



SOUTH KONKAN EDUCATION SOCIETY'S

GOVINDRAM SEKSARIA SCIENCE COLLEGE

TILAKWADI, BELAGAVI – 590006

DEPARTMENT OF BIOCHEMISTRY

ONE-DAY NATIONAL INSTITUTE VISIT TO ICMR-NATIONAL INSTITUTE OF TRADITIONAL MEDICINE (NITM), BELAGAVI ON 30TH AUGUST, 2024

This report is a summary of One-Day National institute visit to ICMR-National institute of Traditional Medicine, Belagavi that was arranged by the Department of Biochemistry, GSS College (Autonomous), Belagavi. The visit took place on 30th August, 2024. The purpose of the visit was to provide practical insights into the research activities and research facilities of a National Laboratory/institute, aligning with their academic curriculum. The tour team was headed by Dr. Varsha Jayakar, Coordinator and Assistant Professor, Department of Biochemistry and Dr. Vinayak Lokapur, Assistant Professor, Department of Biochemistry and comprised of Twenty-five students of 1st and 2nd year MSc Biochemistry program.

The initial phase of the visit to ICMR-NITM, Belagavi started with the introductory videos about ICMR-NITM in the conference room escorted by Research scholars Ms Shruti and Mr. Basavanna. Followed by Dr. Manoj who explained briefly about the museum for ethno medicinal plants and plant biotechnology lab. Ms. Aishwarya explained the instruments and lab equipments of ethnomedicine lab.

The second part of the visit started with Dr. Bannappa (Scientist 'F') who explained about Zebra fish research and Mr. Manoj, Mr. Sudeep, Ms. Jostna and Ms Sneha (Interns) gave us the brief information about principle, working, uses and applications of zebra fish laboratory.

Later, Mr. Asif Kavathekar, Laboratory technician, explained in brief about the Microbiology Lab, Immunology Lab, Molecular Research Lab and the working principle of centrifuge, electrophoresis, gel doc, gel electrophoresis, etc and demonstrated Polymerase Chain Reaction (PCR) and Reverse Transcriptase Polymerase Chain Reaction (RT-PCR). The session ended with research scholars demonstrating their proficiency in Bioinformatics Research Lab.

This National institutional visit organized by the department has allowed the students to know about the work culture of scientific research in National laboratories and see a wide array of sophisticated instruments used in cutting-edge research, providing students with

invaluable practical knowledge and motivated students to use the opportunity for their future career.



1st and 2nd year MSc Biochemistry students and faculty team at ICMR-NITM campus, Belagavi



1st and 2nd year MSc Biochemistry Students observing Herbarium in the museum at ICMR-NITM



Scientist 'F' Dr. Banappa interacting with MSc Biochemistry students and faculty team



Mr. Asif Kavathekar, Laboratory technician, explaining about various instruments of ICMR-NITM, Belagavi



Students interacting with Mr. Asif, Lab Technician, in Immunology Laboratory



ICRM-NITM Internship students explaining about Zebrafish Research



ICMR-NITM Research Scholar of Bioinformatics lab interacting with students



1st and 2nd year MSc Biochemistry students and faculty team with Scientist 'F' at ICMR-NITM, Belagavi