

MOUTUSHI SEN



Contact: 9433201841
Qualification: M. Sc. in Botany
Designation: Assistant Professor
Teaching Experience (in years): UG: 14 years PG: 8 years
Research Experience (in years): 9 years
Date of Joining Present Institution: 20.02.2015
Institutions/Companies Previously Served:

Name of Institution/Company	Designation	Tenure	
		From	To
Chandernagore College	Part Time Lecturer	Aug.2006	Mar. 2007
Hooghly Mohosin College	Part Time Lecturer	July 2006	Aug.2008
Moulana Azad College	Part Time Lecturer	Sep. 2007	Nov. 2008
Scottish Church College	CWTT	Jul.2009	Feb. 2015

Examinations cleared: NET-CSIR /SET

Specialization/Research Interest: Cell biology, Molecular genetics and Plant tissue culture.

Courses taught

	B.Sc Honours	B.Sc. Program
Semester-I	Phytopathology	-
Semester-II	Plant Anatomy	-
Semester-III	Economic Botany	Morphology, Plant Taxonomy and Plant Anatomy
Semester-IV	Biochemistry & Pharmacognosy	-
Semester-V	Cell Biology and Genetics	-
Semester-VI	Plant Biotechnology and Tissue culture	Nursery and Gardening

Online Mode of Teaching

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

Publications

Journals:

1. Gouranga Upadhyaya, **Moutushi Sen** and Amitava Roy* (2014), Comparative study of *in-vivo* & *in-vitro* raised seedlings of *Oryza sativa* L. *Indian Journal of Scientific Research*, 5(2):109-117, ISSN: 0976-2876 (Print), ISSN: 2250-0138 (Online).
2. Gouranga Upadhyaya, **Moutushi Sen** and Amitava Roy* (2015), In vitro callus induction and plant regeneration of rice (*Oryza sativa* L.) var. 'Sita', 'Rupali' and 'Swarna Masuri', *Asian Journal of Plant Science and Research*, 5(5):24-27. [ISSN 2249-7412]

Book Chapters:

1. Nibedita Chakraborty, Priyanka Chakraborty, **Moutushi Sen**, Rajib Bandopadhyay (2020), Choice of Explant for Plant Genetic Transformation, in *Biostic DNA Delivery in Plants, Methods and Protocols*, ISSN 1064-3745 ISSN 1940-6029 (electronic), Pp. 107-124, Humana Press. Springer.
<https://doi.org/10.1007/978-1-0716-0356-7>

Conference Proceedings:

1. Satadru Ghosh. **Moutushi Sen**, Amitava Roy (2013), Comparative study of metabolites of *in-vivo* & *in-vitro* derived tissues of *Catharanthus roseus*, *National Conference on Animal Biodiversity: It's Conservation and Management for Sustainable Development*, pp. 71-74. [ISBN 978-1-62951-081-1]
2. Anindita Chatterjee, **Moutushi Sen**, Prabir Kumar Saha and Amitava Roy (2014), Study of primary and secondary metabolites of *Nicotiana tabacum* L. in different combinations of growth regulators. *J. Bot. Soc. Bengal* 68(2) : 101-104.
3. Arpita Karmokar, **Moutushi Sen** & Amitava Roy, Comparison of mercury & cadmium with respect to genotoxic effects on plant chromosomes. *National Technology, Science and Society Regarding Global Challenges*. 289-296. 2015. [ISBN 978-93-80761-88-6]

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

1. Oral Presentation on "Biochemical Characterization from the leaves and fruits of *Morinda citrifolia* L. (**Moutushi Sen**)" in the National Seminar on Contemporary Progress in Plant Sciences at UGC Centre of Advanced Study, Department of Botany, University of Burdwan from 20 to 21 March 2015.
2. Oral Presentation on "Characterization Of Leaf Epidermal Cells And Study Of Their Expansion Ratio With Special Emphasis On Pavement Cells Of Some Selected Plants (**Moutushi Sen**)" in the 4th Regional Science and Technology Congress (Western Region) on 2019 organized by Department Of Science & Technology And Biotechnology, Govt. of West Bengal .
3. Oral Presentation on "Potential Anti Cancer Plants Of India And Their Ecological Status (**Moutushi Sen**)" in the Systematic Approach To Modern Sciences And Its Philosophical

Impacts (International Seminar) on 2020 organized by Departments of Physics, Chemistry, Mathematics, Computer Science, Zoology & Philosophy Bajkul Milani Mahavidyalaya.

Participation in committees of Durgapur Government College since 2017

1. Cultural Sub-Committee (Jt. Convener – 2018-19; Member 2019-20)
2. K.N.U. 4th SEM Exam sub committee (Member 2017-18, 2019-20)
3. K.N.U. 5th SEM Exam sub committee (Member 2018-19)
4. K.N.U. 6th SEM Exam sub committee (Member 2019-20)
5. K.N.U. 6th SEM Exam sub committee (Jt. Convener – 2019-20)
6. Press and Media sub-committee (Member 2019-20)
7. Sports Sub-Committee (Member 2018-19)
8. Canteen Sub-Committee (Member 2017-18)
9. Cultural subcommittee of Golden Jubilee celebration of DGC- (Jt. Convener)
10. Indoor games/ Quiz subcommittee of Golden Jubilee Celebration of DGC (Member)