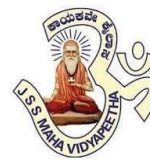





**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Noida**  
Department of Physics



**FACULTY PROFILE**

**1. Personal Details**

NAME	Dr. Nupur Gupta	
DEPARTMENT	Physics	
DESIGNATION	Assistant Professor	
PHONE	+91 7837203296	
EMAIL ID	<a href="mailto:nupur.gupta@jssaten.ac.in">nupur.gupta@jssaten.ac.in</a>	
Date of Joining (JSSATEN)	21-10-2024	

**2. Experience**

Total Experience in Years	Teaching: 5	Industry: - 00	Research: -4
---------------------------	-------------	----------------	--------------

**3. Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Sc.	B.Sc. Hons. School Physics	2013	Guru Nanak Dev University Amritsar, Punjab	Guru Nanak Dev University Amritsar, Punjab
M.Sc.	M.Sc. Hons. School Physics	2015	Guru Nanak Dev University Amritsar, Punjab	Guru Nanak Dev University Amritsar, Punjab
Ph.D.	Material Science (Oxide Glasses)	2020	Guru Nanak Dev University Amritsar, Punjab	Guru Nanak Dev University Amritsar, Punjab
Post Doc.	-	-	-	-

**4. Research & Publications**

Papers Published in Web of Science indexed Journals	International: 00	National: 00
Papers Published in SCOPUS indexed Journals	International: 05	National: 00

Papers Published in other Journals	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 03	National: 05
Books / Book chapters Published	<p>Name of the book: <b>“In Health Informatics and Technological Solutions for Coronavirus (COVID-19)”</b>  Chapter: Presumable Strategies to Combat the COVID-19 Deleterious Effects.  CRC Press,  Year of Publication: 2021</p> <p>Name of the Book: <b>“E-waste: Impact, Disposal &amp; Recycling”</b>  Chapter: <b>E-Waste in Indian Perspectives</b>  Authorspress  Year of Publication: 2024</p>	

## 5. Research Guidance

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

## 6. Grants

### i. Funds Received (Projects)

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

### ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
-	-	-

### iii. Consultancy

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

## 7. Awards Received

<b>Awards “Best Paper Award”</b>	<p><b>22-03-2018:</b> Best oral presentation award at 4th National Conference on Current Advances in Physical Sciences.</p> <p><b>09-05-2018:</b> Best poster presentation award at National conference on Recent Trends in Advanced Materials and Application.</p> <p><b>15-04-2023:</b> Best Teacher Award at Guru Nanak Dev University College, Pathankot during faculty felicitations hosted by Aay Pee Jay College of Engineering, Jalandhar.</p>
--	--

## 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	“Twist Grain Boundary phases in binary mixture of Liquid Crystals”	Manisha Chaudhry	World Scientific News,	Vol. 113 2018		-	Scientific Publishing House, DARWIN
2	“X-Ray Investigation of Twist Grain Boundary Phases in Binary mixture of Liquid Crystals”	Manisha Chaudhry & S.S. Bawa	International Journal of Engineering Technology, Management and Applied Sciences	Vol. 03, 2015			Research and Scientific Innovation Society
3	“Optical investigations of Twist Grain Boundary Phases exhibiting Cylindrical and cone-like domain textures. ”	Anjuli Khandelwal, Manisha Yadav, S. S. Bawa,	Molecular Crystal Liquid Crystal	Vol. 511 Issue-01 2009	Both	0.94	Taylor and Francis
4	“Twist Grain Boundary Phases Giving Developable Domain Textures as Those Exhibited by Columnar Phases.”	Anjuli Khandelwal, Manisha Yadav, S. S. Bawa	Molecular Crystal Liquid Crystal)	Vol. 489, 2008	Both	0.94	Taylor and Francis
5	“Non-linear	S.C. K. Misra,	Thin Solid Films	Vol. 514,	Both	2.18	Elsevier

	dielectric properties of vacuum deposited nanocrystalline polyaniline thin film"	Manisha Yadav, Prafull Mathur,		Issue-2 2006			
6	Preparation and characterization of a vacuum deposited semi conducting nanocrystalline polymeric thin film sensors for detection of HCl.,	S.C. K. Misra, Prafull Mathur, Manisha Yadav, M. K. Tiwari., Dr. S.C.Garg, P. Tripathi	Polymer	Vol. 45 2004	Both	4.43	Elsevier

## ii. National 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	Investigations of Twist Grain Boundary Phases in Chiral liquid Crystals,	Manisha Chaudhry	Advances in Physical Science Research,	Vol.10, 2017	-	-	The sapience
2	Dielectric studies of Twist Grain Boundary Phases in Liquid Crystal,	Manisha Chaudhry, S.S.Bawa, &Anjuli Khandelwal	Advances in Physical Science Research,	Vol.1, 2013.	-	-	The sapience

## iii. Conferences

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

				<b>Issue No. Year</b>			
1	Thermo-optical studies of TGB Phases in Binary Mixture of Liquid Crystals	Manisha Chaudhry and Shaweta Khanna,	International Conference on Intelligent Control and Computation for Smart Energy and Mechatronic Systems, ICCSEMS-2020, JSSATE, Noida	Sept 25 <sup>th</sup> -26 <sup>th</sup> , 2020			
2	Investigation of TGB phases in binary mixture of Cholesteric Liquid Crystal,	Manisha Chaudhry	International conference on Computing, Communication and Cyber-security, 2019, Chandigarh.	Oct 12 <sup>th</sup> -13 <sup>th</sup> , 2019			Springer
3	Twist Grain Boundary phases in binary mixture of Liquid Crystals	Manisha Chaudhry	2 <sup>nd</sup> International Conference on Frontiers of Science & Technology	July 21 <sup>st</sup> - 22 <sup>nd</sup> , 2018			
4	Optical and Thermo-dynamical properties of Twist Grain boundary phases in Liquid Crystals	Manisha Chaudhry&S.S.Bawa	International Conference on Recent Trends in Materials and Devices CRTMD	Dec 15 <sup>th</sup> – 17 <sup>th</sup> , 2015			Springer
5	X-Ray Investigation of Twist Grain Boundary Phases in Binary mixture of Liquid Crystals	Manisha Chaudhry&S.S.Bawa,	International Conference on Recent Development in Engineering Science and Management	May 17 <sup>th</sup> 2015.			Academic Science

6	Dielectric studies of Twist Grain Boundary Phases,	Manisha Chaudhry, Anjuli Khandelwal & S. S. Bawa	16th National Conference on Liquid Crystals at Lucknow.	Oct 26th-28th, 2009.			
7	Goldstone Mode behavior in Twist Grain Boundary phases,	Anjuli Khandelwal, Manisha Chaudhry, S. S. Bawa	Gordon Conference on Liquid Crystals, Colby Sawyer College, New London, New Hampshire (USA),	June 10 <sup>th</sup> – 15 <sup>th</sup> , 2007.			
8	Experimental study of Twist Grain Boundary phases: the liquid crystal analog of the Abrikosov phases”,	Anjuli Khandelwal, Manisha Chaudhry, S. S. Bawa	International Conference on Liquid Crystals ICLC06 University of Mumbai, Mumbai	Dec. 5 <sup>th</sup> – 8 <sup>th</sup> , 2006,			
9	Dielectric studies of the soft mode and goldstone mode in Twist Grain boundary phases’ (oral) at	Anjuli Khandelwal, Manisha Yadav & S. S. Bawa	12th National conference on liquid crystals at Assam University, Silchar, Assam.	Dec 19th-21st, 2005,			
10	Twist Grain Boundary Phase of Hexatics in Liquid Crystals”,	Anjuli Khandelwal, Manisha Chaudhry, S. S. Bawa	11 <sup>th</sup> International Topical Meeting on the Optics of Liquid Crystals, In Florida, U.S.A,	Oct 2 <sup>nd</sup> -7 <sup>th</sup> , 2005			
11	Calculation of new refraction parameter of some pure and mixtures of liquid	Anjuli Khandelwal, Manisha Yadav & S. S. Bawa	Twentieth International Liquid Crystal Conference, In Ljubljana, Slovenia,	July 4 <sup>th</sup> -9 <sup>th</sup> , 2004			

crystals						
----------	--	--	--	--	--	--

**iv. Workshops /Conferences Attended**

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	FDP on Machine Learning & It's Application	IIT Roorkee	05-05-2020 to 14-05-2020
2.	FDP on Entrepreneurship Development	Indraprastha Engineering College, Ghaziabad.	07-01-2020 to 20-01-2019

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

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
-	-	-	-	-

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

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	Wind Energy (Coursera)	Technical University of Denmark	7/10/2020	92 %
2	Fundamental of Electronic Material and Devices (NPTEL)	IIT Madras	April 2020	75 %

**10. Membership of Professional Bodies:**

--

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

-