Faculty Profile

Name : Deeba Ruqaiya Naqvi

Designation : Assistant Professor

Qualifications : M.Sc (Mathematics)-IIT(Delhi), NET-JRF(UGC), pursuing Ph.D- IGDTUW.

Phone :

Email : deeba.naqvi@msit.in

Area of Interest/Specialization: Fuzzy Optimization-Game Theory

Experience : 18 years

Key Publications

1. Solving I-fuzzy two person zero-sum matrix games: Tanaka and Asai approach, D. Naqvi, A. Aggarwal, G. Sachdev, and I. Khan, pages 80–86, 2019, Granular Computing.

2. A novel approach for two person zero-sum matrix game with intuitionistic fuzzy 2-tuple linguistic information, D. Naqvi, pages 10-24, THE RESEARCH JOURNAL (TRJ): A UNIT OF I2OR.
3. Solutions of matrix games involving linguistic interval-valued intuitionistic fuzzy sets, Deeba R. Naqvi, Rajkumar Verma, Abha Aggarwal, Geeta Sachdev, pages 783–808, 27, 2023, Soft Computing .
4. Matrix games involving interval-valued hesitant fuzzy linguistic sets and its application to electric vehicles, pages 5085–5105, 44, 2023, Journal of Intelligent & Fuzzy Systems.

Papers presented in Conferences

1. Two person zero sum game involving I-fuzzy parameters, ORSI-2018, IIT-Bombay, Mumbai.

2. On Solving Group Matrix Games Involving Interval Valued Fuzzy Numbers, 2019, South Asian University, Delhi.
3. Matrix games involving linguistic Pythagorean fuzzy sets, The 7th International Conference on Fuzzy Systems and Data Mining (FSDM 2021), October 26-29, 2021 (ONLINE mode).
4. A new approach to Pythagorean fuzzy group matrix game, International Conference On Optimization, Learning and Analytics in Business, OLAB-2022, Department of Mathematics, Heritage Institute of Technology, Kolkata, India and Operational Research Society of India (Kolkata Chapter) December 15-17, 2022 (ONLINE mode).

Awards and Recognitions

1. Secured 2nd Position South Campus, Delhi University in 1999-2000.
2. Secured 2nd Position South Campus, Delhi University in 2000-2001.

Patent/Copyright

N.A

Sponsored Project/Consultancy

N.A.

Book Chapter/Books published

1. On Uncertain Matrix Games Involving Linguistic Pythagorean Fuzzy Sets, Deeba R. Naqvi and Geeta Sachdev, Book Chapter in "Combinatorial Optimization Under Uncertainty: Real-life Scenarios in Allocation Problems", CRC Press, Taylor and Francis Group (In Press).

Ph.D Supervised

N.A.

Memberships of Professional bodies

Life Time Membership of ORSI

Other Contributions

Attended FDP's, conferences, seminars, workshops etc. and does compering in the institute for various such events.