



# KALEIDOSCOPE



YBCP's M. Pharm. (Pharmaceutical Chemistry) students' visit to CSIR - National Institute of Oceanography(NIO) at Dona-paula Goa on 30/07/2024. In this visit, Principal scientist of Chemical Oceanography Division Dr. Keisham S. Singh, explained students about extraction, synthesis processes of bioactive compounds from marine natural products. He also demonstrated various biomaterials that can be derived from Polysaccharides obtained from marine natural products.

Students were further explained about normal phase and reverse phase column chromatography. Next, students were demonstrated FT-IR and characterization of bioactives. Students also asked their queries. Dr. Narsinh Thakur, Head of the Chemical Division explained students about different higher education opportunities present at CSIR-NIO.

This study tour was coordinated by Dr. Gaurav Gopal Naik, Associate Professor & HOD PG Pharma. Chem. Mr. Tushar Rukari, HOD UG Pharmaceutics and Dr. Vijay A. Jagtap, Principal were also present for this study visit.

**Report Prepared & Approved By:**

**Dr. Gaurav Gopal Naik**  
Coordinator

**Dr. Vijay A. Jagtap**  
Principal