STANDARD TEMPLATE OF FACULTY PROFILE FOR UPLOADING OF UNIVERSITY WEBSITE

Title	Dr.	First Name	Amar	Last Name	Arora	
Designation		Assistant Professor				
School /Dept. Name		University School of Automation & Robotics				
Address:		Room No: A-509, University School of Automation & Robotics, Guru Gobind Singh Indraprastha University, East Delhi Campus, Surajmal Vihar, Delhi-110092				
Phone No.		Office				
		Residence	(optional)			
		Mobile	09013289116			
Email		1. amar.usar@ipu.ac.in		2. amararora13@gmail.com		
Web Page (if any)						
Subjects Taught		• Software Engineering • Operating Systems • OOPS using JAVA • C programming • Python Programming • Data structures • DBMS				
Areas of Interest/ Specialization		• Software architecture, design and development • Data Warehouse Security • Web Development • API development and Integrated Dashboard Design and Development • Cloud Management and Maintenance				
Experience (in years)		Total	15.5 years			
		Industry	8.5 years			
		Teaching	07 years			
		Research	00			
Educational Qualifications		UG	B.Tech(Computer Science and Engineering) form UPTU, Lucknow			
		PG	M.Tech(Computer Science and Engineering) form NIT, Jalandhar			
		Doctorate	Ph.D (Computer Science and Engineering) form USICT, GGSIPU			
		Any other – Diploma in IPR				

<table>
<tr><td>Research Publications in Journals
(last 5 years)</td><td colspan="4">Refereed International Journals

1. Arora and A. Gosain, “Intrusion detection system for data warehouse with second level authentication”, International Journal of Information Technology, Springer Nature, vol. 13, pp. 877–887, April 2021, https://doi.org/10.1007/s41870-021-00659-1
2. A. Arora and A. Gosain, “Mechanism for securing cloud based data warehouse schema”, International Journal of Information Technology, Springer Nature, vol. 13, pp. 171–184, 2021, doi: 10.1007/s41870-020-00546-1.
3. A. Arora and A. Gosain, “Dynamic Trust Emergency Role-based Access Control (DTE-RBAC)”, International Journal of Computer Applications, vol. 175, no. 24, Oct. 2020, doi: 10.5120/ijca2020920773</td></tr>
<tr><td>Papers Published in Conference Proceedings
(last 5 years)</td><td colspan="4">1. Gosain and A. Arora, “Two Level Signature Based Authorization Model for Secure Data Warehouse”, in Proceedings of Security in Computing and Communications (SSCC 2016), Communications in Computer and Information Science, Springer Nature, vol. 625, pp. 251–257, 2016, doi: https://doi.org/10.1007/978-981-10-2738-3_21
2. Gosain and A. Arora, “Security Issues in Data Warehouse: A Systematic Review”, in Proceedings of International Conference on Computer, Communication and Convergence (ICCC 2015), Procedia Computer Science, Elsevier, vol. 48, pp. 149–157, 2015, https://www.sciencedirect.com/science/article/pii/S1877050915006730?via%3Dihub</td></tr>
<tr><td>Books Authored/
Book Volume Chapters</td><td colspan="4"></td></tr>
<tr><td rowspan="3">No. of Conferences</td><td rowspan="2">National</td><td colspan="2">Attended</td><td>Organized</td></tr>
<tr><td colspan="2">–</td><td>–</td></tr>
<tr><td>International</td><td colspan="2">02</td><td>–</td></tr>
<tr><td rowspan="3">Research Guidance</td><td rowspan="2">Awarded</td><td>PG</td><td>M. Phil</td><td>Doctorate</td></tr>
<tr><td>00</td><td>00</td><td>00</td></tr>
<tr><td>Undergoing</td><td>00</td><td>00</td><td>01</td></tr>
<tr><td rowspan="2">Research Projects</td><td>Completed</td><td colspan="3">00</td></tr>
<tr><td>Undergoing</td><td colspan="3">00</td></tr>
<tr><td>Awards & Distinctions</td><td colspan="4">1. Qualified UGC National Eligibility Test for Lecturer June, 2012
2. Qualified UGC National Eligibility Test for Lecturer Dec, 2012
3. Graduate Aptitude Test in Engineering (GATE) 2012 Qualified with GATE Score 520 and Percentile as 97.75
4. Silver Award for Excellence in Research from National Informatics Centre (NIC), MeitY, Govt. of India.
5. OCJP 6 (Oracle JSE 6 Programmer Certified Professional Exam) Certification, September, 2011.</td></tr>
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	6. Cambridge International Certification for Teachers and Trainers (CICTT), October, 2010.
Administrative Assignments Handled	**University Level Responsibilities** ● Deputy Center Superintendent for the End Term Theory Examination (Jan 2024) **Departmental Level Responsibilities** ● Worked as FDP coordinator for FDP on ”Online Education: An Evolving Paradigm” ● Member of EDC Website management committee. ● Member of Library and Minor exam committee. ● Member of the IT Cell committee.
Association with Professional Bodies	
Any other Achievements	A Patent titled as “Traffic Management system by dynamically opening and closing of dividers” granted by Indian Patent Office, New Delhi, on 15 November, 2021.