



Sree Narayana Mangalam College, Maliankara

(Affiliated to Mahatma Gandhi University, Kottayam)

Department of Botany

Collaboration WITH

**School of Biotechnology, Amrita Vishwa
Vidyapeetham, Kollam**



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TAXONOMIC IDENTIFICATION OF PLANT SAMPLES

School of Biotechnology: The Amrita School of Biotechnology offers students an opportunity to develop expertise and succeed in building a career in the exciting areas of Biotechnology and related fields. Well qualified faculties for teaching, state-of-the-art facilities for research, thought-provoking discussions and constant interaction among students and faculty, make Amrita School of Biotechnology unique and provides an ideal setting for all-round development of students to become well-trained in all aspects of the biological sciences. The School offers undergraduate, post-graduate and doctoral studies in Biotechnology. The School's research program concentrates on preventive and therapeutic innovations. As a center of excellence, Amrita School of Biotechnology has collaborations with various reputed institutions to facilitate faculties and students in carrying out their research projects. Since December 2021, School of Biotechnology, Amrita Vishwa Vidyapeetham has academic collaboration with Department of Botany, S.N.M College, Maliankara in the area of taxonomic identification of plant samples.

Objective: To utilize the expertise of Dr.(Capt.) C.M. Sreejit and Dr. M.G. Sanilkumar - faculties of Department of Botany, S.N.M College, Maliankara, in the identification of sea algae collected from Kollam region of Arabian Sea in the year 2022, as part of a research project in the School of Biotechnology, Amrita Vishwa Vidyapeetham.

Description: As part of a research project in the School of Biotechnology, Amrita Vishwa Vidyapeetham, the research team from the school has submitted samples (sea algae collected from Kollam region of Arabian Sea in the year 2022) to the expert faculties of Department of Botany, S.N.M College for identifying and providing the taxonomic description of the collected samples.



Outcome: As part of the continuous academic collaboration with Amrita Vishwa Vidyapeetham, Kollam, Kerala (since December 2021), the Department of Botany, S.N.M College, Maliankara identified and provided the taxonomic description of the following macroalgae collected from Kollam region of Arabian Sea. In 2022, scientists and research scholars visited our laboratories and fundamental analyses had been made to them from our department, for the species specified below



Sargassum wightii



Padina tetrastomatica



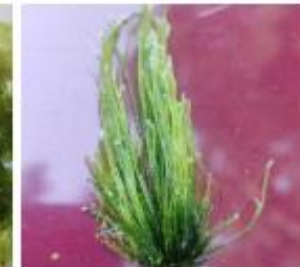
Caulrepa taxifolia



Turbinaria sp



Ulva lactuca



Chaetomorpha antennina



Enteromorpha intestinalis



Acanthophora spicifera



Caulerpa peltata

