

# PROBABILISTIC INTERPRETATION OF COMPLEX FUZZY SETS

*A project submitted to the Bharathiar University in the partial fulfillment of the requirements for the award of the degree of*

## MASTER OF SCIENCE IN MATHEMATICS

Submitted by

M.NIVEDHA

(Reg.No. 19PMAT020)

Under the Guidance and Supervision of

Mrs.C.RADHAMANI M.Sc., M.Phil., PGDCA.,



DEPARTMENT OF MATHEMATICS

(DBT STAR COLLEGE SCHEME)

KONGU ARTS AND SCIENCE COLLEGE



An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore

Re-accredited by NAAC

An ISO 9001:2015 Certified Institution

ERODE - 638 107.

MARCH - 2021

**KONGU**  
Assuring the Best


CERTIFICATE

This is to certify that the project entitled, " **PROBABILISTIC INTERPRETATION OF COMPLEX FUZZYSETS** " submitted to the Bharathiar University, in partial fulfillment of the requirements for the award of the degree of **MASTER OF SCIENCE IN MATHEMATICS** is a record of work done by **M.NIVEDHA** (Reg.No.19PMAT020), during the period 2019-2021 of her study in the Department of Mathematics, Kongu Arts and Science College (Autonomous), Erode under my supervision and guidance and the project has not formed the basis for the award of any Degree / Diploma / Associateship / fellowship or similar title to any candidate of any university.

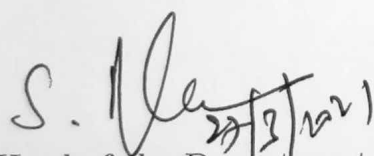
Place : Erode


Date : 27.03.2021



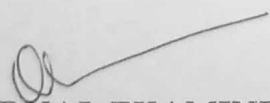
  
Signature of the Guide  
(Mrs.C.RADHAMANI)

**ASSISTANT PROFESSOR OF MATHEMATICS**  
**Kongu Arts and Science College,**  
**(Autonomous)**  
**ERODE - 638 107**

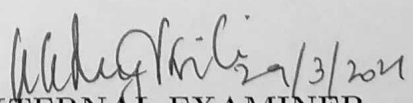
  
Head of the Department  
~~Head of the Department~~  
Department of Mathematics  
Kongu Arts and Science College  
(Autonomous)  
Erode-638 107

  
Principal  
**PRINCIPAL,**  
**KONGU ARTS AND SCIENCE COLLEGE**  
**(AUTONOMOUS)**  
**NANJANAPURAM, ERODE - 638 107.**

Date of Viva-voice Examination: 29.03.2021

  
INTERNAL EXAMINER

**ASSISTANT PROFESSOR OF MATHEMATICS**  
**Kongu Arts and Science College,**  
**(Autonomous)**  
**ERODE - 638 107,**

  
EXTERNAL EXAMINER

**Dr. K. K. Myithili**  
Associate Professor and Head  
Department of Mathematics (CA)  
Vellalar College for Women (Autonomous)  
Erode - 638 042