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Dr. Ruchi Gupta

Designation : Assistant Professor
Qualifications : Ph.D.(Fluid Mechanics)
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[Google Scholar Profile:](#)

<https://scholar.google.com/citations?hl=en&user=bqXOLV8AAAAJ>

Research Interest: Fluid Mechanics, Operation Research, Data Analytics

+ Journal Publication Details:

Sapna, Ruchi Gupta(2021)" **A Modified Hungarian methodology to solve assignment problem** ", Journal of Huazhong University of Science and Technology ISSN-1674512, April(2021), Volume 50, Issue 04, 1-8, <https://app.box.com/s/3d6wlfthkg3lc2is162p7tq9bmx7hjjc> (Scopus) .

Ruchi Gupta, Arun Kajla (2020) "**Differences of Operators of Generalized Szász Type**", Khayyam Journal of Mathematics, ISSN 2423-4788, no. 2, 141-154, DOI: 10.22034/kjm.2020.109811" (Scopus).

Ruchi Gupta, Hardeo Kumar Thakur, Chhavi Baliyan & Mansi Mangla(2020) "**Future Population and Literacy Rate Projection in India**", Test Engineering and Management, ISSN: 0193-4120, May2020, Volume-83, Page No.: 10128-10138" (Scopus).

Rakesh Batra, Ruchi Gupta & Priyanka Sahni(2020) "**A new extension of Kannan contractions and related fixed point results**", The Journal of Analysis, ISSN: 2367-2501, 20May 2020, DOI:/10.1007/s41478-020-00241-1"(Springer).

Rakesh Batra, Ruchi Gupta & Priyanka Sahni(2020) "**some results related to fixed points of F-G contractions on metric spaces equipped with w-distance**", Journal of Interdisciplinary Mathematics, ISSN: 0972-0502, 11May 2020 23:2, 413-423" DOI: 10.1080/09720502.2020.1731954" (Scopus).

Ruchi Gupta, Mukesh Sahu, Nikita Gulati, Komal, Diksha Jasrotia(2019) "**An Alternative Method to Reduce Medicine Costs By Minimizing Transportation Overheads**", International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249-8958 (Online), Volume-8 Issue-4, April 2019, Page No.:91-94

"Ruchi Gupta, Tarun Singh(2018) "**Examining the Effect of The Magnetic Field on Free Convection Flows in Liquid Metals, Electrolytes and Ionized Gases**", International Journal of Scientific Research in Science, Engineering and Technology March-April-2018 [(4)] 4: 849-857

Ruchi Gupta, Hambeer Singh(2018) “ **Physical Characteristics of Laminar and Non-Laminar Fluid Flows through Porous Medium**”, International Journal on Future Revolution in Computer Science & Communication Engineering, Volume: 4 Issue: 3, April-2018.

Ruchi Gupta(2015) “ **Performance of Motorcycle Radiator at High Working Temperatures**, International Journal of Engineering Rese& Technology (IJERT arch), Volume. 6, Issue. 06, June – 2017

Ruchi Gupta(2015) “ **MHD viscous vicoelastic fluid through magnetic field**”, International Journal of Engineering &Mathematical Sciences, Volume: 4, Issue: 10, Special Issue Oct- 2015

Ruchi Sahu, M. P. Singh(2005) “ **Transient Free Convection Flow through Magnetic Field**”, The Mathematics Education Vol XXXIX, No.1, 03 (2005) 32- 36.

+ Conference Details:

Ruchi Gupta, Harendra Kumar Jindal, Sarvesh, Raj Kumar, Chhavi Baliyan(2020) “, **A Literature Review of Linear Programming Problems: Based on Case**”, 2nd International Tokyo Conference On Innovative Studies Of Contemporary Sciences-II, ISBN:978-625-7139-21-2,(Aug2020),Page No.:116-119”.

Ruchi Gupta, Nikita Gulati(2019) “, **Survey of Transportation Problems**”, International Conference on Machine Learning, Big Data, Cloud and Parallel Computing (COMITCon) IEEE Xplore,ISSN: 978-1-7281-0211-5,11 October 2019 Page NO.:417-428” (Scopus).

“Ruchi Gupta, Komal (2019) “, **Literature survey on single and multi-objective Transportation Problems**”, International Conference on Sustainable Computing in Science, Technology & Management (Elsevier SSRN), February 26 - 28, 2019.

“Ruchi Sahu, M.P. Singh(2010) “, **Free convection flow of a visco-elastic fluid past an infinite porous plate with constant suction**”, CAMIST NIT, Rourkela. 01 (2010) 51-56

+ Research Supervised:

Priyanka Sahni Bhatia on “**Metric Fixed Point Theorems For Generalized Contractions**” Year - 2019 (Ongoing)

+ Administrative Responsibilities:

“Departmental Time Table Coordinator” in MRU from 01-06-2018 to Till date

“Departmental NPTEL Coordinator” in MRU from 01-06-2018 to Till date

“Online Program BSc (IT) Course Coordinator” in MRU from 01-06-2020 to Till date

“Clan Chief” in MRU from 01-06-2019 to Till date

“Departmental Feedback Coordinator” in MRU from 01-06-2018 to Till date

“Departmental Review committee member” in MRU from 01-06-2019 to Till date

“Working on NAAC” in MRU from 01-06-2019 to Till date

"ERP coordinator" in MRU from 01-06-2018 to 01-06-2019