

# The ICFAI University, Dehradun

## Supervisor's profile

Name of School (ITS)



1. Name of Faculty: Dr. Mukul Jain

2. Date of Birth: 02-03-1977

3. Date of Joining to ICFAI: 11 September, 2017

4. Academic Qualifications:

Degree awarded	Year	Subject	University
Master (M.Sc.)	1999	Mathematics	H.N.B Garhwal Central University
Ph.D.	2007	Mathematics	H.N.B Garhwal Central University

5. Field of Research Interest: Goal Programming with Fuzzy Logics, Optimization

Techniques, MCDM

6. No of Ph.D. student supervised: 03

No of Ph.D. student supervising presently: 01

7. Details of publications:

No of publication in SCI/Scopus/ABDC	No of publication in UGC Care Journal	No of publication in Refereed Journals	Total no of publications
02	10	04	16

8. List of publications:

Sl No	Name of Authors	Title of paper	Name of Journal	Month & Year	Vol.	Pages	ISSN	Indexed
1.	Mukul Jain; Dr. Navneet Gupta	Numerical Solution of Processor- Shearing of Queueing Model	Rajasthan Academy of Physical Sciences	Nov, 2004	Vol -3(4)	281- 290	0972- 6306	
2.	Mukul Jain; Dr. P.K Sharma	A Multiple Objective Model for Centralization / Decentralization of Computer Facility	Journal of Mathematical Analysis and Approximation Theory	July, 2006	Vol-1(2)	115- 123	0973- 5119	

3.	Mukul Jain; Dr. P.K Sharma	Mathematical Analysis of Location-Allocation Using Technique	International Journal of Agricultural and Statistical Sciences	Dec,2006	Vol-2(2)	223-232	0847-6278	
4.	Mukul Jain; Dr. P.K Sharma	A Multiple Objective Model for Health Care	Journal of Indian Mathematical Society	Sept,2007	Volume-1	114-126	0631-7187	
5.	Mukul Jain: Dr. P.K Sharma	Multiple Objective Approach to Resource Allocation in Academic Institutes	Acta Ciencia Indica (International Journal of Physical Sciences)	March,2009	Volume – 3(2)	318-331	0952-8229	
6.	Nishant Mathur, Dr. Mukul Jain	A Distribution of Nodes in Big Data using Hadoop Open Source System	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	January, 2020	Volume-9 Issue-3,	106-110	ISSN: 2278-3075	
7.	Nishant Mathur, Dr. Mukul Jain	Relevance Of Machine Learning Entropy To Detect Financial Fraud	International Journal of Advanced Research in Engineering and Technology (IJARET)	August, 2020	Volume 11, Issue 8	71-86	ISSN Print: 0976-6480 and ISSN Online: 0976-6499	Journal Impact Factor (2020): 10.9475 <a href="#">SCOPUS</a>
8.	Dr. Mukul Jain	A Multiple Objective Model to Scheduling staff in fire station	Antardrishti IUD Journal of Interdisciplinary Research	Dec,2020	Volume-1	49-57		
9.	Nishant Mathur, Dr. Mukul Jain	Modern Approach of Sentiment Analysis Using Naïve Bayes Machine Classifier	First International Conference on Integrated Intelligence Enable Networks & Computing (IIENC-2020), Springer, Singapore.	September, 2020			Print ISBN 978-981-33-6306-9 Online ISBN 978-981-33-6307-6	

10.	Nishant Mathur, Dr. Mukul Jain	Alliance of Machine Learning Ensemble Technique under Different Iteration using Credit Data	Research Insights on Management, Social Science, Literature, Law and Science Special Issue by Empirical Economics Letters, International Journal of Economics	May,2021			ISSN 1681-8997 Indexed in ABDC journal	ABDC journal
11.	Nishant Mathur, Dr. Mukul Jain	Comparisons of Machine Learning Algorithms for fraudulent Analysis in Financial Sector	Antardrishti IUD Journal of Innovative Research, The ICFAI University, Dehradun	June,2021				
12.	Abhilasha Chauhan, Dr. Mukul Jain	An Enhanced Cluster Feedback System for the Reduction of Jitter		July,2021	Issue: 7	3015-3036	ISSN: 0011-9342	
13.	Jasvinder Kaur, Dr. Mukul Jain	Inventory Policy for Decaying Products with Time-Diverse Carrying Value and Demand Dependent on Time under Fractional Backlogging	International Journal of Analytical and Experimental Modal Analysis (IJAEMA)	Feb,2022	Issue:2 Volume:14	374-378	ISSN No: 0886-9367	UGC care approved and Scopus Indexed Journal
14.	Jasvinder Kaur, Dr. Mukul Jain	Inventory Policy for Improving and Decline Products with Linear Demand Rate Under Permissible Delay in Payment and Decantation Cost	International Journal of Research and Analytical Reviews (IJRAR)	Feb,2022	Issue:1 Volume:9	262-265	E ISSN No: 2348-1269 P ISSN No: 2349-5138	UGC care approved
15.	Jasvinder Kaur, Dr. Mukul Jain	For An Inventory Policy, Linear Demand Across	Stochastic Modelling and Applications	April,2022	Issue: 3 Volume: 26	PP-1588-1595	0972-3641	UGC care approved, impact factor:1.53

		Certain Perishable Products Which Is Time Dependent and Permissible Delays in The Payers						
16.	Jasvinder Kaur, Dr. Mukul Jain	Inventory model for deterioration is dependent of time period with dealing credits demand rate	JASC: Journal of Applied Science and Computations	September,2022	Volume IX, Issue IX,	PP-242-248	1076-5131	ISO 7021: 2008 Impact Factor5.8/UGC Care approved

### List of Achievements:

1.	Best researcher award 2023, in ICFAI University, 2023 on Teachers Day, 5 September,2023
2.	<b>Contributed as “Session Chair”</b> at the international conference of “Multi Strategy Learning Environment (ICMSLE-2024) held on January 12-13, 2024 at Graphic Era Hill University Dehradun
3.	<b>Contributed as reviewer of the six papers of IEEE</b> conference, Uttarakhand held on 08-09 June,2023
4.	<b>Contributed as reviewer of the two research papers of International Conference on Computer, Electronics, Electrical Engineering and Their Applications (IC2E3-2024), Uttarakhand held on 06-07 June,2024</b>