


	Title	First Name	Last Name	Photograph	
Name	DR.	DEEPIKA	MAZUMDAR		
Designation	Assistant Professor				
Educational Qualification	M.Sc, NET, Ph.D, B.Ed, GATE, NE-SLET				
Date of Joining	01.07.2019				
Department	Microbiology				
Address					
Local	C/O Dr. Shyama Prasad Saha, E/26, Near Gate No. 3, University of North Bengal				
Permanent	C/O Shri Khokan Mazumdar, Mazumdar Villa, Temple street, Jalpaiguri				
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Teaching Experiences (Present & Previous)	<ul style="list-style-type: none"> • Two years as Assistant professor in Department of Microbiology, NBSXC, Rajganj • Two years as Assistant teacher in Siliguri Model High School, Siliguri 				
Research Interests	<ul style="list-style-type: none"> • Plant-microbe interaction • Enzymology 				
Research Guidance (PhD)	NA				
Research Guidance (Master's Theses)	NA				
Awards	Best poster award in 22nd West Bengal State Science & Technology Congress- 2015				
Professional Achievement	<ul style="list-style-type: none"> • NA 				
ADMINISTRATIVE RESPONSIBILITIES	<ul style="list-style-type: none"> • University examination paper setter • University examination paper evaluator • University examination paper scrutinizer 				

ICSSR Research Methodology Course Lectures	NA
UGC Refresher Course Lectures	NA
<ul style="list-style-type: none"> • PUBLICATIONS 	
<i>Some Major Research Articles In Journals</i>	<ul style="list-style-type: none"> • 2021. RSM based optimization of plant growth promoting rhizobacteria and nitrogen dosage for enhanced growth and yield of mustard (<i>Brassica campestris</i> L.) In Journal of Plant Nutrition. Volume 44, Issue 15, 2021 doi.org/10.1080/01904167.2021.1889585 ISSN0910-4167 • 2021. Functional characterization of thermotolerant microbial consortium for lignocellulolytic enzymes with central role of Firmicutes in rice straw depolymerization. In Nature Scientific Reports. 11(1):3032. doi: 10.1038/s41598-021-82163-x. ISSN 2045-2322 • 2020. Ammonium metabolism in <i>Selaginella bryopteris</i> in response to dehydration-rehydration and characterization of dessication tolerant, thermostable, cytosolic glutamine synthetase from plant. In Functional Plant Biology. doi.org/10.1071/FP20144 ISSN1445-4416 • 2019. Isolation, screening and application of a potent PGPR for enhancing growth of Chickpea as affected by nitrogen level. In International Journal of Vegetable Science. Vol. 26, No.4, 2019. ISSN 1931-5279 • 2019. Optimization of process parameter for alpha-amylase produced by <i>Bacillus cereus</i> amy3 using one factor at a time (OFAT) and central composite rotatable (CCRD) design based response surface methodology (RSM). In Biocatalysis and Agricultural Biotechnology. Vol. 19, 2019. ISSN 1878-8181 • 2019. Microbial amylases and their potential application in industries: A review. In The Pharma Innovation Journal. Vol 8(6): 162-170 2019. ISSN 2277-7695 • 2018. <i>Klebsiella pneumoniae</i> rs26 as a potent PGPR isolated from chickpea (<i>Cicer arietinum</i>) rhizosphere. In The Pharma Innovation Journal. 7(11): 56-62, 2018. ISSN 2277-7695 • 2018. Enhancing the thermostability and reusability of endoxylanase obtained from <i>Bacillus cereus</i> xym11 by calcium alginate entrapment method. In International Journal of Basic and applied research. Vol. 8 No. 11, 2018 ISSN ISSN 2249-3352 (P) 2278-0505 (E) • 2016. Cloning and Expression of Phytase appA Gene from <i>Shigella</i> sp. CD2 in <i>Pichia pastoris</i> and Comparison of Properties with Recombinant Enzyme Expressed in <i>E. coli</i>. In PLOS ONE. Vol.11, No.1, 2016. ISSN
<i>Chapter's in Edited Volume</i>	<ul style="list-style-type: none"> • 2021: "Microbial Diversity In The Water Bodies Of Several Biogeographic Regions Of India" in S.N. Sinha (Ed.) Microbiology of Water: A Practical Approach, New Delhi: India, 2021

Book Monograph/ Edited Book	<u>BOOKS AUTHORED</u> NA <u>BOOKS EDITED</u> NA <u>RESEARCH MONOGRAPHS</u> NA
Project	NA
Book Reviews	<u>BOOK REVIEWS</u> NA

<p>PAPER PRESENTED IN SEMINARS/ CONFERENCES</p>	
	<p><u>A. International Seminars/Conferences (Recent)</u></p> <ol style="list-style-type: none"> 1. Delivered an Oral presentation in the International Symposium conducted by the Association for the Advancement of Biodiversity Science in 2015 2. Delivered Oral presentation in International seminar on ‘Current Avenues in Microbial and plant Sciences’ conducted by University of Gourbanga, WB in 2019 <p><u>B. National/Regional/State Level Seminars and Conferences (Recent)</u></p> <ol style="list-style-type: none"> 1. Delivered Oral presentation in National seminar on ‘Vistas in Life Science Research’ conducted by University of North Bengal, WB in 2019. 2. Delivered Oral presentation in National seminar on ‘Recent Advances in Translational Research’ conducted by Department of Biotechnology, University of North Bengal, WB in 2020 3. Delivered Oral presentation in National seminar ‘Microbial World 2020’ on Applied Microbiology conducted by Department of Microbiology, University of North Bengal, WB in 2020
<p>RESOURCE PERSONSHIP / KEYNOTE ADDRESS IN SEMINARS/ WORKSHOPS</p>	<p>NA</p>
<p>Invited Lectures (UGC and University Invitations)</p>	<p>NA</p>
<p>UGC REFRESHER COURSES ATTENDED</p>	
	<p>NA</p>
<p>MEMBERSHIP OF PROFESSIONAL AND ACADEMIC BODIES</p>	
	<p>NA</p>

