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CERTIFICATE

I certify that the thesis entitled "**CONTRIBUTIONS TO OSCILLATION AND NONOSCILLATION OF NONLINEAR DELAY AND NEUTRAL TYPE DIFFERENCE EQUATIONS**" submitted for the award of the Degree of **Doctor of Philosophy in Mathematics** by **Mr.K.ALAGESAN** is the record of research work done by him during the study under my guidance and supervision, and that the thesis has not formed the basis for the award of any degree, diploma, associateship, fellowship, titles in this or any other University or other similar Institution of higher learning.

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October 2015

Signature of the Supervisor

(Dr.R.ARUL)