


Dr. Dr. Ranu Sharma

1. Personal Information		
(i)	Name	Dr.Ranu Sharma
(ii)	Qualification	Ph. D
(iii)	Designation	Assistant Professor
(iv)	Email-id	ranusamarth@gmail.com
(v)	Employee No.	1409670
(vi)	Department	Applied Mathematics and Computational Science
(vii)	Experience	14 years



2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
1.	Ph. D	Applied Mathematics	2019	Devi Ahilya University, Indore
2.	MPhil	Mathematics	2011	Vinayaka Mission University, Salem, Tamilnadu (DE)
3.	MSc	Mathematics	2005	Devi Ahilya University Indore
4.	BSc	Computer Science	2003	Devi Ahilya University Indore

3. Research Interests
Topological space , Fuzzy topological space

4. Research Paper Publications
(I) International/National Journal Publications
“Connectedness in quad topological spaces” published in International Journal of Mathematical Sciences and Engineering Application, vol 8, No. V, September 2014,197-203.
“Separation axioms in quad topologicalspaces”published in Bulletin of Mathematics Sciences &

Applications vol.3, No.4,”2014,34-37.
“q-Continuous functions in quad topological spaces” published in Annals of Pure & Applied mathematics, vol 10, No.1, 14 July 2015,117-122.
“q-b Continuous functions in quad topological spaces” published in “International Journal of Mathematics and Computer Research“, vol 3, No. 6, June 2015 ,pp 197-203.
“q- α open sets in quad topological spaces” published in Transactions on mathematics vol 2, No. 2 2016 ,pp 43-52.
“Semi-open sets and pre open sets in tri topological spaces” published in i-manager’s journal on mathematics ,vol. 5, No.3, July-September 2016.
“Tri connectedness in tri topological spaces”published in Indian journal of applied research,vol.6,no.10 ,October 2016,477-489.
" β_T open sets in Tri Topological space” published in the “ International Journal of Scientific Research, vol.6, No. 7, July 2017,pp 38-42.
α_q open sets and β_q open sets in Quad Topological Space” has been published in the “Aryabhatta Journal of Mathematics and Informatics ,vol. 9, No.1, 2017, pp 897-909 ”.
“Some Properties of tri-b open sets in Tri Topological space”published in the “International journal of Mathematics and its Application” Vol. 6, 2-A, 2018, 279-287
“Fuzzy Semi open sets and Fuzzy Pre-open sets in Fuzzy Tri Topological Space” published in “International Journal of Mathematics trends and technology, vol. 55, No. 6, March 2018, pp 420-429.
“Fuzzy connectedness in Fuzzy Quad Topological space” has been published in International Journal of Mathematics trends and technology , vol. 57, No. 3, May 2018,166-171.
“Fuzzy α_q open sets and Fuzzy β_q open sets in Fuzzy Quad Topological space” has been published in “International Journal of Fuzzy Mathematical Archive, vol. 15, No. 2, April 2018, pp 123-136.
“Fuzzy Semi-open sets and Fuzzy pre open sets in quad topological spaces” has been published in Annals of Pure and Applied Mathematics, vol.17, No.1, May 2018.
“Fuzzy Connectedness in Fuzzy tri topological space, Applied Engineering Research .Vol. 13, No. 16, 2018 ,12962-12967.
“Fuzzy open sets in Fuzzy tri topological space, International Journal of Mathematics and Computer science, Vol.6, No.8, 2018,197-203.
Presented a research paper entitled “ α_T open sets in Tri Topological space ” in Guru Govind Singh college of Engineering and Research Center , Nashik , Maharashtra (India) and this paper has been published in International Journal of Innovative Research in Science and Engineering ,Vol. 3, No. 3, 26 March 2017.
Presented a research paper entitled “Semi-open sets and pre-open sets in quad topological spaces” at the institution of Electronics and Telecommunication Engineering, Osmania University Campus, Hyderabad

(India) and this paper has been published in International Journal of Computer and Mathematical Science , vol. 6, No.9, September 2017,15-20.

Presented a research paper entitled “Fuzzy α_T open sets and Fuzzy β_T open sets in Fuzzy tri Topological space” at NIILM University , Kaithal Haryana,India and this paper has been published in IJMTE, vol. 8, No.8, August 2018.

“Some properties of Fuzzy q-open Sets and Fuzzy q-b open sets in Fuzzy Quad Topological Space”, Paper presented in “First International conference on Recent Advances in Science Engineering and Management” at Sage university during 29-30 September and 1 October 2018.

Presented a research paper entitled “Tri-b connectedness in tri topological space” in three days online International Conference “RS:SRIDRTAS-2020” organized by Department of chemical science ,Christian Eminent college during 30,31 May and 1 June 2020 and this paper has been published in JuniKhyat, vol.-10, No. 6, June 2020, 417-427. (ISSN:2278-4632).

Presented a research paper entitled “Some properties of Penta pre-open sets and Penta semi-open sets in Penta topological space” in two days online International Conference on Advances in Physical, Mathematical and Computational Sciences organized by Faculty of Physical sciences, St. Aloysius college, Jabalpur during 12-13 June 2020.