



Department of Geology
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CERTIFICATE

I certify that the thesis entitled **“Diatom Assemblage, Geochemistry of Lake Water, Diatom Indices and Water Quality Index for Assessment of Environmental Conditions in Yercaud Lake, Salem District, Tamil Nadu, India”** submitted to Periyar University in partial fulfillment for the award of degree of Doctor of Philosophy in Geology is a bonafide research work carried out by **Mr. G. NANTHAKUMAR, M.Sc., M.Phil.,** under my guidance and supervision and it has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or any other similar titles in this or any other University or Institution of higher learning.

Place: Salem

Date: 06.11.2015

(R.VENKATACHALAPATHY)



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DECLARATION

I hereby declare that the thesis entitled **“Diatom Assemblage, Geochemistry of Lake Water, Diatom Indices and Water Quality Index for Assessment of Environmental Conditions in Yercaud Lake, Salem District, Tamil Nadu”** submitted to Periyar University in partial fulfillment of the requirements for the award of the degree of Doctor of Philosophy in Geology is a record of original research work carried out by me under the guidance and supervision of **Prof. Dr. R. VENAKATACHAPATHY, M.Sc.,M.Phil.,Ph.D.,** and that it has not formed before the basis for the award of any Degree, Diploma, Associate ship, Fellowship or any other similar titles in this or any other University or Institution of higher learning.

Place: Salem

Date: 06.11.2015

(G. NANTHAKUMAR)