. Participated in the Workshop on ‘Apiculture: Training & Methodology, Jointly organised by Bose Institute & Department of Biotechnology, Govt. of West- Bengal, held at Santiniketan Sishutirtha, Ballavpurdanga, Sriniketan on 26 September, 2010
29. **Mondal, S** Choudhury, S. and Mandal, S. 2010. Floral Biology and Pollen Dispersal of *Pentapetes phoenicea* Linn. 16th National Conference on Aerobiology & National Symposium on Application of Biotechnology in Environment Management & Medicine held at Bapuji Institute of Engineering and Technology, Davangere, Karnataka, Nov. 19-21, 2010.
30. Participated in the National Conference on diversity and Biotechnology of Cryptogams held at Department of Botany Visva-Bharati; Jointly organized by the Dept. of Botany & Centre for Biotechnology, Visva-Bharati. 3-5 December 2010.
31. Participated in the UGC- Sponsored Short Term Course for Professional Development of Senior Teachers in Botany on the theme “Integrated Biology- A New Paradigm” organised by Academic Staff College & University of Calcutta held at University of Calcutta, Kolkata, W.B, March-01-04,2011.
32. Participated in the National Seminar on Science and Nature: Tagore’s Vision and Its Relevance held at Visva-Bharati, Santiniketan, West Bengal, March-12-13, 2011
33. **Mondal S.** and Ghanta R. 2011. “Flower-visitor interactions and pollination of *Vitex negundo* L.” . National Seminar on “Modern Ethnobotany : Its concepts and relevances. Held at Department of Botany, Garbheta College. Paschim Medinipur, W.B. on 8th and 9th November. 2011.
34. Ghanta R. and **Mondal S.** 2011. “Studies on Floral Biology and Pollination of *Clitoria ternatea* Linn.” National Seminar on “Essence of Medicinal Plants With

Special Reference to Its Cultivatiion, Conservation & Sustainable Exploration” Held at Department of Bioscience, Vivekananda Mahavidyalaya, Haripal, Hoogly, W.B. on 9th December . 2011.

35. Sarkar., N. R. **Mondal, S.** and Mandal. S. 2011. “Studies on *In vitro* pollen germination of *Holmskioldia sanguine* Retz. ” National seminar cum workshop on Probing Biology : *in vivo, in vitro and in silico*- II. Held at Department of Botany, Visva-Bharati. On 3rd and 4th December. 2011.
36. Biswas., K., **Mondal, S.** and Mandal. S. 2011 . “Floral Biology and Pollination of *Crotalaria sericea* Retz.”National Symposium on “Plant Diversity and Resources: Evolution, Analyses, Stress and Challenges and Palaeophytodiversity: Its Aspects and Prospects”. Held at Department of Botany, University of Calcutta, Kolkata on 20-22 December. 2011.
37. Choudhury, S., **Mondal, S.** and Mandal. S. 2012. Studies on *in-vitro* pollen germination of *Rauvolfia serpentina* (L.) Benth.in the National seminar on Recent advances in Microbial Biotechnology held at Kabi Nazrul College, Murarai, Birbhum on 10th and 11th January, 2012.
38. Participated in the Workshop on ‘ People’s Biodiversity register of Birbhum district, West Bengal jointly organized by Department of Botany Visva-Bharati and West Bengal Biodiversity Board, Kolkata on 8th January, 2012.
39. Participated in the UGC sponsored Workshop on ‘Medicinal plants- Biodiversity, Sustainable Utilization and Cultivation, held at Department of Botany Visva-Bharati, organized by Department of Botany, Visva-Bharati on 14-15 January, 2012
40. Participated in the National conference on Utilization of plant & microbial resources. Held at Department of Botany, Visva-Bharati. On 17th and 18th March, 2012.
41. Participated in the One day Workshop on National E-Governance Plan (NEGP). Held At Visva-Bharati Santiniketan. 3rd December, 2012.
42. **Mondal, S.**, Bhattacharya, K. N. and Mandal, S. 2012. Floral Biology and Pollen Dispersal of *Mimusops elengi* L.” 17th National Conference on Indian Aerobiological Society, Pune-December, 2012 On “Impact of Airborne Microbes”. Jointly organized by MAEER’s Arts, Commerce & Science College, Pune and MAEER’s Maharashtra Institute of Pharmacy, Pune. during 13th-15th December, 2012.
43. Biswas, K., **Mondal, S.** and Mandal, S. 2012. “Floral biology and pollen dispersal of *Turnera ulmifolia* Linn.” 17th National Conference on Indian Aerobiological Society, Pune-December, 2012 On “Impact of Airborne Microbes”. Jointly organized by MAEER’s Arts, Commerce & Science College, Pune and MAEER’s Maharashtra Institute of Pharmacy, Pune. during 13th-15th December, 2012.
44. Biswas, K., **Mondal, S.** and Mandal, S. 2013. Floral Biology and pollen dispersal of *Caesalpinia crista* L. 100th Indian Science Congress. Calcutta University, Kolkata. 3-7 January, 2013.
45. **Mondal, S.** and Ghanta. R, 2013. Floral biology, flower visitor interaction and pollination of *Helicteres isora* L. 5th Indian Youth Science Congress. Held at Visva-Bharati, Santiniketan. 6th -9th December, 2013.
46. Participated in the “Two- day workshop on Plant Diversity: Utilisation and climate change ” Organized by Visva-Bharati. 19-20th March, 2014.

47. Participated in the “Capacity Building Training Course in Plant Taxonomy” organized by the ENVIS centre on Floral Diversity, Ministry of Environment & Forests, BSI. 22-23rd March, 2014.
48. **Mondal, S.** 2014. “Pollen dispersal and pollination of Indian gooseberry- *Phyllanthus emblica* L.” in the "International Symposium on Conservation and management of pollinators for sustainable agriculture and ecosystem services" held at Indian Agricultural Research Institute, New Delhi, India from September 24-26, 2014.
49. **Mondal, S.** and Dutta Mudi, M. 2014. “Floral biology, flower – visitor interaction and pollination of *Gelonium multiflorum* A. Juss.” in the " International Conference On Nonlinear Dynamics and its Applications In Physical and Biological Sciences (CNDAPBS-14)" held at Darjeeling Govt. College, Darjeeling, West Bengal, India . 1-3 November, 2014.
50. **Mondal, S.,** Bhattacharya, K. and Mandal S. 2014“Flower-visitor interaction and pollination of *Mesua ferrea* L.” in the "National symposium on plant diversity: structure, function, utilization and conservation" held at the University of Calcutta, Kolkata. during 4-6 December, 2014.
51. **Mondal, S.** and Ghanta, R.. 2015. “Pollen dispersal and pollination in *Barringtonia acutangula* Gaertn.” in the “Natonal Seminar on Conteporary pregress in plant sciences” held at The University of Burdwan, Burdwan.during 20-21 March, 2015.
52. **Mondal, S.** 2015. Flowering phenology and pollen dispersal of two taxa of Euphorbiaceae. 18th biennial meeting and National conference of Indian Aerobiological society on ‘Impact of aerosols on health, heritage and environment (NCIAHHE-2015)’ held in the Tumkur University, Tumakuru, Karnataka during 28-30 September, 2015
53. **Mondal, S.** 2015. Flower-visitor interaction and pollination of *Murraya paniculata* (L.) Jacq. National symposium on Bioresources and sustainable development and 2nd National bioresources and sustainable development summit held in the department of Botany, NEHU, Shillong during 28 – 29 October, 2015.
54. **Mondal, S.** and Dutta Mudi, M. 2015. Flowering phenology and pollination of *Putranjiva roxburghii* Wal. . National symposium on Bioresources and sustainable development and 2nd National bioresources and sustainable development summit held in the department of Botany, NEHU, Shillong, during 28 – 29 October, 2015.
55. **Mondal, S.** 2016. Bird-flower interaction and pollination of some plants from lateritic belt of West Bengal. “Harmony 2016:National Conference on harmony with nature in context of resource conservation and climate change” Jointly organized by Departments of Zoology, Botany, Biotechnology & Geology, Held at Vinoba Bhave University Hazaribug, Jharkhand, India, during 22 -24 October, 2016.
56. **Mondal, S.** 2017. Floral Biology, Flower-Visitor Interaction And Pollination Of Two Species Of Euphorbiaceae. National Seminar on ‘Advances in biological science research’ held at Nagaland University, Lumami, Nagaland, during 28 February, 2017 -1st March, 2017
57. **Mondal, S.** 2017. Pollination Biology and Conservation of Bio-resources. National Seminar on “Biodiversity Conservation And Livelihood Management In Similipal Biosphere Reserve, Odisha (BCLMSBR-2017)”. Held at North Orissa University, Baripada, Odisha, during 29-30 March, 2017
58. **Mondal, S.** 2018. Pollen Dispersal And Pollination Of Some Species Of Euphorbiaceae. XX National Conference on Aerobiology-2018 ‘Airborne Pollen and Spores: Assessment,

Impact and Scope (2018). Held at Department of Botany, Sant Gadge Baba Amravati University, Amravati. 29 -31 January, 2018.

59. **Mondal, S.** 2018. Pollination– a key service for sustainable ecosystem. National Seminar on "Trends in Contemporary Research in Plant Science" held at Department of Botany and Forestry, Vidyasagar University, Midnapore. 29-30 March, 2018.
60. **Mondal, S.** 2019. Pollination: a key service for Sustainable Development and Biodiversity Conservation. National Symposium on "Current Trends and Future Prospects in Plant Science Research" held at Centre of Advanced Study in Botany, Institute of Science, Banaras Hindu University, and Varanasi. 1-3 February, 2019.
61. Participated in the National Seminar on National seminar on “Plant and microbial resources: utilization and conservation”. Held at the Departments of Botany, Visva-Bharati, Santiniketan, West bengal, India. During 15-16 March, 2019.
62. Participated in the 21st National Conference on Aerobiology held at the Department of Botany, Visva-Bharati, Santiniketan during 18 -20 November, 2019.

B. REFRESHER COURSE ATTENDED

1. UGC sponsored 5th Refresher Course (March 11-31, 2001) in Life Sciences, held at Visva-Bharati, Santiniketan.
2. UGC sponsored 7th Refresher Course (January 12 – February 1, 2003) in Life Sciences, held at Visva-Bharati, Santiniketan.
3. UGC sponsored 9th Refresher Course (February 12 – March 4, 2005) in Life Sciences, held at Visva-Bharati, Santiniketan.