

### Staff Profile

- 1) Name : Dr. K. Mohana  
2) Qualification : M.Sc., M. Phil., PGDCA., PGDOR., B. Ed., Ph.D.,  
3) Designation : Assistant Professor  
4) Area of Specialization : Topology, Fuzzy Topology  
5) Teaching Experience : UG:14 years 5 months PG: 7 years  
Research: 10 years

- 6) M.Phils & Ph.Ds Produced : M.Phil: 4 Ph.D: Nil  
7) Publications : National:2 International:70  
8) Projects :

Title	Funding Agency	Amount	Status (Ongoing/ Completed)
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- 9) No. of Presentations : International-3 National-4  
10) No. of Fellowships : Nil  
11) No. of Awards : Nil  
12) Countries Visited : Nil  
13) (i) No. of Swayam Courses completed : Nil  
(ii) No. of NPTEL Courses completed : Nil  
(iii) No. of Coursera Courses completed : Nil  
14) Latest Publications :

- “Spherical Bipolar fuzzy sets and its application in multi criteria decision making problem” ,Journal of new theory, Vol-32, PP 58-70,2020.
- “Bipolar Pythagorean fuzzy subring of a ring” Journal of New Theory, NO 30,PP 8-20,2020.
- “Bipolar Picture fuzzy Dombi weighted geometricoperator and its application” Strad Research Journal, Vol-7, No-10, PP 321-330,2020.
- “ Quadripartitioned Single valued neutrosophic Dombi weighted aggregation operators for multiple attribute decision making” Neutrosophic sets and systems,Vol-32,No-1,PP 107-122,2020.

- “ Improved Correlation Coefficients of Quadripartitioned Single valued neutrosophic sets and Interval Quadripartitioned neutrosophic sets” IGI Global, Chapter No 14,PP 331-363,2020.
- “Axiomatic Characterizations of Quadripartitioned Single valued neutrosophic rough sets”,Journal of New Theory,N0 32,PP 86-99,2020.
- “ Generalized pre closed sets via bipolar picture fuzzy topological spaces, Infokara,Vol-9,No-10,PP 293-309,2020.
- “Bipolar picture fuzzy UP-subalgebra, JOICS,Vol-9,No-10,PP 293-309,2020.
- “ BCH-subalgebras and sub semiring based on Bipolar picture fuzzy set , GIS journal,Vol-7,No-11,2020.
- “Bipolar Picture fuzzy Hamacher aggregation operator for multiple attribute decision making” , IJAEMA, Vol-10, No-12,2020.