

UNIVERSITY OF MADRAS, CHENNAI - 600 005

TAMIL NADU, INDIA

MAY 2018

CERTIFICATE

This is to certify that the thesis entitled “**A STUDY ON THE PROPERTIES OF PANCHAKAVYA AND ITS EFFECT ON CROP YIELD AND SOIL FERTILITY**” submitted to the **University of Madras** , in partial fulfilment of the requirements for the award of the degree of **Doctor of Philosophy in Botany** is a record of original research work done by **Ms. V. RAMYA** during the period from **December 2015 to May 2018** under my supervision and guidance and the thesis has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship or other similar title to any candidate of any University.

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Date : 11.05. 2018

Signature of the Guide/ Supervisor

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