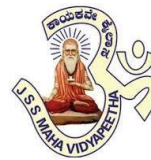





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Noida**  
**Department of Mathematics**



**FACULTY PROFILE**

**1. Personal Details**

NAME	Dr. NIKUNJ AGARWAL	
DEPARTMENT	MATHEMATICS	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	8447747824	
EMAIL ID	nikunjagarwal@jssaten.ac.in	
Date of Joining (JSSATEN)	01-01-2011	

**2. Experience**

Total Experience in Years: 14	Teaching: 7	Industry: - Nil	Research: - 6
-------------------------------	-------------	-----------------	---------------

**3. Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
<b>B.Sc.</b>	Physics, Statistics, Mathematics	2004	D.A.V Degree college, Muzaffarnagar	Ch. Charan Singh University
<b>M.Sc.</b>	Mathematics	2006	D.A.V Degree college, Muzaffarnagar	Ch. Charan Singh University
<b>Ph.D.</b>	Fuzzy Set Theory	2018	Jaypee Institute of Information & Technology, Noida	Jaypee University
Post Doc.	-	-	-	-

#### 4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 04	National: 00
Papers Published in SCOPUS indexed Journals	International: 03	National: 00
Papers Published in other Journals	International: 04	National: 00
Papers Presented in Conferences / Symposium	International: 02	National: 00
Books / Book chapters Published	Name of the book: <b>“PYTHAGOREAN FUZZY SET: THEORY AND APPLICATIONS”</b> Publisher: <b>SPRINGER NATURE</b> Year of Publication: <b>2021</b>  Name of the book: <b>Women Empowerment</b> Publisher: <b>SAHAJ PRAKASHAN</b> Year of Publication: <b>2020</b>	

#### 5. Research Guidance: NIL

PhD Guide? Give field & University	-	-
PhDs / Projects Guided	-	-

#### 6. Grants

##### i. Funds Received (Projects): NIL

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

##### ii. Patents: NIL

Sl. No.	Title Details	Details of award of patent / Filed
1	<b>Title:</b> A novel method for developing fuzzy code word length noiseless coding theorem	<b>The Patent Office Journal No. 35/2035, Application No. 202311052783, Publication Date: 01-09-2023</b>

### iii. Consultancy: NIL

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-

### 7. Awards Received: NIL

-	-
---	---

## 8. Publications

### i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	Some improved interactive aggregation operators under interval-valued intuitionistic fuzzy environment and its application to decision making process	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	Scientia Iranica. Transaction E, Industrial Engineering	Vol. 24, Issue 5, 2016	<b>Both</b>	1.435	Sharif University of Technology
2	Choquet Integral-Based Information Aggregation Operators under the interval-valued intuitionistic fuzzy set and Its Applications to Decision-	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	International Journal for Uncertainty Quantification.	Vol. 7, Issue 3, 2017	<b>Both</b>	4.911	Begel House Inc.

	Making Process						
3	Generalized intuitionistic fuzzy entropy measure of order alpha and degree beta and its applications to multi-criteria decision making problem	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	International Journal of Fuzzy System Applications	Vol. 6, Issue 1, 2017	<b>Scopus</b>	-	IGI Global
4	Entropy based multi-criteria decision making method under fuzzy environment and unknown attribute weights	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	Global Journal of Technology and Optimization	Vol. 6, Issue 3, 2015	-	-	Hilaris
5	Fuzzy Number Intuitionistic fuzzy soft sets and its properties	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	Journal of Fuzzy set valued Analysis	Vol. 3, 2016	-	-	-
6	A novel generalized parametric directed divergence measure of intuitionistic fuzzy sets with its application	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	Annals of Fuzzy Mathematics and Informatics	Vol. 13, Issue 6, 2017	-	-	-
7	Decision making model based on fuzzy	<b>Nikunj Agarwal</b>	Annals of Optimization Theory and Practice	2021	-	-	-

	AHP and TOPSIS using weakest t-norm operations						
8	Multiple attribute group decision-making based on generalized aggregation operators under linguistic interval-valued Pythagorean fuzzy environment	Rajkumar Verma, <b>Nikunj Agarwal</b>	Granular Computing, Springer	2022	<b>WOS</b>	-	-

## ii. National Journals: NIL

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
-	-	-	-	-	-	-	-

## iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Choquet integral-based intuitionistic fuzzy bonferroni mean operator	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	9 <sup>th</sup> International Conference on Contemporary Computing (IC3)	<b>2016</b>	<b>WOS</b>	-	<b>IEEE</b>

2	Decision making model with AHP and TOPSIS using weakest t-norm operations under Interval-valued intuitionistic fuzzy environment	Harish Garg, <b>Nikunj Agarwal</b> and Alka Tripathi	National Conference on Recent Trends in Mathematics with Applications	2019	-	-	<b>SRM University Lucknow</b>
---	--	---	---	------	---	---	-------------------------------

#### iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Operations Research and its Applications to Engineering and Management	I.T.S. Engineering College, Greater Noida	08-05-2010
2	Advanced computing and software tools	JIIT, Noida	30-10-2010
3	General Relativity Centennial	Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi	10-12-2015 to 12-10-2015
4	Numerical methods using scilab	JIIT, Noida	8-04-2016 to 9-04-2016
5	Cyber Crime and Forensic Tools	NITTTR	23-05-2022 to 27-05-2022

#### v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Short Term Course on Operations Research through ICT	NITTTR	28-03-2016 to 01-04-2016	Member
2	One day National webinar on the topic “The Universe and Mathematical Modelling”	JSSATEN	11 June 2020	Member

**vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body): NIL**

<b>Sl. No.</b>	<b>Name of the workshop / Conference</b>	<b>Organizer</b>	<b>Date</b>
-	-	-	-

**9. Details of NPTEL / COURSERA courses completed**

<b>Sl. No.</b>	<b>Name of the subject</b>	<b>Organized by</b>	<b>Date of completion / Award</b>	<b>Grade / Marks</b>
1	Discrete Mathematics	NPTEL	2019	<b>81%</b>
2	Fundamental of Outcome Based Curriculum in Engineering Education	NPTEL	2019	<b>58%</b>

**10. Membership of Professional Bodies: NIL**

-

**11. Any other information you will like to share about your professional experience: NIL**

-