

# Faculty Profile

Name: **Dr. Supratim Ray**

Designation: **Professor**

Department/Centre: **Department of Pharmaceutical Sciences**

Phone Numbers: **7002586327**

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Educational Qualifications: **M Pharm.(Specialization: Pharmaceutical Chemistry), Ph. D (Pharmacy)**

Areas of Interest: **QSAR/ QSPR/ QSTR study, molecular docking, Drug lipid interaction**

Work Experience: [In chronological order with the recent one at the last.]

Name of the Organization	Designation	Period		Nature of Post (permanent/ temporary/Ad- hoc/ contractual etc.)
		From	To	
Himalayan Pharmacy Institute, Majhitar, East Sikkim	Lecturer	May 2001	August 2006	Permanent
Himalayan Pharmacy Institute, Majhitar, East Sikkim	Senior Lecturer	August 2006	February 2008	Permanent
Himalayan Pharmacy Institute, Majhitar, East Sikkim	Assistant Professor	March 2008	August 2008	Permanent
Dr. B C Roy College of Pharmacy & Allied Health Sciences, Durgapur, West Bengal	Associate Professor	August 2008	September 2009	Permanent
Dr. B C Roy College of Pharmacy & Allied Health Sciences, Durgapur, West Bengal	Professor	October 2009	April 2013	Permanent
Assam University, Silchar	Associate Professor	April 2013	April 2016	Permanent
Assam University, Silchar	Professor	April 2016	Continuing	Permanent

Awards and Honours (if any): [Maximum upto 5]

Award Details	Awarding Agency	Year	Remark (if any)
Qualified Graduate Aptitude Test in Engineering (GATE)	MHRD, Govt of India	1999	.....
Recipient of R V Patel Pharm Innova Award 2012-13 as Best Research Guide	Troikaa Pharmaceuticals, Ahmedabad, DST, Govt. of India	2013	.....

Projects: [In chronological order with the recent one at the last. Mention shall be made if the project is ongoing or completed]

Project Title	Awarding Agency	Period	Amount Sanctioned	Ongoing/ Completed
Development of Antioxidant Co-therapy with the Anticancer Drugs: Approaches to improvement of drug action	AICTE, New Delhi (F.No.: 8023/BOR/RPS-176/2006-07)	Two years	Rs. 10.00 lakhs	Completed

Consultancy/International Collaboration:[In chronological order with the recent one at the last.]

Details	Year	Remark (if any)
[Type of consultancy/ collaboration], [Party details], [Period], [Amount (if any)]		

Publications in Peer Reviewed Journals/Book Chapters (Maximum 5)

Authors	Title of the Paper/Chapter	Name of the Journal/Book	Journal/Book details	ISSN/ISBN
Ray S	Exploring QSAR of flavonoids as scavengers of peroxy nitrite using electrotopological state (E-State) atom parameter	Letters in Drug Design & Discovery	2010, 7, 618-624	ISSN: 1875-2628X

Ray S & Roy K	Modelling adsorption of organic compounds on activated carbon using ETA indices	Chemical Engineering Science	2013, 104, 427-438	ISSN: 0009-2505
Roy PP, Dey Ray S & Ray S	Combined experimental and in silico approaches for exploring antiperoxidative potential of structurally diverse classes of antioxidants on docetaxel-induced lipid peroxidation using 4-HNE as the model marker	Bioorganic Chemistry	2014, 56, 1-7	ISSN: 0045-2068
Ray S, Mondal S, Roy PP, Dey Ray S	Role of antioxidants on docetaxel-induced in vitro lipid peroxidation using malondialdehyde as model marker: an experimental and in silico approach	Medicinal Chemistry Research	2014, 23, 4436-4446	ISSN: 1054-2523
Das S, Joardar S, Manna P, Dua T K, Bhattacharjee N, Khanra R, Bhowmick S, Kalita J, Saha A, Ray S, De Feo V, Dewanjee S	Carnosic Acid, a Natural Diterpene, Attenuates Arsenic-Induced Hepatotoxicity via Reducing Oxidative Stress, MAPK Activation, and Apoptotic Cell Death Pathway	Oxidative Medicine and Cellular Longevity	2018, Article ID 1421438, 24 pages	ISSN: 1942-0994

Books Authored/Edited Books (Maximum 5)

Authors	Title of the Book	ISBN	Publisher Details	Authored/Edited
Ray S, Roy PP	Validation of QSAR model: An overview	ISBN: 978-3-659-90412-7	Lambert Academic Publishing, Germany	Author

Peer Reviewed Publications in Proceedings of National/International Conference/Workshop/Symposium (Maximum 5)

<b>Authors</b>	<b>Title of the Paper</b>	<b>Name of the Program and Organizer</b>	<b>Publisher Details</b>	<b>ISBN/ISSN</b>

Patents (if any):

<b>Patent Details</b>	<b>Awarding Agency</b>	<b>Year</b>	<b>Remark (if any)</b>

Details of Ph.D degree awarded (Under the supervision of the faculty):

<b>Name of the Scholar</b>	<b>Title of the Thesis</b>	<b>Year of award</b>	<b>Remark (if any)</b>
Sanjit Das	Prophylactic roles of phenolic acid/s on oxidative stress mediated pathophysiology under different conditions via environmental pollutant	2020	Awarding University: Jadavpur University