



### **FACULTY PROFILE**

#### **1. Personal Details**

NAME	Dr. Anushri Verma
DEPARTMENT	Mathematics
DESIGNATION	ASSISTANT PROFESSOR
PHONE	8447747825
EMAIL ID	<a href="mailto:anushriverma@jssaten.ac.in">anushriverma@jssaten.ac.in</a>
Date of Joining (JSSATEN)	21-07-2007



#### **2. Experience**

Total Experience in Years: 18	Teaching: 18	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: 02

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</b> No. 35/2023 <b>Application No.</b> 202311052783 A <b>Publication Date:</b> 01-09-2023

2.	<b>Title:</b> Dual toner cartridge printer	<b>The Patent Office Journal</b> <b>No. 202501</b> <b>Application No. 407678-001</b> <b>Publication Date:</b> <b>31.05.2024</b>
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### iii. Consultancy: NIL

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
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### 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”	<b>Anushri Verma</b> , Dr Amrish Kumar Aggarwal	Mathematical Sciences and its Applications	vol. 1802, Issue 1, pp. 020001-1–020001-9, 2017	<b>Scopus</b>	<b>1.45</b>	American Institute of Physics
2	“Effect of Hall currents on thermal instability of dusty couple	<b>Anushri Verma</b> , Amrish Kumar Aggarwal	Archives of Thermodynamics	vol 37(3), pp. 3-18, 2016	<b>Scopus</b>	<b>0.67</b>	Polska Akademia Nauk

	stress fluid”						
3	“The effect of compressibility, rotation and magnetic field on thermal stability of Walters’ fluid permeated with suspended particles in porous medium”	<b>Anushri Verma</b> , Amrish Kumar Aggarwal	Thermal Science	vol. 18, Suppl. 2, pp. S539-S550, 2014	<b>Scopus</b>	<b>1.45</b>	Vinča Institute of Nuclear Sciences, Belgrade
4	“Effect of suspended particles, magnetic field and rotation on the thermal stability of a ferromagnetic fluid”	<b>Anushri Verma</b> , Amrish Kumar Aggarwal	International Journal of Applied Mechanics and Engineering	vol. 17 (4), pp. 1109-1122, 2012	<b>Scopus</b>	0.18	De Gruyter Poland
5	“Effect of rotation and magnetic field on thermal instability of a viscoelastic fluid permeated with suspended particles”	<b>Anushri Verma</b> , Amrish Kumar Aggarwal	WSEAS Transactions on Mathematics	vol. 9 (8), pp. 593-602, 2010	<b>Scopus</b>	0.65	WSEAS

## **ii. National Journals: NIL**

### 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 Rivlin Ericksen Fluid Permeated with Suspended Particles in Porous Medium	Anushri Verma	2 <sup>nd</sup> National Conference on Recent Trends in Mathematics with Applications	2020	-	-	IEEE
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 <sup>rd</sup> 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	Amrish Aggarwal, Anushri Verma	21 <sup>st</sup> International Conference of Forum of Interdisciplinary Mathematics and Computational	2012	-	-	-

	magnetic field		Techniques (IMSCT 2012 – FIM XXI), Punjab University, Chandigarh				
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#### iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Two week Refresher Course in Energy Materials and Technology	NITTTR, Chandigarh	30 <sup>th</sup> April to 13 <sup>th</sup> May 2024
2	Two week Refresher course on Nanoscience and instrumentation through ICT	NITTTR, Chandigarh	11 <sup>th</sup> - 22 <sup>nd</sup> Sep 2023
3	One week FDP on Presentation Skills for Effective Instruction Delivery	Education and Educational Management Department, NITTTR, Chandigarh	15th – 19th May 2023
4	One week FDP on Curriculum design and evaluation through ICT	NITTTR, Chandigarh	24th – 28th April 2023
5	Two week Refresher Course on “Nanoscience and Nanotechnology”	Applied Science Department, NITTTR, Chandigarh	13 <sup>th</sup> – 24 <sup>th</sup> June 2022
6	National Webinar on “Molecules to Devices: Organic Electronics - Photovoltaic and Sensors”	Department of Chemistry at JSS Academy of Technical Education, NOIDA	11th June 2022
7	National Webinar on “Nano and Bio-interfaces with Improved Functionality”	Department of Chemistry at JSS Academy of Technical Education, NOIDA	10th June 2022
8	One week FACULTY DEVELOPMENT PROGRAMME ON “Cyber Crime and Forensic Tools”	Information Management and Emerging Engineering Department, NITTTR	23rd - 27th May 2022

9	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 <sup>th</sup> August 2020
10	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
11	One Week Online International Faculty Development Program On “Mathematical Prototypes And Their Applications In Engineering And Science (Mpaes-2020)	Department of Engineering Mathematics and Humanities, SRKR Engineering College, Bhimavaram, Andhra Pradesh, India	27-07-2020 to 01-08-2020
12	National Webinar on “Hoe ego states and social transaction help communicate effectively	Department of English, JSS Academy of Technical Education, Noida	22nd July 2020
13	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
14	National Webinar on “Application of Fibrous Materials for Energy Storage”	Department Of Chemistry, JSS Academy of Technical Education, NOIDA	20th July 2020
15	ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON “EXPOSURE & REJUVENATION OF TECHNOLOGIES IN	Department of Electronics & Communication Engineering, Raj Kumar Goel	July 6, 2020 to July 10, 2020

	CHANGED ERA OF THE WORLD"	Institute of Technology, Ghaziabad, U.P. India	
16	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)
17	secured S+ grade in a ONE WEEK NATIONAL LEVEL <u>ONLINE 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
18	National <u>Webinar</u> on "Creating Virtual Learning Environment"	Department of Education, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab	5th June, 2020
19	<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
20	<u>Webinar</u> on "RESEARCH GRANT WRITING: AN ART"	SHUBHARTI UNIVERSITY, Meerut (UP).	25th May, 2020
21	Eight days faculty development program on " <b>Universal Human Values and Professional Ethics</b> "	Value education cell, AKTU Lucknow at KIET group of Institutions, Ghaziabad	14 <sup>th</sup> June to 21 <sup>st</sup> June 2018
22	One week Faculty Development Programme on " <b>Cryptography &amp; Algebraic Coding Theory</b> "	Dr A.P.J. Abdul Kalam Technical University, Lucknow at	14 <sup>th</sup> March 2017 to 18 <sup>th</sup> March 2017.

		Indraprastha Engineering College, Ghaziabad	
23	One week STTP on “ <b>Operations Research</b> ”	NITTTR, Chandigarh	28 <sup>th</sup> to 1 <sup>st</sup> April 2016.
24	One week STTP on “ <b>Sustainable Environmental Management</b> ”	NITTTR, Chandigarh	14 <sup>th</sup> to 18 <sup>th</sup> March 2016
25	Two days workshop on “ <b>General Relativity Centennial</b> ”	Centre for Theoretical Physics, Jamia Millia Islamia, New Delhi	10 <sup>th</sup> to 12 <sup>th</sup> December 2015
26	Two week ISTE Short term training program on “ <b>Environmental Studies</b> ”	Indian Institute of Technology Bombay	2 <sup>nd</sup> to 12 <sup>th</sup> 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 “Introduction to MATLAB”	JSSATEN	17 September 2021	Member
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****11. Any other information you will like to share about your professional experience : NIL**

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