



# GOVERNMENT GENERAL DEGREE COLLEGE, KESHIARY

PASCHIM MEDINIPUR, PIN 721135, WEST BENGAL

1. Name: SUSANTA KUMAR MAITY
2. Designation: Assistant Professor (W.B.E.S)
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
GGDC, KESHIARY	10.06.2015	Till date

10. Area of research interest:

- 1 TISSUE CULTURE
- 2
- 3
- 4
- 5

11. Publications:

Paper/Research article		Book/book-chapter		Citation	ΣIF	h-index	i-index	Abstracts
International	National	International	National					
6	10							

12. Awards/achievement of special mention:

NA

- 4
- 3
- 2
- 1

13. Research project/extramural grant mobilized:

NA

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

14. Patent (International/National) NA

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

2

1

16. Member of learned society: NA

3

2

1

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

16	Achintya Kumar Samanta <sup>1</sup> and *Susanta Kumar Maity. An inventory of potential medicinal plants common in Purba and Paschim Medinipur districts of West Bengal, India to Treat leprosy. Flora and Fauna, Vol. 30 (1): 160-166, 2024, 0971-6920
15	*Achintya Kumar Samanta <sup>1</sup> , Susanta Kumar Maity <sup>2</sup> , and Sauris Panda <sup>3</sup> . Survey of monocot ethno-medicinal plants in Purba Medinipur, Paschim Medinipur and Jhargram districts of West Bengal, India. Flora and Fauna, Vol. 29 (1): 19-28, 2023, 0971-6920
14	Achintya K Samnata&Susanta Kumar Maity, An inventory of enthnomedicinal climbers from the southern part of West Bengal. Flora and Fauna, Vol. 27 (1): 85-95, 2021, 0971-6920
13	Susanta Kumar Maity & Achintya K Samnata, Allelopathic influence of <i>Eupatorium odoratum</i> L.on germination and seedling growth of some pulses. International Research Journal of Basic and Applied Sciences. Vol.5:91-97, 2020
12	Susanta Kumar Maity, Conservation of medicinally important plant through somatic embryogenesis : case study with <i>Eupatorium ayapana</i> vent. (asteraceae). J. Environ. &Sociobiol.: 17(1) : 49-56, 2020
11	Susanta Kumar Maity, Cytotoxic effects induced by the fungicide dithane m-45 to gram ( <i>Cicer arietinum</i> l.) . International Research Journal of Basic and Applied Sciences. Vol.4:52-58, 2019
10	Susanta Kumar Maity, A micropropagation technique of <i>Hemidesmus indicus</i> (Asclepiadaceae), a valuable medicinal plant. Flora and Fauna, 2018. Vol. 24, no. 1, 16-20
9	Susanta Kumar Maity, Cytogenetic effects of fungicide Fludioxonil on root meristem cells of <i>Lens esculenta</i> l. Page no. 99-102, Indian Journal of Applied & Pure Bio. Vol. 33(1), 2018
8	Susanta Kumar Maity, Effects of Dithane M-45 (a fungicide) on root meristem of <i>Vigna mungo</i> (l.) hepper. International Journal of Advanced Research in Engineering and Applied Sciences, Vol. 3, No. 4, April 2014
7	<i>Susanta Kumar Maity, In vitro</i> clonal propagation of <i>Mentha arvensis</i> through callus culture,International Journal of Advanced Research in Engineering and Applied Sciences, Vol. 2, No. 8, August 2013:1-9
6	Susanta Kumar Maity, High frequency plant production via shoot organogenesis in <i>Leucosceptrum canum</i> Smith, only short tree of Lamiaceae,Geophytology, 42(2), February,2013:139-145
5	Maity SK and Kundu AK. <i>In vitro</i> clonal propagation Maity SM and Kundu AK. of <i>Mentha arvensis</i> through callus culture, International Journal of Advanced Research in Engineering and Applied Sciences:Vol. 2, No. 8, August 2013:1-9
4	Maity SK and Kundu AK. High frequency plant production via shoot organogenesis in <i>Leucosceptrum canum</i> Smith, only short tree of Lamiaceae, <i>Geophytology</i> : 42(2), February,2013:139-145
3	Maity SK and Kundu AK. Rapid and large scale micropropagation of true to type clone of <i>Mentha arvensis</i> Linn. (Lamiaceae) a valuavle medicinal plant, <i>Indian Journal of Applied and Pure Biology</i> : 26(2), 2011:193-198

2	Maity SK and Kundu AK. <i>In vitro</i> regeneration through multiple shoots of <i>Wedelia chinensis</i> (Osbeck) Merr. As a valuable medicinal plant. <i>Flora and Fauna</i> 16(2),2010:207-212
1	Maity SK and Kundu AK. Micropropagation of medicinal plants II. <i>Wedelia chinensis</i> (Osbeck) Merr. <i>Bionature</i> ,30(2), 2010:139-145

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

- 6
- 5
- 4
- 3
- 2
- 1

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

- 11 International Level Seminar, High frequency plant production via shoot organogenesis in *Leucosceptum canum* Smith, only short tree of Lamiaceae. The Progress & Prospect of 21st Century Research in Advance Life Sciences, Department of Botany, Vivekananda Mahavidyalaya,
- 10 State Level, Department of Zoology, Chandernagore College, Values of field studies in Building Biodiversity Perception: Teaching Beyond Classroom, Historical field study by Darwin vs present day field study
- 9 On Medicinal Plants (NSMP-2016), In vitro clonal propagation of *Mentha arvensis* through callus culture through Somatic embryogenesis
- 8 National Level, Department of Botany (UG & PG), Midnapore College, UGC Sponsored National Seminar On Plants and microbes in human welfare and sustainability (NSPM-2017), In vitro clonal propagation of *Mentha piperita*
- 7 Rapid and large scale micropropagation of true to type clone of *Eupatorium odoratum* Vent. (Asteraceae) is a valuable medicinal plant all over India, The Menace of Global Climate Change. Department of Geography, Nayagram Pandit Raghunath Murmu Govt. College, Baligeria. Dt. 09.02.2018.
- 6 Ethnobotanical uses of medicinal plants of Keshiary block, Paschim Medinipur. Local Biodiversity, Department of Botany, Raja Rammohun Roy Mahavidyalaya, Dt. 30.01.2018
- 5 National Level, Department of Botany (UG & PG), Midnapore College, UGC Sponsored National Seminar On Plants and microbes in human welfare and sustainability (NSPM-2017), In vitro clonal propagation of *Mentha piperita* through Somatic embryogenesis
- 4 National Level, Department of Botany & Forestry, Vidyasagar University, National Seminar On Medicinal Plants (NSMP-2016), In vitro clonal propagation of *Mentha arvensis* through callus culture
- 3 State Level, Department of Zoology, Chandernagore College, Values of field studies in Building Biodiversity Perception: Teaching Beyond Classroom, Historical field study by Darwin vs present day field study
- 2 National Level, Department of Zoology, SSM. Majalgaon, Maharashtra, Animal diversity: its conservation and management for sustainable development, Effects of Dithane M-45 (a fungicide) on root meristem of *Vigna mungo* (L.) hepper.
- 1 International Level Seminar, High frequency plant production via shoot organogenesis in *Leucosceptum canum* Smith, only short tree of Lamiaceae. The Progress & Prospect of 21st Century Research in Advance Life Sciences, Department of Botany, Vivekananda Mahavidyalaya,

