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## **CERTIFICATE**

This thesis entitled “**A STUDY ON FUZZY AND INTUITIONISTIC FUZZY SUBHEMIRING OF A HEMIRING WITH RESPECT TO (T,S) NORM**” submitted by **K.UMADEVI** for the award of Degree of Doctor of Philosophy in Mathematics of Manonmaniam Sundaranar University is a record of bonafied research work done by her and it has not been submitted for the award of any degree, diploma, associateship, fellowship of any university / Institution.

Place : Tiruchendur.

Date :07-09-2013

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