STANDARDTEMPLATEOFFACULTYPROFILEFORUPLOADINGOFUNIVERSITYWEBSITE

Title	**Dr.**	First Name	**Deepa**	LastName	**Deswal**	
Designation	Assistant Professor					
School/Dept.Name	Centre of Excellence in Pharmaceutical Sciences (CEPS)					
Address:						
PhoneNo.	Office	011-25302446				
	Residence	(optional)				
	Mobile	(optional)				
Email	deepa.deswal@ipu.ac.in					
WebPage(ifany)						
SubjectsTaught	Biochemistry and Microbiology					
AreasofInterest/ Specialization	• Mycology • Fungal enzyme system • Antifungal drug development • Structure activity relationship elucidation • Combination therapy • Biochemical mechanism of drug action					
Experience(inyears)	Total	Nine				
	Industry	--				
	Teaching	Four				
	Research	Five				
Educational Qualifications	UG	B.Sc. (University of Lucknow)				
	PG	M.Sc. (Biochemistry, University of Lucknow)				
	Doctorate	PhD (Microbiology, University of Delhi South campus)				
	Anyother – Diploma in IPR					
ResearchPublications inJournals (last5years)	1. Kumar, D., Narula, A.K., **Deswal, D.,** 2023. Role of fungal enzymes in the synthesis of pharmaceutically important scaffolds: a green approach. Green Chemistry 25(23), 9463-9500. 2. Shukla, P., **Deswal, D**., Narula, A.K., 2023. Antifungal activity of novel azetidine tethered chitosan synthesized via multicomponent reaction approach. Journal of Medical Mycology 33(3)1-6.					

<table>
<tr><td></td><td colspan="4">3. Singh, P., Shukla, P., Narula, A.K., Deswal, D., 2023. Polysaccharides and lipoproteins as reactants for the synthesis of pharmaceutically important scaffolds: A review. International Journal of Biological macromolecules 242,124884.

4. Shukla, P., Deswal., D., Narula, A.K., 2022. Monomeric silics supported interaction of TOSMIC with highly functionalized imines: A green approach to azetidines via ABB-type cycloaddition reaction.

5. Shukla, P., Deswal, D., Pandit, M., Latha, N., Mahajan, D., Srivastava, T., Narula, A.K., 2022. Exploration of novel TOSMIC tethered imidazo[1,2-a]pyridine compounds for the development of potential antifungal drug candidate. Drug Development Research 83 (2), 525-543.

6. Deswal, D., Shukla, P., Azad, C.S., Narula, A.K., 2020. Carbohydrate hitched imidazoles as agents for the disruption of fungal cell membrane. Journal de Mycologie Médicale 30(1), 100910.

7. Shukla, P., Deswal, D., Azad, C.S., Narula, A.K., 2019. Novel nucleosides as potential inhibitors of fungal lanosterol 14α-demethylase: An in vitro and in silico study. Future Medicinal Chemistry 11(20), 2663-2686.</td></tr>
<tr><td>PapersPublishedinConferenceProceedings(last 5years)</td><td colspan="4"></td></tr>
<tr><td>BooksAuthored/ BookVolumeChapters</td><td colspan="4">8. Gupta, R., Mehta, G., Deswal, D., Sharma, S., Jain, K. K., Devi, N., Khasa, Y. P., Kuhad, R. C., (2012). Cellulases and their biotechnological applications. In: Biotechnology of Environmental Management and Resource Recovery. (Editors) Kuhad, R. C. and Singh, A. Springer Verlag, Germany.</td></tr>
<tr><td rowspan="3">No.ofConferences</td><td rowspan="2">National</td><td colspan="2">Attended</td><td>Organized</td></tr>
<tr><td colspan="2"></td><td>Two</td></tr>
<tr><td>International</td><td colspan="2">Ten</td><td>Two</td></tr>
<tr><td rowspan="3">ResearchGuidance</td><td rowspan="2">Awarded</td><td>PG</td><td>M.Phil</td><td>Doctorate</td></tr>
<tr><td>27</td><td></td><td></td></tr>
<tr><td>Undergoing</td><td>6</td><td></td><td></td></tr>
<tr><td rowspan="2">ResearchProjects</td><td>Completed</td><td colspan="3"></td></tr>
<tr><td>Undergoing</td><td colspan="3"></td></tr>
<tr><td>Awards&Distinctions</td><td colspan="4"></td></tr>
</table>

AdministrativeAssignmentsHandled	
AssociationwithProfessionalBodies	
AnyotherAchievements	