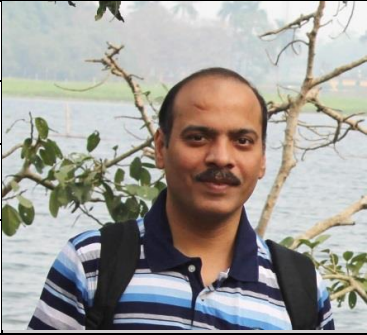


## FACULTY PROFILE : Dr Gaurav Pandey

<b>Title</b>	Dr	<b>First Name</b>	Gaurav	<b>Last Name</b>	Pandey	
<b>Designation</b>	Associate Professor					
<b>School /Dept. Name</b>	University School of Biotechnology					
<b>Address:</b>	AFR 209, Guru Gobind Singh Indraprastha University Sector 16 C Dwarka, New Delhi					
<b>Phone No.</b>	<b>Office</b>	+91-(11)-2530-2307				
	Residence	(optional)				
	Mobile	(optional)				
<b>Email</b>	1. gpandey@ipu.ac.in			2.		
Web Page (if any)						
<b>Subjects Taught</b>	Unit Operation and Plant design ,Metabolic Engineering, Systems and Synthetic Biology, Industrial biotechnology, Bioprocess Engineering, Bioprocess Control Engineering, Research Methodology, Biochemical Engineering					
<b>Areas of Interest/ Specialization</b>	Recombinant protein expression, Product development, Vaccines & Bio-therapeutics, Bioprocess engineering, Metabolic engineering, Process development and scale-up					
<b>Experience (in years)</b>	<b>Total</b>	20				
	<b>Industry</b>	11				
	<b>Teaching</b>	5				
	<b>Research</b>	20				
<b>Educational Qualifications</b>	UG	University Of Delhi				
	PG	Jawaharlal Nehru University				
	Doctorate	Jawaharlal Nehru University				
	Any other					
<b>Research Publications in Journals</b> (last 5 years)	<ol style="list-style-type: none"> <li>1. Malaria vaccine candidate based on Duffy-binding protein elicits strain transcending functional antibodies in a Phase I trial npj Vaccines (2018) 3 (1)1-10</li> <li>2. Production of recombinant PvDBPII, receptor binding domain of Plasmodium vivax Duffy binding protein, and evaluation of immunogenicity to identify an adjuvant formulation for clinical development. Protein Expr Purif. (2017) Aug;136:52-57. doi:</li> </ol>					

	10.1016/j.pep.2015.06.011			
<b>Papers Published in Conference Proceedings (last 5 years)</b>	<ol style="list-style-type: none"> <li>1. "Production of engineered cysteine Staphylococcal protein A(SPA): Comparison of intracellular and extracellular expression approaches" authored by Lipsa Choudhury, Esha Shukla,Aashima Sharma and Gaurav Pandey in the International Conference on Biotechnology for Sustainable Agriculture, Environment and Health, jointly organized by MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR and THE BIOTECH RESEARCH SOCIETY, INDIA at Jaipur, India during April 04-08, 2021.</li> <li>2. "Recombinant expression of Catestatin, a potential peptide for the treatment of Inflammatory diseases" authored by Esha Shukla, Lipsa Choudhury, Aakash Sharma and Gaurav Pandey in the International Conference on Biotechnology for Sustainable Agriculture, Environment and Health, jointly organized by MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR and THE BIOTECH RESEARCH SOCIETY, INDIA at Jaipur, India during April 04-08, 2021.</li> <li>3. "Media dependent extracellular secretion of native Staphylococcal protein A (nSpA) and its protein engineering for enhanced secretion" authored by Lipsa Choudhury, Gaurav Pandey in the International Conference on Biotechnology for Resource Efficiency, Energy, Environment, Chemicals and Health, jointly organized by CSIR-Indian Institute of Petroleum, Dehradun and The Biotech Research Society, India at Dehradun, India during December 01-04, 2021.</li> <li>4. "Expression of human glucagon-like peptide-1 (GLP-1) as soluble recombinant peptide in E. coli "authored by Sushmita, Gaurav Pandey in the International Conference on Biotechnology for Resource Efficiency, Energy, Environment, Chemicals and Health, jointly organized by CSIR-Indian Institute of Petroleum, Dehradun and The Biotech Research Society, India at Dehradun, India during December 01-04, 2021.</li> </ol>			
Books Authored/Book Volume Chapters				
No. of Conferences	National	Attended		Organized
	International			
<b>Research Guidance</b>	Awarded	PG	M. Phil	Doctorate
		1		
	Undergoing	1		5
<b>Research Projects</b>	Completed	7		
	Undergoing	2		
<b>Awards &amp; Distinctions</b>				

<b>Administrative Assignments Handled</b>	Few Important assignment handled includes: 1) Member Secretary for Institutional Biosafety committee (IBSC), GGS Indraprastha University 2) Member, university Library Committee 3) Coordinator, Bio waste management GGS Indraprastha university 4) Expert project monitoring committee for Global Chikungunya Vaccine Clinical Development Program (GCCDP)" under Mission Ind-CEPI 5) Expert, project monitoring committee for vaccine manufacturing under Mission Covid Suraksha
<b>Association with Professional Bodies</b>	Life time member of The Biotech Research Society India (BRSI)
Any other Achievements	