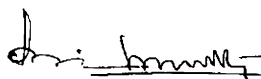


CERTIFICATE

Certified that the work reported in the present thesis is based on the bonafide work done by Smt. B. Lakshmy under my guidance in the Department of Mathematics and Statistics, Cochin University of Science and Technology, and has not been included in any other thesis submitted previously for the award of any degree.



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February 18, 1991.