# A COGITATIVE MEASURE ON HYPERCONNECTED SPACES AND NEUTROSOPHIC HYPERCONNECTED SPACES HOLDING DISPARATE CLASS OF SETS

Thesis submitted to the Bharathiar University for the award of the degree of

## **DOCTOR OF PHILOSOPHY IN MATHEMATICS**

Submitted by

M. DEEPA

Under the guidance of

Dr. (Mrs.) D. SASIKALA, M.Sc., M.Phil., Ph.D., PGDCA.

Assistant Professor

Department of Mathematics

PSGR Krishnammal College for Women

### COIMBATORE



PSGR Krishnammal College for Women



### **DEPARTMENT OF MATHEMATICS**

### PSGR KRISHNAMMAL COLLEGE FOR WOMEN

UGC-Certified College of Excellence An Autonomous Institution-Affiliated to Bharathiar University Accredited with "A++" Grade by NAAC-6<sup>th</sup> Rank in NIRF 2021 An ISO 9001:2015 Certified Institution **COIMBATORE - 641 004 TAMILNADU, INDIA.** 

**June 2022**