REPORT ON TWO-DAY SEMINAR " Frontiers of Sustainable Microbiology Research in Food ,Agriculture , Industrial and Environmental Management (FAIE 2024)"

On

17th and 18th MAY 2024

Sweta Mukhia, College Co-ordinator, MBSI Dibyashree Chhetri, Programme coordinator

First of all I would like to thank Fr. Dr. Donatus Principal, St.Joseph's College Kuiur. Darjeeling for allowing the department to attend the National seminar and for unwavering faith and support. A deep gratitude towards Dr. Bipransh Kumar Tiwary HOD Dept of Microbiology, St.Xavier's College, for the invitation. The department is truly grateful to have the chance to attend such seminars surrounded by eminent figures. The seminar turned out to be very fruitful for both faculty members and the students of Microbiology Department. Our students were exposed to new research areas which will pave the way for them to turn in their academics and future research. Thank you Fr. Dr. Donatus Kujur for always being so supportive.

The department of Microbiology, St.Xavier's College, Rajgunj (SXC) organized two -day **"Frontiers** seminar on of Sustainable Microbiology Research in Food ,Agriculture ,Industrial and Environmental Management (FAIE 2024)" on 17th and 18th of May, 2024. This seminar was organized in collaboration with Microbiologist Society, India and IQAC of the host college under the guidance of Dr Bipransh Kumar Tiwary. The seminar focused on Sustainable Research in Microbiology on the management of the four domains Food, Agriculture, Industrial and Environment. Our college St. Joseph's College, Darjeeling had received an invitation to attend the seminar and also for presenting posters for the students . The dignitaries on the dias were Fr. Dr. Lalit P Tirkey, Principal SXC, Chief Patron and Dr. Arvind Deshmukh, Patron, President, MBSI. Subject experts Dr. Keshab Chandra Mondal, Dept of Microbiology, Vidyasagar University, Dr.Pradeep Kr Das Mohapatra , Dr. Nagendra Thakur , Sikkim University and Dr.Saswati P Mondal ,Dept of Physiology ,Bajkul Milani Mahavidyalaya were the dignitaries and speakers invited for the seminar. The programme started at 10:00 am with the welcome address by Fr. Dr. Lalit P Tirkey, Principal of St. Xavier's College . The seminar was led by by Ms. Barsha Dey and Dr. Deepika Majumdar, Faculty member, SXC.

Altogether 14 research papers were presented by different research scholars and Professors from different universities. Finally, the poster session was held in Day 2 from 2:00 pm onwards where each participating college had five minutes to present their poster where Dr. Manab Adhikari, University of North Bengal interacted with the students. There were two groups for poster presentation from Microbiology department representing our college. Our theme for the topic was on fermented foods. One group presented the poster on "Exploring the fermented culinary traditions of Darjeeling, A study on the microbiological aspects of fermented foods" and "Anti -cancer properties of Tea" and the other on "Anti cancer properties of polyphenols extracted from Tea"



Out of 14 posters presented from the different colleges of Darjeeling ,Siliguri and Jalpaiguri one of the groups from our college excelled securing second position. After the poster session was completed a one-hour interactive session was held with the Prof. Dr. A. Ramesh, Retired Professor, IIT Guwahati. The programme was wrapped up around 5: 00 pm. The vote of thanks was given by Dr. Biprash Kumar Tiwary. The event provided a valuable opportunity for our students to engage with distinguished speakers from various renowned institutions and interact with Prof. Dr. Aiyagari Ramesh from IIT Guwahati, benefiting both the students and the faculty.





Students from St. Joseph's College Excel at National Seminar