




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



FACULTY PROFILE

1. Personal Details

NAME	Dr. Anushri Verma	
DEPARTMENT	Mathematics	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	8447747825	
EMAIL ID	anushriverma@jssaten.ac.in	
Date of Joining (JSSATEN)	21-07-2007	

2. Experience

Total Experience in Years: 15	Teaching: 15	Industry: - Nil	Research: - Nil
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Sc.-B.Ed	Mathematics	2005	Regional Institute of Education, Ajmer	Maharishi Dayanand University
M.Sc.	Mathematics and Computer applications	2007	Dayalbagh Educational Institute, Agra	(Deemed University)
Ph.D.	Fluid Dynamics	2014	Jaypee Institute of Information Technology, Noida	Jaypee Institute of Information Technology, Noida(Declared to be deemed)
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 00	National: 00
Papers Published in SCOPUS indexed Journals	International: 06	National: 00
Papers Published in other Journals	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 03	National: 01
Books / Book chapters Published		

5. Research Guidance: NIL

PhD Guide? Give field & University	No	University: NA
PhDs / Projects Guided	Ph.D. Awarded: NIL Guiding: NIL	Projects at Master's Level: - Nil Projects at Bachelor's Level: NIL

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	Title: A novel method for developing fuzzy code word length noiseless coding theorem	The Patent Office Journal No. 35/2023 Application No. 202311052783 A Publication Date: 01-09-2023

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

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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	“Effect of Hall currents on double diffusive convection of compressible Rivlin-Ericksen fluid permeated with suspended particles in porous medium”	Anushri Verma, Dr Amrish Kumar Aggarwal	Mathematical Sciences and its Applications	vol. 1802, Issue 1, pp. 020001-1–020001-9, 2017	Scopus	1.45	American Institute of Physics
2	“Effect of Hall currents on thermal instability of dusty couple stress fluid”	Anushri Verma, Amrish Kumar Aggarwal	Archives of Thermodynamics	vol 37(3), pp. 3-18, 2016	Scopus	0.67	Polska Akademia Nauk
3	“The effect of compressibility, rotation and magnetic field on thermal	Anushri Verma, Amrish Kumar Aggarwal	Thermal Science	vol. 18, Suppl. 2, pp. S539-S550, 2014	Scopus	1.45	Vinča Institute of Nuclear Sciences, Belgrade

	stability of Walters' fluid permeated with suspended particles in porous medium"						
4	"Effect of suspended particles, magnetic field and rotation on the thermal stability of a ferromagnetic fluid"	Anushri Verma , Amrish Kumar Aggarwal	International Journal of Applied Mechanics and Engineering	vol. 17 (4), pp. 1109-1122, 2012	Scopus	0.18	De Gruyter Poland
5	"Effect of rotation and magnetic field on thermal instability of a viscoelastic fluid permeated with suspended particles"	Anushri Verma , Amrish Kumar Aggarwal	WSEAS Transactions on Mathematics	vol. 9 (8), pp. 593-602, 2010	Scopus	0.65	WSEAS

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
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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	Thermal Effect of Compressible	Anushri Verma	2 nd National Conference on Recent	2020	-	-	IEEE

	Rivlin Ericksen Fluid Permeated with Suspended Particles in Porous Medium		Trends in Mathematics with Applications				
2	Double Diffusive Convection in a Rotating Nanofluid Layer Saturating in a Porous Medium	Amrish Aggarwal, Anushri Verma	Track C, Continuum Mechanics and Numerical Analysis, Page No. C.8, 3 rd International Conference on Recent Advances in Mathematical Sciences and its Applications	2019	Scopus	-	IEEE
3	Effect of rotation and magnetic field on thermal stability of ferromagnetic fluid	Amrish Aggarwal, Anushri Verma	Proceedings of the ASME 2013 International Mechanical Engineering Congress & Exposition (IMECE2013), San Diego, California, USA	2013	Scopus	-	ASME
4	Thermal instability of rotating ferromagnetic fluids in the presence of magnetic field	Amrish Aggarwal, Anushri Verma	21 st International Conference of Forum of Interdisciplinary Mathematics and Computational Techniques (IMSCT 2012 – FIM XXI), Punjab University, Chandigarh	2012	-	-	-

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Two week Refresher Course on “Nanoscience and Nanotechnology”	Applied Science Department, NITTTR, Chandigarh	13 th – 24 th June 2022
2	National Webinar on “Molecules to Devices: Organic Electronics - Photovoltaic and Sensors”	Department of Chemistry at JSS Academy of Technical Education, NOIDA	11th June 2022
3	National Webinar on “Nano and Bio-interfaces with Improved Functionality”	Department of Chemistry at JSS Academy of Technical Education, NOIDA	10th June 2022
4	One week FACULTY DEVELOPMENT PROGRAMME ON “Cyber Crime and Forensic Tools”	Information Management and Emerging Engineering Department, NITTTR	23rd - 27th May 2022
5	Online Faculty Development Programme On “Applications Of Mathematics In Engineering And Sciences	Department of Humanities and Sciences, Sri Venkateswara Institute of Science & Technology, Kadapa	20th - 25 th August 2020
6	International Webinar on “Applications of Linear Programming in Performance Measurement	PG & Research Department of Mathematics, DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE, Chennai 600 106	8th August 2020
7	One Week Online International Faculty Development Program On “Mathematical Prototypes And Their Applications In Engineering And Science	Department of Engineering Mathematics and Humanities, SRKR Engineering	27-07-2020 to 01-08-2020

	(Mpaes-2020)	College, Bhimavaram, Andhra Pradesh, India	
8	National Webinar on “Hoe ego states and social transaction help communicate effectively	Department of English, JSS Academy of Technical Education, Noida	22nd July 2020
9	National Webinar on “Relevance of Digital Interventions in Empowerment of Marginalised Post COVID-19	Department of Physics, JSS Academy of Technical Education, Noida	21st July 2020
10	National Webinar on “Application of Fibrous Materials for Energy Storage”	Department Of Chemistry, JSS Academy of Technical Education, NOIDA	20th July 2020
11	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON “EXPOSURE & REJUVENATION OF TECHNOLOGIES IN CHANGED ERA OF THE WORLD”	Department of Electronics & Communication Engineering, Raj Kumar Goel Institute of Technology, Ghaziabad, U.P. India	July 6, 2020 to July 10, 2020
12	Online AICTE Recognized FACULTY DEVELOPMENT PROGRAMME ON REFRESHER COURSE ON APPLICATION OF NANOSCIENCE IN MODERN DAY RESEARCH AND TECHNOLOGY	Applied Science Department NITTTR, Chandigarh	19/06/2020 to 02/07/2020 (Two Weeks)
13	secured S+ grade in a ONE WEEK NATIONAL LEVEL ONLINE <u>SHORT TIME TRAINING PROGRAM</u> ON “MATLAB FOR ALL”	Department of Electrical and Electronics Engineering, SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY, Bangalore-562157	4-8 June 2020

14	National <u>Webinar</u> on “Creating Virtual Learning Environment”	Department of Education, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab	5th June, 2020
15	<u>International Webinar</u> on “COVID-19 PANDEMIC: EMERGING CHALLENGES & PERSPECTIVES IN-LEARNING”	Harsh Vidya Mandie (PG) College, Raisi, Haridwar, Uttarakhand, India.	29th May,2020
16	<u>Webinar</u> on “RESEARCH GRANT WRITING: AN ART”	SHUBHARTI UNIVERSITY, Meerut (UP).	25th May, 2020
17	Eight days faculty development program on “ Universal Human Values and Professional Ethics ”	Value education cell, AKTU Lucknow at KIET group of Institutions, Ghaziabad	14 th June to 21 st June 2018
18	One week Faculty Development Programme on “ Cryptography & Algebraic Coding Theory ”	Dr A.P.J. Abdul Kalam Technical University, Lucknow at Indraprastha Engineering College, Ghaziabad	14 th March 2017 to 18 th March 2017.
19	One week STTP on “ Operations Research ”	NITTTR, Chandigarh	28 th to 1 st April 2016.
20	One week STTP on “ Sustainable Environmental Management ”	NITTTR, Chandigarh	14 th to 18 th March 2016
21	Two days workshop on “ General Relativity Centennial ”	Centre for Theoretical Physics, Jamia Milia Islamia, New Delhi	10 th to 12 th December 2015
22	Two week ISTE Short term training program on “ Environmental Studies ”	Indian Institute of Technology Bombay	2 nd to 12 th June 2015

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	One day International webinar on the topic	JSSATEN	17 September	Member

	“Introduction to MATLAB”		2021	
2	One day National webinar on the topic “The Universe and Mathematical Modelling”	JSSATEN	11 June 2020	Member
3	Short Term Course on Operations Research through ICT	NITTTR	28-03-2016 to 01-04-2016	Member

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

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

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Multivariable Calculus (8 Weeks),	NPTEL	April 2019	67%
2	Transform Calculus and its application in Differential Equation (12 Weeks)	NPTEL	April 2020	93%

10. Membership of Professional Bodies: NIL

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

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