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CERTIFICATE

This is to certify that the thesis entitled “**ALGEBRAIC PROPERTIES OF Q-FUZZY GROUP, M-FUZZY GROUP, FUZZY S-SEMI GROUP, INTUITIONISTIC FUZZY GROUP, AND S-ANTI FUZZY LEFT H-IDEAL OVER FUZZY GROUP, NEAR RING AND HEMI RING**” being submitted by **R. NAGARAJAN** for the award of degree of Doctor of Philosophy in Mathematics to the Bharathidasan University, Tiruchirappalli, is a record of bonafide research work carried out by him under my supervision and guidance. The results embodied In this thesis have not been submitted to any other University or Institute for the award of any degree or Diploma or any fellowship.

Dr. A. SOLAIRAJU
Research Advisor

DECLARATION

I hereby declare that this work has been carried out originally by me, under the guidance and supervision of **Dr. A. SOLAIRAJU**, Associate Professor of Mathematics, PG and Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu, India, and that this work has not been submitted either in whole or in part for any degree at any University.

Place: Tiruchirappalli

Signature

Date:

R. NAGARAJAN

Dr. A SOLAIRAJU, M.Sc ., PGDCA., Ph.D.
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Place: Tiruchirappalli

Signature

Date:

R. NAGARAJAN

Tiruchirappalii – 620 020
6th, October, 2010

From

K. Vaikundamoorthy
(Ref. No.03404 / Ph.D.1/ PT / Maths / Confirm. / July 2003 dated 21.04.2005)
Research Scholar/ Part time
PG & Research Department of Mathematics
Jamal Mohamed college (Autonomous)
Tiruchirappalli-620 020.

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To

The Principal
Jamal Mohamed college (Autonomous)
Tiruchirappalli - 620 020.

Through

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