

Name: SUTAPA MANDAL

Contact: sutapa.chem@gmail.com

Qualification: M.Sc

Designation: Assistant Professor

Teaching Experience (in years): UG: 5 years PG: 5 years

Research Experience (in years): 5 years

Date of Joining Present Institution: 30-May-2015

Examinations cleared: NET-CSIR, GATE

Specialization/Research Interest: Organic Chemistry



Courses taught

	B.Sc Honours	B.Sc. Program	M.Sc
Semester-I	Core-II BSCHCEMC102	-	Organic General I MCHEM0103
Semester-II	Core-IV BSCHCEMC202	BSCPCEMC201/BSCHCE MGE201	Organic General II MCHEM0203, Organic General Practical MCHEM0205
Semester-III	Core-VI BSCHCEMC302, SEC BSCHCEMSEC301	-	Advanced Organic General MCHEM0303, Organic Major I MCHEM0306, Organic Major Practical I MCHEM0310,
Semester-IV	Core-IX BSCHCEMC402 , SEC BSCHCEMSEC401	BSCPCEMC401/BSCHCE MGE401, BSCPCEMSEC401	Organic Major II MCHEM0404, Organic Major III MCHEM0408, Organic Major Practical II MCHEM0412, Organic Term Paper/Project MCHEM0417
Semester-V	Core-XI BSCHCEMC501	-	
Semester-VI	DSE BSCHCEMDSE602	DSE BSCPCEMDSE601, SEC BSCPCEMSEC601	

Online Mode of Teaching

Google Duo, Team link, Google meeting, Whatsapp Video Call has been used for online classes , problem solving sessions.

Email, Whatsapp has been used for communication , assignment and sharing study materials.

Publications

Journals:

1. Mandal S^a, Acharjee N^{a*}, DFT study for radical capture by mitochondria oxidotoxin protective ionic and non-ionic amphiphilic alpha-phenyl-N-t-butyl nitrone derivatives ,
Indian Journal of Chemistry
Vol. 56A, January 2017, pp. 9-20
2. Sutapa Mandal^a, Avijit Banerji^b, Bhaskar Chakraborty^c and Nivedita Acharjee^{*a} .. DFT analysis for the regio- and stereospecific synthesis of antibacterial isoxazolidine
J. Indian Chem. Soc., Vol. 94,
May 2017, pp. 1-8 May-17-5 p6.5
3. Sutapa Mandal^a, Kaustabh K Maiti^b, Avijit Banerji^c, Thierry Prange^d, Alain Neuman^e & Nivedita Acharjee^{*a} , Experimental and DFT studies for substituent effects on cycloadditions of C,N-disubstituted nitrones to cinnamoyl piperidine
Indian Journal of Chemistry Vol. 57B, January 2018, pp. 108-119

Guidance of M.Sc. Projects

1. Jasmine Hazari (2017-2018, Durgapur Government College), A review on Causes and management of Hyperacidity (**Guide: Sutapa Mandal**)
2. Sourav Satpathy (2018-2019, Durgapur Government College), A review on Causes and management of Diabetes (**Guide: Sutapa Mandal**)

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

1. Poster Presentation on “DFT interpretations for radical capture by biological active amphiphilic nitrone ” in DST, DRDO and DAE sponsored National Level Seminar on “Non-linear Dynamics and its applications” during February 7-9, 2017 at Dept. of Physics, Durgapur Government College,;
2. Poster Presentation on “DFT Interpretations For Cycloadditions of N-phenyl- α -amino nitrone learning to antibacterial isoxazolidines” in UGC sponsored National Level Seminar on “Modern Trends in Chemical Sciences” during November 25-26, 2016 at Dept. of Chemistry, Prasanta Chandra Mahalanobish Mahavidyalaya.
3. Poster Presentation on DFT Based reactivity indices and interaction energy parameters for regioselectivity predictions of cycloaddition reactions” in UGC sponsored National Level Seminar on “Enthralling Facets of Molecular Manifestation in Chemical Sciences” during September 15 & 16, 2016 at Department of Chemistry, Bidhannagar Govt. College, Kol-700064.
4. Poster Presentation on “DFT Studies for generation of regio-and stereospecific antibacterial cycloadduct from symmetrically substituted nitrone” in UGC sponsored National Level Seminar on “Chemistry on its Way-Impacts on the Environment” during September 01 & 02, 2016 at Department of Chemistry, Saldiha College, West Bengal-722173.

Participation in committees of Durgapur Government College since 2017

1. Tender and Purchase Sub Committee (**Sutapa Mandal**, Member-2017-18)
2. WBHS Sub Committee (**Sutapa Mandal**, Member-2017-18, 2018-19)
3. KNU Sem-II Exam Committee (**Sutapa Mandal**, Member-2017-18)
4. KNU Part-II Backlog Exam. Committee (**Sutapa Mandal**, Jt. Convenor-2018-19)
5. KNU Sem-III Exam Committee (**Sutapa Mandal**, Member-2018-19)
6. Girls Common Room monitoring Unit and Students Health and Hygiene Advisory Sub-Committee (**Sutapa Mandal**, Member-2019-20)
7. Games, Sports, Gymnasium Sub Committee (**Sutapa Mandal**, Member-2019-20)