

SAUMABHA CHATTERJEE

Contact: 9851670794

Qualification: M.Sc.

Designation: Assistant Professor

Teaching Experience (in years): UG: 5 Years

Research Experience (in years): 10 Years

Date of Joining Present Institution: 02.03.2015

Institutions/Companies Previously Served:



Name of Institution/Company	Designation	Tenure	
		From (DD-MM-YYYY)	To (DD-MM-YYYY)
Durgapur Govt. College	Assistant Professor	02-03-2015	12-06-2015
Keshiary Govt. College	Assistant Professor	13-06-2015	07-12-2015
Durgapur Govt. College	Assistant Professor	08-12-2015	Till date

Examinations cleared: NET-CSIR [June, 2010 (UGC Rank 282/888); December, 2010 (CSIR Rank 35/778); June, 2011 (CSIR Rank 11/720); December, 2011 (CSIR Rank 20/789); June, 2012 (CSIR Rank 39/644); June, 2014 (UGC Rank 66/832)] and GATE (2010 and 2011).

Specialization/Research Interest: Molecular Biology and Genetics

Courses taught

	B.Sc Honours	B.Sc. Program
Semester-I	CC 1, CC 2	CC 1
Semester-II	CC 3, CC 4	
Semester-III	CC 5, CC 6, CC 7, SEC 1	
Semester-IV	CC 8, CC 10	CC 4
Semester-V	CC 11	
Semester-VI	CC 13, CC 14	

*CC = Core Course

Online Mode of Teaching

Different online platforms like Zoom, Google Meet, Team Link etc.; Youtube, Google Class Room, Whatsapp, Telegram, Email, Voice Call.

Journals:

1. Ray S, Kundu LM, Goswami S, Roy GC, Chatterjee S, Dutta S, Chaudhuri A, Chakrabarti CS (2013) Metaphase arrest and delay in cell cycle kinetics of root apical meristems and mouse bone marrow cells treated with leaf aqueous extract of *Clerodendrum viscosum* Vent. *Cell Proliferation* **46(1)**, 109-117.
2. Ray S, Chatterjee S, Chakrabarti CS (2013) Antiproliferative activity of allelochemicals present in aqueous extract of *Synedrella nodiflora* L. Gaertn. in apical meristems and Wistar rat bone marrow cells. *IOSR Journal of Pharmacy* **3(2)**, 1-10.
3. Chaudhuri A, Kundu LM, Dutta S, Chatterjee S, Goswami S, Roy GC, Ray S (2015) Allelopathic effects of aerial parts' aqueous extract of *Ampelocissus latifolia* (Roxb.) Planch. in apical meristem cells. *Asian Journal of Plant Science and Research* **5(3)**, 11-16.
4. Chaudhuri A, Chatterjee S, Chaudhuri A (2018) Wild grape plants: a natural resource of bio-herbicides in terms of allelopathic and cell cycle kinetics modulating activities. *Genius* **6(2)**, 158-170.
5. Chatterjee S, Ray S (2019) Clastogenic and cytotoxic effects of aerial parts' aqueous extract of *Synedrella nodiflora* (L.) Gaertn. On Wistar rat bone marrow cells. *Caryologia* **72(3)**, 87-95.

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

1. Paper Presentation on "Study Of Aerial Parts' Aqueous Extract Of *Synedrella nodiflora* Induced Toxicity On Dalton's Ascitic Lymphoma Cells *In Vitro*" in the International "Science Seminar" held on 10-10-2017 organized by Burdwan Raj College and Indian Chemical Society.
2. Paper Presentation on "Evaluation of Antiproliferative and Cytotoxic Effects of Aerial Parts' Aqueous Extract of *Synedrella nodiflora* (L.) Gaertn. On Wistar Rat Bone Marrow Cells" in the 2nd Regional Science and Technology Congress (Western Region), 2017 held on 16-11-2017 to 17-11-2017 organized by The University of Burdwan, Burdwan and Department of Higher Education, Science and Technology and Biotechnology, Government of West Bengal.
3. Paper Presentation on "Evaluation Of Cytotoxic Effect Of Aerial Parts Aqueous Extract Of *Synedrella nodiflora* (L.) Gaertn. On Wistar Rat Bone Marrow Cells *In Vitro*" in the International Science Seminar on "Science: Past, Present and Future" held on 12th December, 2017 organized by Syamsundar College and Indian Chemical Society.
4. Paper Presentation on "Evaluation of antiproliferative and cytotoxic effects of aerial parts' aqueous extract of *Synedrella nodiflora* (L.) Gaertn." in the First International Conference on "Frontiers in Biological, Environmental, and Medical Sciences" held on 08-03-2018 to 10-03-2018 organized by The University of Burdwan, Burdwan.
5. Paper Presentation on "Assessment of *Synedrella nodiflora* (L.) Gaertn. induced delay in cell cycle kinetics and cytotoxicity on Wistar rat bone marrow cells: an *in vivo* study" in the One day National Seminar on "Traditional knowledge and practice in Eastern India" held on 15-03-2018 organized by Bankura Christian College, Bankura.
6. Paper Presentation on "Assessment of *Synedrella nodiflora* (L.) Gaertn. induced retardation in cell cycle kinetics and cytotoxicity on Wistar rat bone marrow cells: an *in vivo* study" in the One Day National Seminar on "Biodiversity Conservation and Bio Resource Management: Benefitting Man and Nature" held on 11-12-2018 organized by Bankura Sammilani College, Bankura.

7. Paper Presentation on “Cytotoxic Effect of Aerial Parts Aqueous Extract of *Synedrella nodiflora* (L.) Gaertn. on Wistar Rat Bone Marrow Cells” in Golden Jubilee International Conference on Trends in Zoology held on 03-01-2019 to 04-01-2019 organized by Department of Zoology, The University of Burdwan, Burdwan.
8. Paper Presentation on “Evaluation of allelopathic potential of hydromethanolic extracts of *Synedrella nodiflora* (L.) Gaertn. on root apical meristem cells” in the Conference on Celebration of International Year of Periodic Table and National Conference on “Chemistry for sustainable Development” (CSD 2019) held on 26-11-2019 to 27-11-2019 organized by Department of Chemistry, Sidho-Kanho-Birsha University, Purulia, West Bengal in collaboration with Indian Chemical Society.

Participation in committees of Durgapur Government College since 2017

1. Seminar organized by both Department of Zoology and Conservation Biology (2019).
2. Exam Committee member and Joint Convener in all Backlog Examinations since 2018.