

KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES കേരള ഫിഷറീസ്-സമുദ്ര*പ*ഠന സർവ്വകലാശാല PANANGAD P.O., KOCHI 682 506, KERALA, INDIA

🕾 0484- 2703782, 2700598; Fax: 91-484-2700337; e-mail: utypanangad@kufos.ac.in website: www.kufos.ac.in

Eertificate

This is to certify that the project work entitled "Spatial Variation of Nutrient Profile in Cochin Estuarine System" is an authentic record of the project work carried out by Ms. Emi Sebastian under my supervision and guidance at the Department of Fishery Hydrography, Kerala University of Fisheries and Ocean Studies, Panangad, in partial fulfilment of the requirements for the award of degree of Master of Science in Chemistry under the Faculty of Science of Sacred Heart College, University of Mahatma Gandhi, during the academic year 2014-2016.

Panangad June 2016

Dr. Anu Gopinath (Supervising Guide) Assistant Professor KUFOS, Kochi