


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

Title	Dr.	First Name	ASHISH	Last Name	JOSHI	
Designation		ASSISTANT PROFESSOR				
School /Dept. Name		UNIVERSITY SCHOOL OF AUTOMATION AND ROBOTICS				
Address:		A-511, 5 <sup>th</sup> Floor, A Block, GGSIPU East Delhi Campus, Surajmal Vihar, Delhi - 110032				
Phone No.		Office				
		Residence	(optional)			
		Mobile	9654869700			
Email		1. ashish.j@ipu.ac.in		2.		
Web Page (if any)						
Subjects Taught		<ul style="list-style-type: none"> <li>• Computer Networks, Cryptography, Programming and Machine Learning</li> </ul>				
Areas of Interest/ Specialization		<ul style="list-style-type: none"> <li>• Cyber Security, Wireless Networks and Machine Learning</li> </ul>				
Experience (in years)		Total	10			
		Industry	2.5			
		Teaching	7.5			
		Research	--			
Educational Qualifications		UG	B.TECH. (COMPUTER SCIENCE ENGINEERING)			
		PG	M.TECH. (INFORMATION SECURITY)			
		Doctorate	PH.D. (INFORMATION TECHNOLOGY)			
		Any other – Diploma in IPR				
Research Publications in Journals (last 5 years)		<p>Ashish Joshi and Amar Kumar Mohapatra. A novel lightweight authentication protocol for body area networks based on elliptic-curve cryptography, Journal of Information and Optimization Sciences, 41(7):1645–1672, 2020.</p> <p>Ashish Joshi and Amar Kumar Mohapatra. Authentication protocols for wireless body area network with key management approach, Journal of Discrete Mathematical Sciences and Cryptography, 22(2):219–240, 2019.</p>				

	<p>Ashish Joshi and AK Mohapatra. Security analysis of wireless authentication protocols, International Journal of Sensors, Wireless Communications and Control, 9(1), 2018.</p> <p>Smriti Srivastava, Vishal Kalra, Ashish Joshi, et al. Palmprint recognition using novel oriented Gabor gradients. Journal of Intelligent &amp; Fuzzy Systems, 35(5):5345–5351, 2018.</p> <p>Manas Gaur, Ashish Joshi, and Sarita Yadav. Framework for SLEPS: Self learning electoral results prediction system, Journal of Statistics and Management Systems, 22(2):379–391,2019.</p> <p>Abhishek Rawat, Kartik Sehgal, Amartya Tiwari, Abhishek Sharma, and Ashish Joshi. A novel accelerated implementation of RSA using parallel processing, Journal of Discrete Mathematical Sciences and Cryptography, 22(2):309–322, 2019.</p> <p>Rashmi Singh, Ashish Joshi, AK Mohapatra, and VN Jha. An efficient implementation of revocable functionality in authentication protocol for wireless body area network, Journal of Information and Optimization Sciences, 42(2):321–331, 2021.2/3</p> <p>Simran Kashyap and Ashish Joshi. Improving preparedness in epidemic healthcare using data science, International Journal on Future Revolution in Computer Science &amp; Communication Engineering (IJFRSCE), 5(1):66–69, 2019.</p>			
<p>Papers Published in Conference Proceedings(last 5 years)</p>	<p>Ashish Joshi and Amar Kumar Mohapatra. Efficient authentication protocol for heterogeneous wireless networks. Communications in Computer and Information Science book series (CCIS, volume 1170), pages 135–146. Springer, 2020.</p> <p>Ashish Joshi and Amar Kumar Mohapatra. Device level authentication protocol for wireless body area networks. Lecture Notes in Networks and Systems book series (LNNS, volume 167) pages 145–157. Springer Singapore, 2020.</p>			
<p>Books Authored/ BookVolume Chapters</p>	<ul style="list-style-type: none"> <li>N/A</li> </ul>			
<p>No. of Conferences</p>	<p>National</p>	<p>Attended</p>		<p>Organized</p>
		<p>--</p>		<p>--</p>
	<p>International</p>	<p>03</p>		<p>02</p>
<p>Research Guidance</p>	<p>Awarded</p>	<p>PG</p>	<p>M. Phil</p>	<p>Doctorate</p>
		<p>03</p>	<p>--</p>	<p>--</p>
	<p>Undergoing</p>	<p>--</p>	<p>--</p>	<p>--</p>

Research Projects	Completed	NA
	Undergoing	NA
Awards & Distinctions	NA	
Administrative Assignments Handled	NSS Program Officer (USAR) and Warden, Boys Hostel, GGSIPU EDC	
Association with Professional Bodies	NA	
Any other Achievements	--	