

CERTIFICATE

This is to certify that this thesis bound herewith is an authentic record of the research carried out by Mr. K.S. Neelakandan, Namboodiripad, M.Sc., under my supervision and guidance in the Department of Marine Sciences, in partial fulfilment of the requirements of the Ph.D. Degree of the University of Cochin and no part thereof has been presented before for any other degree in any University.



Cochin - 682 016,
March, 1984.

Dr. P.G. Kurup
(Supervising Teacher)

