

Performa Faculty Profile for website Updation:



Name: Ajay Soni

Designation: Associate Professor

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Contact No: +91-7000527181

Educational Qualification:

(Ph.D: Mathematics) / (PG: M. Sc.) / (UG: B. Sc.)

Total Experience: 11 years

Academic : 11 yrs | **Industry :** yrs | **Research :** 8 yrs

Areas of Interest: Applied Mathematics/ Pure Mathematics

Brief Profile:

Dr. Ajay Soni has done Ph.D in Mathematics from Barkatullah Vishwavidyalaya Bhopal and M. Sc. from *Govt. Motilal Vigyan Mahavidyalaya* Bhopal He has about 11 years of experience in teaching and research in different areas of Mathematics and currently working as Assistant Professor in the School of Engineering & Technology. His area of interest is Applied Mathematics and Pure Mathematics.

Research publications in International Journal:

1. "An EOQ Inventory Model Using Ramp Type Demand with Deterioration and Shortage" Ajay Soni, S.P. Singh, International Journal of Engineering Technologies and Management Research, ISSN 2454-1907, Vol.5, 2018.
2. "A Common Fixed Point Theorem in Complete Fuzzy 3 - Metric Spaces" Dr. V. K. Agrawal, Ajay Soni, International Journal of Theoretical & Applied Sciences, Special Issue-NCRTAST ISSN No. (Online): 2249-3247 Vol. 8, No.1, 2016.
3. "Fixed point theorem in fuzzy metric space with the property (E.A)" Dr. V.K. Agrawal, Dr. Geeta Modi, Ajay Soni, Mathematical Theory and Modelling-IISTE, ISSN 2224-5804 (Paper), ISSN 2225-0522 (Online), Vol.5, No.9, 2015.

4. "Common coupled fixed point theorems for contractive mappings in fuzzy metric spaces" Dr. V.K. Agrawal, Dr. Geeta Modi, Ajay Soni, Mathematical Theory and Modelling-IISTE, ISSN 2224-5804 (Paper), ISSN 2225-0522(Online), Vol.5, No.5, 2015.
5. "Fixed Point Theorem with EA Property in Intuitionistic Fuzzy Metric Space" Dr. V.K. Agrawal, Dr. Geeta Modi, Ajay Soni, IJISSET - International Journal of Innovative Science, Engineering & Technology, ISSN 2348 – 7968, Vol. 2 Issue 6, June 2015.
6. "Fixed point theorem for weakly compatible maps in fuzzy metric space" Dr. V.K. Agrawal, Dr. Geeta Modi, Ajay Soni, Mathematical Theory and Modelling-IISTE, ISSN 2224-5804 (Paper), ISSN 2225-0522 (Online), Vol.5, No.5, 2015.
7. " α -Fuzzy Fixed Point Theorem in Hausdorff Fuzzy Metric Spaces" Dr. V.K. Agrawal, Ajay Soni, International Journal of Mathematical Archive, ISSN 2229, 5046-6(3), 2015.
8. "A Common Fixed Point Theorem in Complete Fuzzy Metric Spaces" Dr. V.K. Agrawal, Ajay Soni, Journal of Rajasthan Academy of Physical Sciences, ISSN: 0972-6306, Vol.13, No.2, June ,2014.
9. "A Common Unique Random Fixed Point Theorem in 2 - Hilbert Space" Dr. V. K. Agrawal, Ajay Soni, Mathematical Theory and Modelling-IISTE, ISSN 2224-5804 (Paper), ISSN 2225-0522 (Online), Vol.6, No.8, 2016.

Total Citation Index: (h-index: , i10-index:)

Papers presented in International Conferences: 01

Papers presented in National Conferences: 02

Patents: 01

International/National Conference & Workshops Attended: 02

FDP Attended: 05

Awards/Recognitions:

- *NCC "C", "B", "A" Certificates.*
- *RDC Camp Delhi, (National)*
- *NSC Camp, Vishakhapattanam (National)*
- *17 Rock climbing Competition, Bikaner (National)*
- *16 Rock climbing Competition, Bhopal (National)*

Bikana Cup of IMF Rock climbing (National)

Workshops/Seminars/Conference Organized: 02

Membership of Professional Bodies:

PAMJ

Other Achievements: