STANDARDTEMPLATEOFFACULTYPROFILEFORUPLOADINGOFUNIVERSITYWEBSITE

Title	**Dr.**	First Name	**Deepa**	LastName	**Deswal**
Designation		Assistant Professor			
School/Dept.Name		Centre of Excellence in Pharmaceutical Sciences			
Address:		Centre of Excellence in Pharmaceutical Sciences (CEPS), Guru Gobind Singh Indraprastha University, Sector 16C, Dwarka, New Delhi			

PhoneNo.	Office	
	Residence	(optional)
	Mobile	(optional)98731-30253
Email	1.deepadeswalceps@gmail.com	2.
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	Eight
	Industry	--
	Teaching	Three
	Research	Five
EducationalQualifications	UG	B.Sc.
	PG	M.Sc. (Biochemistry)
	Doctorate	PhD (Microbiology)
	Anyother –	

<table>
<tr><td>ResearchPublications inJournals (last5years)</td><td colspan="4">Shukla, P., Deswal, D., Pandit, M., Latha, N., Mahajan, D., Srivastava, T., Narula, A.K., 2021. Exploration of novel TOSMIC tethered imidazo[1,2-a]pyridine compounds for the development of potential antifungal drug candidate. Drug Development Research 1-19.
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.
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.
Nainwal, L., Azad, C.S., Deswal, D., Narula, A.K., 2018. Exploration of antifungal potential of carbohydrate tethered triazoles as CYP450 inhibitors. Carbohydrate Polymers 3(38), 10762-67.
Jain, K.K., Kumar, S., Deswal, D., Kuhad, R.C., 2017. Improved production of thermostable cellulase from Thermoascus aurantiacus RCKK by fermentation bioprocessing and its application in the hydrolysis of office waste paper, algal pulp, and biologically treated wheat straw. Applied Biochemistry and Biotechnology 181, 784-800.</td></tr>
<tr><td>PapersPublishedinConferenceProceedings(last5years)</td><td colspan="4"></td></tr>
<tr><td>BooksAuthored/ BookVolumeChapters</td><td colspan="4"><ol start="6">
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">Eight</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></td><td></td><td></td></tr>
<tr><td>Undergoing</td><td></td><td></td><td></td></tr>
<tr><td>ResearchProjects</td><td>Completed</td><td colspan="3"></td></tr>
</table>

	Undergoing	
Awards&Distinctions	• Awarded "Best Oral Presentation" at 60th Annual Conference of Association of Microbiologist of India, 15th -18th November, 2019, while working at CEPS, GGSIPU. • Awarded "Young Scientist Award" for the year 2016 by the Association of Microbiologist of India (2016). • Qualified Council of Scientific and Industrial Research National Eligibility Test (CSIR-NET) in life Sciences, December, 2006 and June 2006.	
AdministrativeAssignmentsHandled		
AssociationwithProfessionalBodies	• Life time member of "Association of Microbiology of India". • Annual member of "American Society of Microbiologists" for the year 2012 - 2013.	
AnyotherAchievements		