

# Report of International workshop on Phytoplanktons and Marine biotechnology

24<sup>th</sup> November 2018

International workshop on Phytoplanktons and Marine biotechnology has been conducted on 24<sup>th</sup> November 2018, by Department of Biotechnology, St Joseph's college Irinjalakuda.

The workshop started with a welcome address by Dr. Viji mary Varghese, Head of the Department and briefly introduced the theme of the workshop, mission, vision and activities of Department of Biotechnology. Dr. Gemma Kulka, Post-doctoral fellow, Plymouth Marine Laboratory, Plymouth, UK, Chief Guest for the Workshop inaugurated the function. Haritha Udayakumar, association secretary presented the vote of thanks.

Dr. Gemma Kulka presented the theme of the workshop and discussed the importance of phytoplankton in field of Marine Biotechnology. It mainly deals with application of Molecular Biology and Cell Biology with the purpose of identifying and developing products from marine and fresh water organisms. Workshop illustrated different marine phytoplankton species such as diatoms, dinoflagellates etc, and their significance in maintaining Carbon cycle and food web. Techniques such as PCR, FACS and other biological techniques and their utility in marine research also discussed.

Student speaker interactive session was arranged during afternoon. Interactive session was a great success. Students interacted with speaker, mainly about the current projects in Kerala regarding marine biology and applications of sea water surface analysis for remote sensing. The event was concluded with a valedictory function.

Photos



