



GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY

PASCHIM MEDINIPUR, PIN 721135, WEST BENGAL

1. Name: DR. SUSANTA KUMAR MAITY

2. Designation Assistant Professor

3. Department: BOTANY

4. Highest academic degree: M.Sc, Ph.D

5. Specialization: TAXONOMY AND ECOLOGY

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8. Date of joining to the service: 16.12.2008



9. Colleges served:

Name of the College	From	Till
Chandernagore College	16.12.2008	09.06.2015
Govt. General Degree College at Keshiary	10.06.2015	Till date

10. Area of research interest:

1 Tissue Culture

11. Publications:

Paper/Research article		Book/book-chapter		Citation	ΣIF	h-index	i-index	Abstracts
International	National	International	National					
3	5							12

12. Awards/achievement of special mention:

1

13. Research project/extramural grant mobilized:

Funding agency/body	Amount(Rs.)	Name of the research project	From	Till

14. Patent (International/National)

15. Editorial board member/ Reviewer of any journal/literary body:

16. Member of learned society:

17. List of full length publications (year wise in descending order):

- 8 Susanta Kumar Maity*, Achintya Kumar Samanta, Allelopathic influence of *Eupatorium odoratum* L. on germination and seedling growth of some pulses , International Research Journal of Basic and Applied Sciences. Vol.5:91-97, 2020, ISSN: 2455-6718
- 7 Susanta Kumar Maity, Conservation of medicinally important plant through somatic embryogenesis : case study with *Eupatorium ayapana* vent. (asteraceae), J. Environ. & Sociobiol.: 17(1) : 49-56, 2020, ISSN: 0973-0834
- 6 Susanta Kumar Maity*, Nilay Kumar Maitra, Cytotoxic effects induced by the fungicide dithane m-45 to gram (*Cicer arietinum* L.), International Research Journal of Basic and Applied Sciences. Vol.4:52-58, 2019, ISSN: 2455-6718
- 5 Susanta Kumar Maity, A micropropagation technique of *Hemidesmus indicus* (Asclepiadaceae), a valuable medicinal plant, Flora and Fauna, 2018. Vol. 24, no. 1, 16-20, ISSN: 0971-6920
- 4 **Susanta Kumar Maity**, Cytogenetic effects of fungicide Fludioxonil on root meristem cells of *Lens esculenta* l. Indian Journal of Applied & Pure Bio. Vol. 33(1), 2018, Page no. 99-102, ISSN: 0970-2091
- 3 **Susanta Kumar Maity**, Effects of Dithane M-45 (a fungicide) on root meristem of *Vigna mungo* (L.) hepper. International Journal of Advanced Research in Engineering and Applied Sciences , Vol. 3, No. 4, April 2014, ISSN: 2278-6252
- 2 **Susanta Kumar Maity**, In vitro clonal propagation of *Mentha arvensis* through callus culture. International Journal of Advanced Research in Engineering and Applied Sciences , Vol. 2, No. 8, August 2013:1-9, ISSN: 2278-6252
- 1 **Susanta Kumar Maity**, High frequency plant production via shoot organogenesis in *Leucosceptrum canum* Smith, only short tree of Lamiaceae, Geophytology, 42(2), February, 2013:139-145, ISSN: 0376-5561

18. List of published abstract (year wise in descending order):

- Susanta Kumar Maity*, Poster Presentation , Department of Botany, Midnapore College (Autonomous), Midnapore, "Micropropagation of *Leucosceptrum canum* Smith, only short tree of Lamiaceae by axillary shoot culture".
- 12 Susanta Kumar Maity*, Oral Presentation , Department of Botany, Ramnagar College, "Conservation of Horticulturally imp. plant through micropropagation: A case study with *Mussaenda erythrophylla* Schum and Thom cv. Scarlet". 16.03.2019
 - 11 Susanta Kumar Maity*, Poster Presentation , Sidho-Kanho-Birsha University, Purulia and Dept. of Science and Technology and Biotechnology, Govt. of W.B., "Viviparous germination in *Carica papaya* L. and its economic value".
 - 10 Susanta Kumar Maity*, Poster Presentation , Department of Botany, Midnapore College, "Rapid and large scale micropropagation technique of *Hemidesmus indicus* R. Br. (Asclepiadaceae), which is a valuable medicinal plant".
 - 9 Susanta Kumar Maity*, Oral Presentation , Department of Botany, Ramnagar College, "Vanishing *Dioscorea deltoidea* Wall. Ex Kunth (Dioscoreaceae) due to unsustainable exploitation and climate change". 06.03.2018
 - 8 Susanta Kumar Maity*, Oral Presentation , Department of Geography, Nayagram Pandit Raghunath Murmu Govt. College, Baligeria, "Rapid and large scale micropropagation of true to type clone of *Eupatorium odoratum* Vent. (Asteraceae) isa valuable medicinal plant all over India". 09.02.2018
 - 7

- 6 Susanta Kumar Maity*, Oral Presentation , Department of Botany, Raja Rammohun Roy Mahavidyalaya, "Ethnobotanical uses of medicinal plants of Keshiary block, Paschim Medinipur". 30.01.2018
- 5 Susanta Kumar Maity*, Oral Presentation , Department of Botany (UG & PG), Midnapore College, "In vitro clonal propagation of *Mentha piperita* through Somatic embryogenesis".
- 4 Susanta Kumar Maity*, Oral Presentation , Department of Botany & Forestry, Vidyasagar University, "In vitro clonal propagation of *Mentha arvensis* through callus culture".
- 3 Susanta Kumar Maity*, Oral Presentation , Department of Zoology, Chandernagore College, "Historical field study by Darwin vs present day field study".
- 2 Susanta Kumar Maity*, Oral Presentation , Department of Zoology, SSM. Majalgaon, Maharashtra, "Effects of Dithane M-45 (a fungicide) on root meristem of *Vigna mungo* (L.) hepper".
- 1 Susanta Kumar Maity*, Oral Presentation , Department of Botany, Vivekananda Mahavidyalaya, Haripal, Hooghly, "High frequency plant production via shoot organogenesis in *Leucosceptum canum* Smith, only short tree of Lamiaceae."

19. List of Seminar/Workshop/Conference/Symposium attended (year wise in descending order):

- 13 National Seminar on "Recent Advances in Plant Science" (NSRAPS2020); organized by Department of Botany, Midnapore College (Autonomous), Midnapore,
- 12 National Seminar on "Local Biodiversity: Documentation and Conservation" organized by Department of Botany, Ramnagar College, 16.03.2019
- 11 State Level Seminar on "3rd Regional Science and Technology Congress (Western Region), 2018" organized by Sidho-Kanho-Birsha University, Purulia and Dept. of Science and Technology and Biotechnology, Govt. of W.B., 20.12.18-21.12.18
- 10 National Seminar on "Biotechnology in Human Welfare" organized by Department of Botany, Midnapore College, 15.12.2018
- 9 National Seminar on "Climate Change: It's Consequences" organized by Department of Botany, Ramnagar College, 06.03.2018
- 8 National Seminar on "The Menace of Global Climate Change" organized by Department of Geography, Nayagram Pandit Raghunath Murmu Govt. College, Baligeria., 09.02.2018
- 7 National Seminar on "Local Biodiversity" organized by Department of Botany, Raja Rammohun Roy Mahavidyalaya, 30.01.2018
- 6 National Seminar on "Biotechnology in Human Welfare" organized by Department of Botany, Midnapore College, 15.12.2018
- 5 UGC Sponsored National Seminar On "Plants and microbes in human welfare and sustainability (NSPM-2017)" organized by Department of Botany (UG & PG), Midnapore College, 24.02.2017
- 4 National Seminar on "On Medicinal Plants (NSMP-2016)" organized by Department of Botany & Forestry, Vidyasagar University, 16.02.2016 to 17.02.2016
- 3 National Seminar on "Values of field studies in Building Biodiversity Perception:Teaching Beyond Classroom. " organized by Department of Zoology, Chandernagore College, 13.09.2014
- 2 An Interational Seminar on "The Progress & Prospect of 21st Century Research in Advance Life Sciences " organized by Department of Botany, Vivekananda Mahavidyalaya, 15.02.2014 to 17.02.2014
- 1 National Seminar on "Animal diversity: its conservation and management for sustainable development" organized by Department of Zoology, SSM. Majalgaon, Maharashtra, 03.10.2013 to 04.10.2013