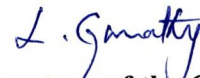


DECLARATION

I here by declare 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 me under the supervision and guidance of **Dr.(Tmt.)A.Kalaichelvi, M.Sc.,(Madras), B.Ed., M.Phil., (Bharathiyar), Ph.D., (Avinashilingam)**, Associate Professor, Department of Mathematics, Avinashilingam University for women, Coimbatore, that is 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 Candidate



Signature of the Guide