

Faculty Profile

Faculty Name	Dr. Monu Kalra
Designation	Assistant Professor
Qualification	Ph.D, M.Sc., B.Sc.
Email	monu.applied@piet.co.in
Area of Interest	Biotechnology, Biochemistry
Work Experience (Total)	4
• Teaching	4
• Research	-
• Industry	-
• Others	-
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Biology
Membership of Professional Bodies	-
Research Publications	
• Research Papers UGC-CARE	
• Research Papers SCOPUS	
• Research Papers WoS/SCI/ABDC	
• List of Publications	<ul style="list-style-type: none"> • Monu Batra, Rajesh Sharma, Vemika Chandra, Megha Aggarwal, Uday Agarwal, Pawan Gupta, Rajesh Pratap Singh and Shailly Tomar. In silico and proteomic analysis of protein methyltransferase CheR from <i>Bacillus subtilis</i>. Int. J. Biol. Macromol. (2015). 77, 168-80. • Monu Batra, Rajesh Sharma, Anjali Malik, Sonali Dhindwal, Pravindra Kumar and Shailly Tomar. Crystal structure of pentapeptide-independent chemotaxis receptor methyltransferase reveals idiosyncratic structural determinants for receptor recognition. <i>J. Struct. Biol.</i> (2016). (doi: 10.1016/j.jsb.2016.08.005.)

Book and Chapter Publications	
• Books Authored published by International Publishers	-
• Books Authored published by National Publishers	-
• Publication of Chapter in Edited Books	-
• Editor of Book by International Publishers	-
• Editor of Book by National Publishers	
• Translation Work of Book	-
• List of Book and Chapter Publications	-
Patents	
• Published	-
• List of published patent(s)	
• Filed	-
• List of filed patent(s)	-
PhD Guidance	
• Degree Awarded	-
• Thesis Submitted	-
M.Tech. Guidance	
• Degree Awarded	-
• Thesis Submitted	-
Research Project	
• List of Research project	-
Consultancy	
• List of Consultancy	
Awards & Honours	
• List of Awards & Honours	
Invited lectures / Resource Person/ paper	• Guest speaker in a virtual symposium on 'Photonics: State of the Art'

<p>presentation in Seminars/ Conferences/full paper in Conference</p>	<p>organized by the the Department of Applied Science and Humanites, Panipat institute of Engineering and Technology, Panipat (May 2020).</p>
<ul style="list-style-type: none"> • International (Abroad) 	
<ul style="list-style-type: none"> • International (Within Country) 	<ul style="list-style-type: none"> • Monu Batra, Rajesh Sharma, Sonali Dhindwal, Pravindra Kumar, Rajesh Pratap Singh and Shailly Tomar. Structural characterization of chemotactic protein methyltransferase from Gram-positive bacteria. INDO US CONFERENCE on Recent Advances in Structure Biology & Drug Discovery held at Department of Biotechnology, IIT Roorkee, October 9-11Oct, 2014
<ul style="list-style-type: none"> • National 	<ul style="list-style-type: none"> • Monu, Megha, Rajesh, Sonali, Rajesh P. Singh, Pravindra Kumar and Shailly Tomar. Structural studies of two–component signaling system: a putative antibacterial drug target. 42nd National Seminar On Crystallography and International workshop on application of X-ray diffraction for drug discovery held at Jawahar Lal Nehru University, New Delhi, November 21-23, 2013
<ul style="list-style-type: none"> • List of published papers 	
<p>Organizing National Conference/ International Conference/ FDP/STTP</p>	
<ul style="list-style-type: none"> • List of Conference/FDP/STTP committee 	-
<p>Social Contributions and Sports</p>	
<ul style="list-style-type: none"> • List of Social Contributions and Sports 	