


## STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF UNIVERSITY WEBSITE

Title	Dr.	First Name	Shruti	Last Name	Peshoria	
Designation		Assistant Professor				
School/Dept.Name		Centre of Excellence in Pharmaceutical Sciences (CEPS)				
Address:		Centre of Excellence in Pharmaceutical Sciences, GGSIIndraprastha University, Sec-16 C, Dwarka, New Delhi-110078				
PhoneNo.	Office	01125302446				
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	Mobile	9891948454				
Email	1.shrutipeshoria@gmail.com			2.-		
WebPage(ifany)	<a href="https://orcid.org/0000-0001-6843-2385">https://orcid.org/0000-0001-6843-2385</a> <a href="https://publons.com/researcher/3429864/shruti-peshoria/publications/">https://publons.com/researcher/3429864/shruti-peshoria/publications/</a>					
SubjectsTaught	<ul style="list-style-type: none"> <li>• Organic Chemistry</li> </ul>					
AreasofInterest/ Specialization	<ul style="list-style-type: none"> <li>• Fluorosurfactants</li> <li>• Organic synthesis</li> <li>• Synthesis of composites/nanocomposites</li> <li>• Porphyrin</li> <li>• Conducting polymers</li> <li>• Electrochemical sensing</li> </ul>					
Experience(inyears)	Total	7y 10m				
	Industry	-				
	Teaching	1y 11m				
	Research	5y 11m				
EducationalQualifications	UG	B.Sc. (Hons)Chemistry, University of Delhi, Hindu College, 2007				
	PG	M.Sc.Chemistry, University of Delhi, Hindu College, 2009				
	Doctorate	Ph.D.Chemistry, Guru Gobind Singh IndraprasthaUniversity, Delhi, 2018				
	Anyother -	CSIR-NET Qualified GATE Qualified				

Research Publications  
in Journals  
(last 5 years)

- Study and explanation about the morphological, electrochemical and structural properties of differently synthesized polypyrrole, *Shruti Peshoria*, Anudeep Kumar Narula, *J. Mater. Sci.: Mater. Electron.* 28 (2017) 18348-18356. <https://doi.org/10.1007/s10854-017-7781-x>. (I.F.- 2.779, ISSN: 0957-4522, Indexed in SCOPUS, Science Citation Index Expanded, UGC-CARE List)
- Structural, morphological and electrochemical properties of a polypyrrole nanohybrid produced by template-assisted fabrication, *Shruti Peshoria*, Anudeep Kumar Narula, *J. Mater. Sci.* 53 (2018) 3876-3888. <https://doi.org/10.1007/s10853-017-1769-z>. (I.F.- 4.682, ISSN: 0022-2461, Indexed in SCOPUS, Science Citation Index Expanded, UGC-CARE List)
- One-pot synthesis of porphyrin@polypyrrole hybrid and its application as an electrochemical sensor, *Shruti Peshoria*, Anudeep Kumar Narula, *Mater. Sci. Eng. B* 229 (2018) 53-58. <https://doi.org/10.1016/j.mseb.2017.12.023>. (I.F.- 3.407, ISSN: 0921-5107, Indexed in SCOPUS, Science Citation Index Expanded, UGC-CARE List)
- In-situ preparation and properties of gold nanoparticles embedded polypyrrole composite, *Shruti Peshoria*, Anudeep Kumar Narula, *Colloids Surf. A: Physicochem. Eng. Aspects* 555 (2018) 217-226. <https://doi.org/10.1016/j.colsurfa.2018.06.069>. (I.F.- 5.518, ISSN: 0927-7757, Indexed in SCOPUS, Science Citation Index Expanded, UGC-CARE List)
- Bare indium tin oxide electrode for electrochemical sensing of toxic metal ion, *Shruti Peshoria*, Anudeep Kumar Narula, *J. Mater. Sci.: Mater. Electron.* 29 (2018) 13858-13863. <https://doi.org/10.1007/s10854-018-9517-y>. (I.F.- 2.779, ISSN: 0957-4522, Indexed in SCOPUS, Science Citation Index Expanded, UGC-CARE List)
- Short-chain and long-chain fluorosurfactants in firefighting foam: a review, *Shruti Peshoria*, Durgesh Nandini, R. K. Tanwar and Rajiv Narang, *Environ. Chem. Lett.* 18, (2020) 1277-1300. <https://doi.org/10.1007/s10311-020-01015-8>. (I.F.- 13.615, ISSN: 1610-3653, Indexed in SCOPUS, Science Citation Index Expanded, UGC-CARE List)

	<ul style="list-style-type: none"> <li>Study of ARIMA and least square support vector machine (LS-SVM) models for the prediction of SARS-CoV-2 confirmed cases in the most affected countries, Sarbjit Singh, Kulwinder Singh Parmar, Sidhu Jitendra Singh Makkhan, Jatinder Kaur, <b>Shruti Peshoria</b> and Jatinder Kumar, <i>Chaos Solitons Fractals</i>. 139 (2020) 110086. <a href="https://doi.org/10.1016/j.chaos.2020.110086">https://doi.org/10.1016/j.chaos.2020.110086</a>. (I.F.- 9.922, ISSN: 0960-0779, Indexed in SCOPUS, Science Citation Index Expanded, UGC-CARE List)</li> </ul>		
Papers Published in Conference Proceedings (last 5 years)	Abstracts-5		
Books Authored/ Book Volume Chapters	<ul style="list-style-type: none"> <li><b>Shruti Peshoria</b> and Durgesh Nandini, Understanding Aqueous Film-forming Foam Components, in <i>Perfluoroalkyl Substances</i>, ed. Bruno Ameduri, RSC, London, 2022 (ISBN No.: 978-1-83916-760-7).</li> <li>Sushila Singhal and <b>Shruti Peshoria</b>, Gelation of DNA Base, Silicon and Polyvinylpyrrolidone, LAP Lambert Academic Publishing, Germany, 2013 (ISSN/ISBN No.: 978-3-659-39639-7).</li> </ul>		
No. of Conferences	National	Attended	Organized
		<b>One</b>	
	International	<b>Seven</b>	
Research Guidance	Awarded	PG	M.Phil
		<b>Three</b>	-
	Undergoing	<b>Three</b>	-
Research Projects	Completed	-	
	Undergoing	-	
Awards & Distinctions			
Administrative Assignments Handled	Conducted the Value-Added course/Invited lectures/workshops Examination Duties		
Association with Professional Bodies			
Any other Achievements			