


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

Title	Dr.	First Name	Preeti	Last Name	Sehgal	
Designation		Assistant Professor				
School/Dept.Name		CEPS				
Address:		Plot no. 102, SF Jaipuria Enclave, Kaushambi, Ghaziabad 201010				
PhoneNo.	Office					
	Residence	(optional)				
	Mobile	(optional) 9999486266				
Email	1. preeti1sehgal@gmail.com			2.		
WebPage(if any)						
Subjects Taught	<ul style="list-style-type: none"> <li>• Foundation course in Inorganic Chemistry, Conformational chemistry</li> </ul>					
Areas of Interest/ Specialization	<ul style="list-style-type: none"> <li>• Biosensors, Bioimaging, Photovoltaic cells,</li> </ul>					
Experience(in years)	Total	06 years				
	Industry	Nil				
	Teaching	2.5				
	Research	2.5				
Educational Qualifications	UG	B.SC – Holkar Science College, Indore (M.P.)				
	PG	M.sc (Organic chemistry)- Holkar Science College, Indore (M.P.)				
	Doctorate	Ph.D- Guru Gobind Singh Indraprastha University, Dwarka				
	Any other – Diploma in IPR	M.Phil- University of Delhi				
Research Publications in Journals (last 5 years)	<ol style="list-style-type: none"> <li>1. Improved optical, electrochemical, and photovoltaic properties of dye sensitized solar cells composed of rare earth doped Zinc oxide, , Preeti Sehgal, Anudeep kumar Narula, J Mater Sci: Mater Electron (2021) 32: 16612-16622.</li> <li>2. Metal substituted metalloporphyrins as efficient photosensitizers for enhanced solar energy conversion, Preeti Sehgal, Anudeep kumar Narula, Journal of Photochemistry and Photobiology A: Chemistry,</li> </ol>					

	375 (2019) 91-99.		
	3. Enhanced performance of porphyrin sensitized solar cell based on graphene quantum dots decorated photoanodes, Preeti Sehgal, Anudeep kumar Narula , Optical Materials,79 (2018) 435-445.		
PapersPublishedinConferenceProceedings(last5years)	NIL		
BooksAuthored/BookVolumeChapters	1. Luminescent lanthanide sensors and lanthanide doped upconversion nanoparticles: current status and future expectataions, Garima Sharma, Preeti Sehgal, Anudeep kumar Narula, Book Chapter in Reviews in Fluorescence 2015 ( DOI 10.1007/978-3-319-24609-3).		
No.ofConferences	National	Attended	
			Organized
	International		
ResearchGuidance	Awarded	PG	M.Phil
			Doctorate
	Undergoing	03	
ResearchProjects	Completed	-	
	Undergoing	-	
Awards&Distinctions	-		
AdministrativeAssignmentsHandled	-		
AssociationwithProfessionalBodies	-		
AnyotherAchievements	-		