



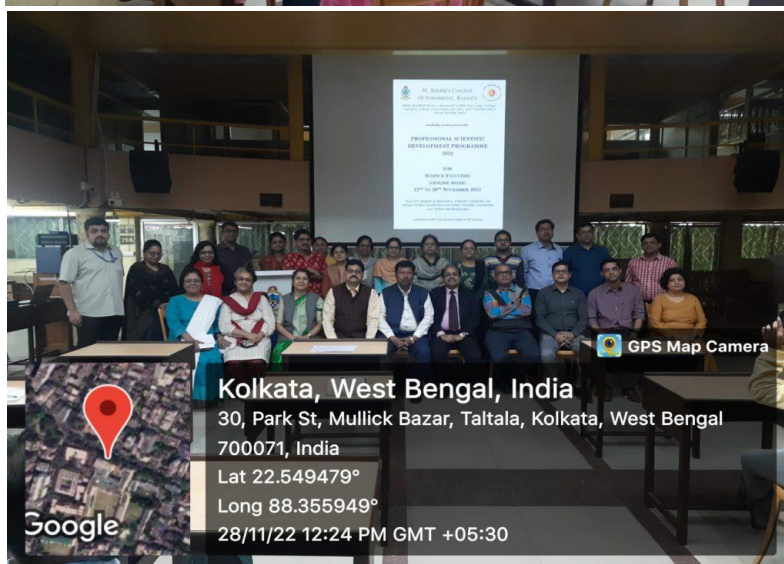
St. Xavier's College (Autonomous) Kolkata
Postgraduate and Research Department of Biotechnology
OUTREACH AND EXTENSION ACTIVITIES



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FACULTY DEVELOPMENT PROGRAM 23rd to 30th November 2022

A Faculty development program titled as “Professional Scientific Development Program was organized under the DBT Star College Scheme from 23rd to 30th November 2022. Dr. Sanjib Ganguly of the Department of Chemistry served as the convener. Dr. Jhimli Dasgupta was the Co Convener.





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NATIONAL LEVEL WORKSHOP ON GUT MICROBIAL ANALYSIS 13th and 14th June 2023

A two day hands on training program on “Gut Microbiome Analysis” was organised by the Department on the 13th and 14th of July 2023. Eight deputed scientists from the Anthropological Survey of India (ANSI); GoI along with the Head of office Dr. Hrshawardhana; participated in the workshop. Dr. Sayak Ganguli, who actively works in the field of gut microbiome, served as Coordinator for the workshop. Dr. Jhimli Dasgupta, HOD, Biotechnology and Dr. Mahashweta Mitra Ghosh from the Department of Microbiology, served as resource persons. Research scholars of both the Departments rendered the requisite technical support. The workshop was held at the Central Research Facility with the full support of Prof. Rina Ghosh. At the end of the workshop the participants participated in an interactive session with respected Principal, Rev. Dr. Dominic Savio SJ





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ALUMNI SEMINAR SERIES

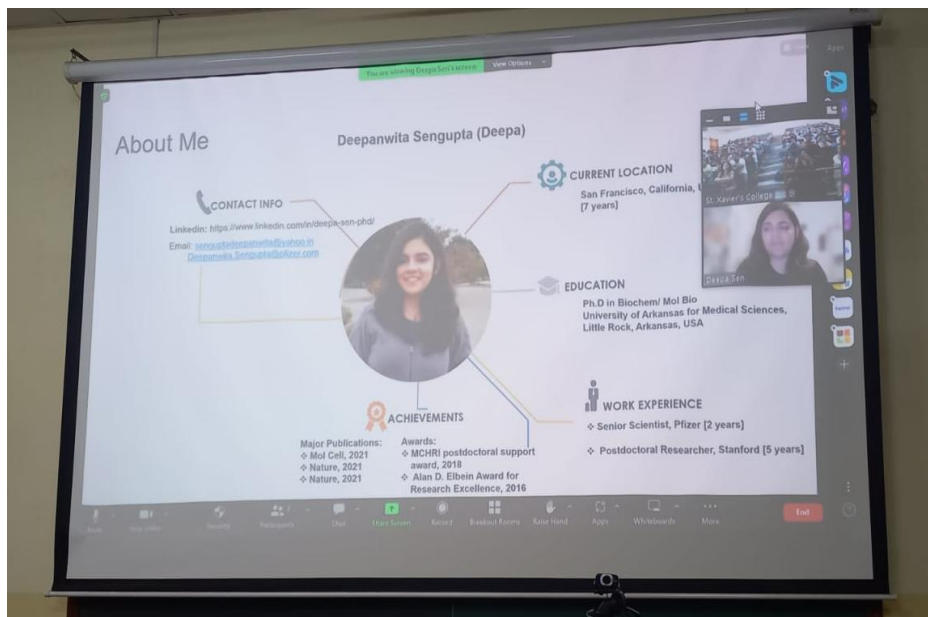
The Department has initiated a series of alumni seminar and interactive sessions from the current academic year. Alumni of the Department, currently placed at different national and international institutions of repute have been invited to deliver their presentations on their respective areas of research and the senior most batches semester 9 and semester 7 are participating wholeheartedly in the sessions which are being organized efficiently by Dr. Uma Siddhanta, and Dr. Jhimli Dasgupta.

Sl. No.	Date & Time	Room No.	Name	Batch	Current Affiliation	Area of Presentation
1.	11/08/23 (Friday) 10-11 a.m.	34	Deepanwita Sengupta, PhD.	2006-11	Senior Scientist, Pfizer, San Francisco, USA	Biochemistry & Molecular Biology
2.	22/08/23 (Tuesday) 3.00pm-4.00p.m.	MCV-2	Tamal Roy, PhD.	2006-11	Research Associate, Science of Intelligence Cluster, Technical University Berlin;	Behavioral Ecology and Evolution
3.	01/9/23 (Friday) 10-11 a.m.	34	Rukmini Mukherjee, PhD.	2006-11	Scientist II, Walter Lab, Bay Area Institute of Science, Altoslabs, Redwood City, California, USA.	Mitochondrial Dynamics and Quality Control
4.	12/09/23 (Tuesday) 3.00pm-4.00p.m. (Offline)	MCV-2	Rohini Dutta, PG Diploma in Patents Law, Registered Patent Agent	2007-12	Patent Attorney at S. Majumdar & Co.	Intellectual Property Rights.
5.	19/09/23 (Tuesday) 3.00pm-4.00p.m.	MCV-2	Juby Mathew, PhD.	2007-12	Application Scientist, Syft Technologies, Christchurch, New Zealand	Immunotherapy
6.	17/10/23 (Tuesday) 3.00pm-4.00p.m.	MCV-2	Stephanie Roshni Kaypee, PhD.	2006-11	Research Scientist, Graduate School of Frontier Biosciences, Osaka University, Osaka, Japan	Epigenetics

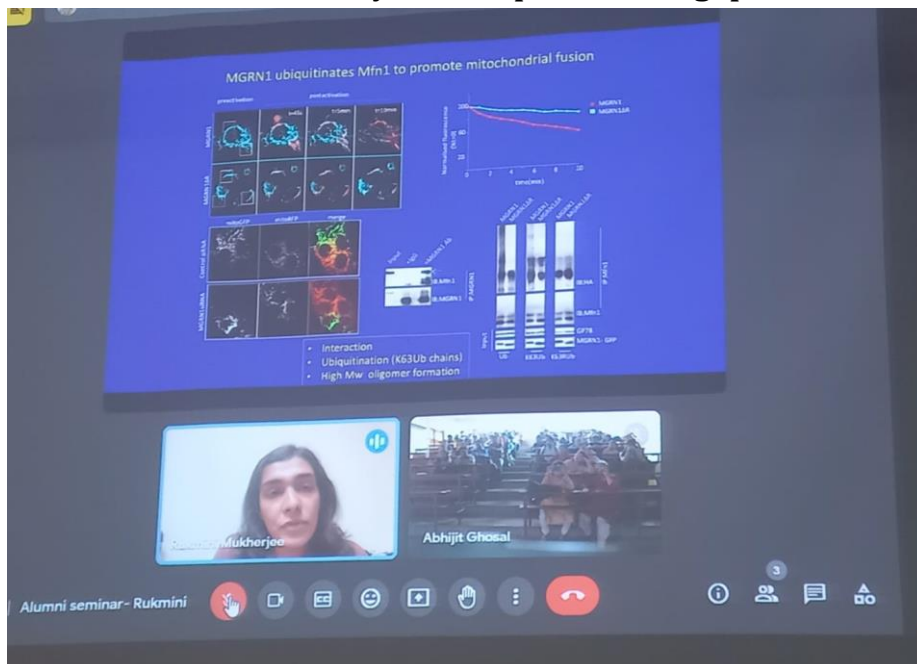


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SOME SNAPSHOTS OF THE PROGRAMS



Presentation By: Dr. Deepanwita Sengupta



Presentation By: Dr. Rukmini Mukherjee



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Presentation By: Ms Rohini Dutta



Presentation By: Dr. Tamal Roy



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EDUCATIONAL EXCURSION

30th August 2023

Dr. Sayak Ganguli and Dr. Arindam Bakshi, organized the Educational Excursion to Vivekananda Institute of Biotechnology, Nimpith, where students of Semester VII enjoyed the hands on demonstration and theoretical discussions on practical and commercial applications of Biotechnology- such as Biofertilizer development and application, Mushroom cultivation, Honey Processing and Plant Micropropagation. They also performed a practical on Quadrat Studies on the campus.





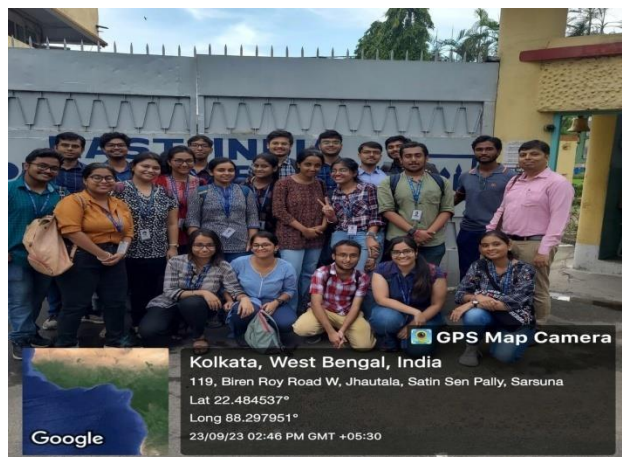
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INDUSTRY VISIT

22nd and 23rd September 2023




Dr. Souvik Roy and Dr. Arindam Bakshi accompanied students of Semester V for an industry visit to East India Pharmaceutical Works Limited on 22nd and 23rd September 2023. The students enjoyed their visit as they were provided with required insights on how a pharmaceutical industry functions and the processes associated with it.





OTHER OUTREACH ACTIVITIES

Field Trips for Data Collection

Event Description	Image
<ul style="list-style-type: none"> With the SDO Mr. Monojit Basu, of Purulia, for sample collection from tribal members of Purulia. Buccal smear collection from Savar tribal subjects for Genome analysis 14th - 18th October 2022 	
<p>Field trip to Indian Sunderbans for collection of plant and soil samples for bioprospecting studies.</p> <p>A) With MSc Dissertation students and scholars at Satjelia island, Indian Sunderbans in 2022</p> <p>B) With MSc Dissertation students and scholars at Hamilton Island, Indian Sunderbans in 2022</p> <p>C) With MSc Dissertation students and scholars at Kumirmari, Indian Sunderbans for sample collection in 2023</p> <p>D) With MSc Dissertation students and scholars at Kumirmari, Indian Sunderbans for sample collection in 2023</p>	



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OTHER OUTREACH ACTIVITIES

SCIENTIFIC PRESENTATIONS IN SEMINARS

Event Description	Image
<p>Best Poster Award for the poster titled <i>“Evaluating the impact of tropical cyclones on the soil microbiome of Indian Sunderbans”</i> at One Day International Seminar on Recent Trends in Microbiology on 18th May 2022 at VJRC, Kolkata [Poster presenter Mr. Rohan Pal, BMBT, SEM 10 student]</p>	 <p>Shot on OnePlus By Sarmishta</p> 

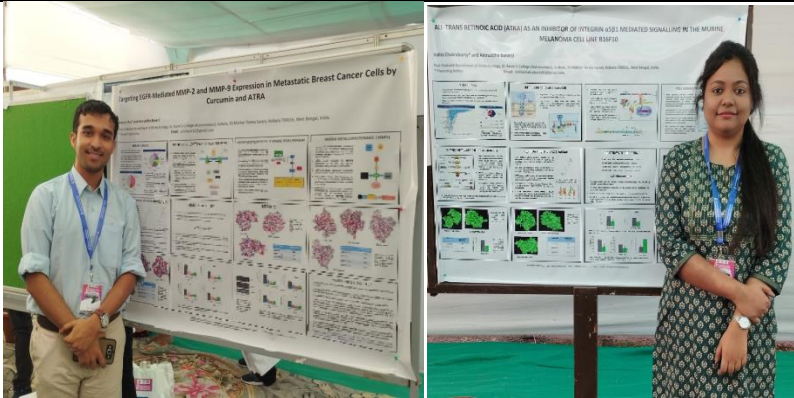
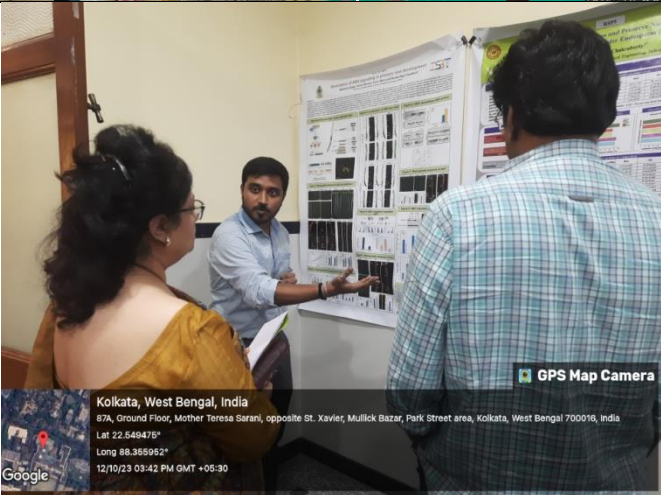
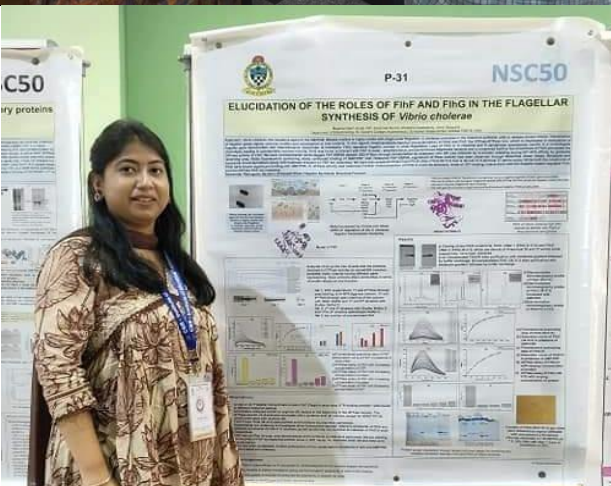


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EVENT DESCRIPTION	IMAGE
<p>1. Best Poster Award (UG and PG students category): Arunima Bhattacharya; @ICCCGC, Kolkata; 26th and 27th August 2022</p> <p>2. 3rd Prize in Poster (Research Scholar Category): Sarmistha Mukhopadhyay @ICCCGC, Kolkata 26th and 27th August 2022</p> <p>3. Second Prize in Young Researcher (s) Category: Nabarun Dawn and Souptik Ghosh @ICCCGC, Kolkata, 26th and 27th August 2022</p>	
<p>Judges' Special Appreciation Award. "Creating a Mangrove endophyte bacterial collection for targeted genome editing. International Seminar and Workshop on CRISPR/Cas-based Plant Functional Genomics & Computational Modelling, organized by CSIR - North East Institute of Science and Technology, Jorhat, Assam (17th to 21st January 2023): Gaurab Aditya Dhar.</p>	 

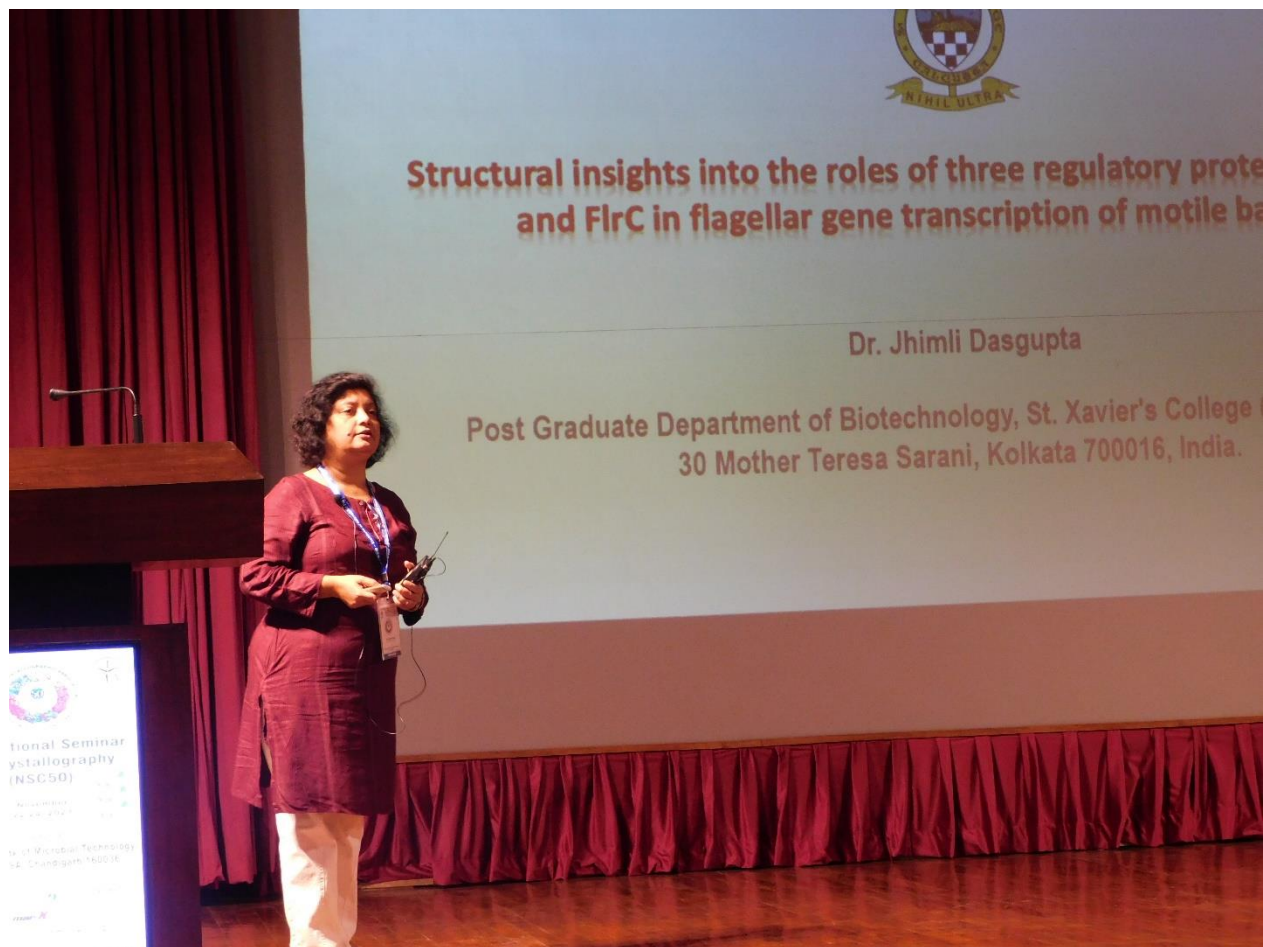


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EVENT DESCRIPTION	IMAGE
<p>Mr. Anirban Roy, and Ms. Indira Chakraborty, Research Scholars working under Dr. Aniruddha Banerji presented their results at the International Conference of the Indian Association for Cancer Research 2023</p>	
<p>Mr. Saptarshi Dutta, Research Scholar working under the supervision of Dr. Ronita Nag Chaudhuri, presenting his work at ISBT_2023</p>	 <p>Kolkata, West Bengal, India 67A, Ground Floor, Mother Teresa Sarani, opposite St. Xavier, Mullick Bazar, Park Street area, Kolkata, West Bengal 700016, India Lat 22.546475° Long 88.368962° 12/10/23 03:42 PM GMT +05:30</p>
<p>Ms. Ruchira Das, JRF, working under the supervision of Dr. Jhimli Dasgupta, presented her work at the 50th National Seminar on Crystallography (NSC50) held at IMTECH Chandigarh during 22-24 November, 2023</p>	



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Invited lecture of Dr. Jhimli Dasgupta in 50th National Seminar on Crystallography (NSC50) on 23rd November, 2023 at IMTECH, Chandigarh



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ISBT 2023: International symposium on Biotechnology organized by Post Graduate and Research Department of Biotechnology of SXC, Kolkata on 12-13th October, 2023

<https://www.telegraphindia.com/edugraph/campus/isbt-2023-the-debut-event-of-the-post-graduate-and-research-department-of-biotechnology-of-sxc-kolkata/cid/1975241>