

Teacher's Profile

Name: **Dr. Sutapa Ganguly**

Department [Specialisation]: **Microbiology**

Position Holding: **Assistant Professor**

Position Held [previous service]: **(if any)**



Name of the Employer	Position Held	Duration/Year
Maharani Kasiswari College, Shyambazar	Govt. approved PTT	6

Date of Joining in Sarsuna College: 21.09.2016

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Academic Qualification:

Degree	College/University/Institution	Year
B.Sc.(Honours)in Biochemistry	University of Calcutta, Gurudas College	2007
M.Sc.(Honours)in Biochemistry	University of Calcutta, Ballygunge Science College	2009

Ph. D	Title of Thesis	College/University/Institution	Year
	Studies on structural, morphological, electrical and biological properties of synthesized zinc sulphide nanoparticles.	Jadavpur University	2016

Research Interest: **Applied Nanoscience**

Area of Teaching: **Stereochemistry, Biochemistry, Biophysics, Molecular biology, Medical Microbiology**

Publications

1. Articles:

Serial No.	NAME OF JOURNAL	TITLE OF RESEARCH PAPER PUBLISHED AND NAME OF AUTHORS	DETAILS OF PUBLICATION
1.	INTERNATIONAL JOURNAL OF BIOLOGICAL AND PHARMACEUTICAL RESEARCH	CHARACTERIZATION OF NEWLY SYNTHESIZED ZINC SULPHIDE NANOPARTICLES BY A SIMPLE AQUEOUS CHEMICAL METHOD AND DETERMINATION OF ITS ANTIMICROBIAL ACTIVITY AGAINST VARIOUS PATHOGENIC STRAINS. Sutapa Ganguly, Parveen Sultana, Sukhen Das, Sujata G Dastidar.	2013, 4(5), 377-381
2.	INTERNATIONAL JOURNAL OF PHYTOPHARMACOLOGY	EVALUATION OF ANTIMICROBIAL EFFECTS OF SYNTHESIZED ZINC SULPHIDE NANOPARTICLES AND THEIR POTENTIATION BY THE ANTICANCER DRUG IMATINIB. Sutapa Ganguly, Subhojit Ghosh, Sukhen Das, Sujata G Dastidar.	2013, 4(4), 266-271
3.	INTERNATIONAL JOURNAL OF PHARMACY AND THERAPEUTICS	STUDY OF ANTIMICROBIAL EFFECTS OF ANTICANCER DRUG OXALIPLATIN AND ITS INTERACTION WITH SYNTHESIZED ZINC SULPHIDE NANOPARTICLES. Sutapa Ganguly, Sukhen Das, Sujata G Dastidar.	2014, 5(3), 230-234
4.	EUROPEAN JOURNAL OF BIOMEDICAL AND PHARMACEUTICAL SCIENCES	EFFECT OF ZINC SULPHIDE NANOPARTICLES ON GERMINATION OF SEEDS OF VIGNA RADIATA AND THEIR SUBSEQUENT ACCELERATION OF GROWTH IN PRESENCE OF NANOPARTICLES. Sutapa Ganguly, Sukhen Das, Sujata G Dastidar.	2014, 1(2), 273-280

5.	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH	A STUDY ON STRUCTURAL, MORPHOLOGICAL AND CHEMICAL COMPOSITION OF ZINC SULPHIDE NANOPARTICLES SYNTHESIZED BY A SIMPLE CHEMICAL TECHNIQUE Sutapa Ganguly, Sukhen Das, Sujata G Dastidar.	JULY-2013 2(7),472-473
6.	AMERICAN JOURNAL OF RESEARCH COMMUNICATION	A COMPARATIVE STUDY BETWEEN ELECTRICAL PROPERTIES OF BULK AND SYNTHESIZED NANOMATERIAL OF ZINC SULPHIDE. Sutapa Ganguly, Kumaresh Halder, Sukhen Das, Sujata G Dastidar.	FEB- 2015,3(3),68-80
7.	OPEN SCIENCE REPOSITORY	DISTINCT ANTIMICROBIAL EFFECTS OF SYNTHESIZED ZNS NANOPARTICLES AGAINST TWELVE PATHOGENIC BACTERIAL STRAINS Sutapa Ganguly, Sukhen Das, Sujata G Dastidar.	2013
8.	Journal of Chemical, Biological and Physical Sciences	Experimental Evaluation of Antimicrobial Potentiality of Chemically Synthesized ZnS Nanoparticles Sutapa Ganguly, Bidisha Ghosh, Sukhen Das, Sujata G. Dastidar	MARCH- 2015,5(2)

2. Conferences:

1. Oral presentation: National Symposium on Recent Palestrae in Photosciences; 3,4 Sep, 2012, Dept. of Zoology, Benaras Hindu University
2. National Conferences on Sustainable Development through Innovative Research in Science and Technology; 28-29 Sep, 2012 DST PURSE Programme, Jadavpur University, Kolkata, Poster Presentation
3. 1st International Workshop on Nanomaterials (IWON) Engineering Photon and Phonon Transport, 14-15 Dec 2012, Jadavpur University, Kolkata, Poster Presentation
4. Oral Presentation: VIIth Annual Conference, Indian Association of Medical Microbiologists, West Bengal, 16 Sep 2012, Dept. of Microbiology, Calcutta National Medical College, Kolkata
5. 8th Annual Conference, IAMM, 2013, Dept. of Microbiology, R.G.Kar Medical College, Kolkata, Oral presentation.
6. International Seminar Life Science Research in Health and Disease organised by Advanced Research Centre, Lady Brabourne College, Kolkata, 26 Feb 2018, Poster Presentation
7. International Seminar on Frontiers in Biological Sciences, 30 Jan, 2018, organised by St. Xavier's College (Autonomous), Kolkata, Poster presentation
8. Workshop on U.G. Microbiology Teacher's on B.Sc. Syllabus in Microbiology (Honours and General) under CBCS, Dept. of Microbiology, University of Calcutta, 31 May, 2018
9. International Webinar, Higher Academics in South Asia: Changing Perspectives, 25-26 Feb, 2019
10. National Webinar: Workshop on Innovation, Social entrepreneurship and Intellectual Property Rights (IPR), 30 May 2020
11. Completion of 127th Orientation Programme organised by UGC-HRDC, University of Calcutta, with A grade from 18 Nov 2019 to 7 Dec 2019.

3. Papers Communicated:

1. ASSESSMENT OF ANTICANCER POTENTIALITY OF SYNTHESIZED NANOPARTICLES ON ZINC SULPHIDE. *Sutapa Ganguly, Bornita Das, Sukhen Das, Sujata G Dastidar*
2. EFFECT OF ZINC SULPHIDE NANOPARTICLES ON BREAST CANCER CELLS. *Sutapa Ganguly, Subrata Kar, Sukhen Das, Sujata G Dastidar*