DECLARATION

I, Dr. V. Narayana Pillai, candidate for the Degree of D.Sc. hereby declare that the work described in this Thesis has been carried out by me independently at the Central Marine Fisheries Research Institute during the period 1985-1993 and that it has not been submitted previously to any University or Institution for the award of a D.Sc. Degree.

Place : COCHIN
Date : 9.8.1993

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