



CERTIFICATE

This is to certify that the thesis entitled “**A STUDY OF FUZZY COGNITIVE MAPS, FUZZY COGNITIVE BIMAPS, FUZZY COGNITIVE INTERVAL MAPS, SUPER FUZZY COGNITIVE MAPS AND NEUTROSOPHIC COGNITIVE MAPS WITH APPLICATIONS TO REAL WORLD PROBLEMS**” submitted to the Avinashilingam University for Women, Coimbatore in partial fulfillment of the requirements for the award of the **DEGREE OF MASTER OF PHILOSOPHY IN MATHEMATICS** is a record of original research work done by **L.GOMATHY** during the period of her study in the Department of mathematics, Avinashilingam University for Women, Coimbatore-641 043, under my supervision and guidance and the thesis has not formed the basis for the award of any Degree / Diploma / Associate ship / Fellowship or similar title to any candidate of any other university.


Signature of the Guide

Forwarded


Signature of the Head of the Department