

### Faculty Profile

<b>Faculty Name</b>	Mandeep Kaur
<b>Designation</b>	Associate Professor
<b>Qualification</b>	PhD(Pursuing), M.Tech(CSE), M.Phil(CS), MCA
<b>Email</b>	<a href="mailto:mandeep.mca@piet.co.in">mandeep.mca@piet.co.in</a>
<b>Area of Interest</b>	Cloud Computing
<b>Work Experience (Total)</b>	
<ul style="list-style-type: none"> <li>• Teaching</li> </ul>	12 years 4 months
<ul style="list-style-type: none"> <li>• Research</li> </ul>	
<ul style="list-style-type: none"> <li>• Industry</li> </ul>	
<ul style="list-style-type: none"> <li>• Others</li> </ul>	
<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	UG: Software Engineering, Data Structures, Structured System Analysis and Design, Office Automation Tools, Internet Technologies, E-commerce PG: Cloud Computing, Software Engineering, System Programming, Data Structures, System Simulation, Artificial Intelligence
<b>Membership of Professional Bodies</b>	ISITA, ACM
<b>Research Publications</b>	03
<ul style="list-style-type: none"> <li>• Research Papers UGC-CARE</li> </ul>	
<ul style="list-style-type: none"> <li>• Research Papers SCOPUS</li> </ul>	02
<ul style="list-style-type: none"> <li>• Research Papers WoS/SCI/ABDC</li> </ul>	01
<ul style="list-style-type: none"> <li>• List of Publications</li> </ul>	<ul style="list-style-type: none"> <li>• Published research paper titled “CRITICAL REVIEW OF SECURITY ISSUES OF INTERNET OF THINGS UNDER CLOUD COMPUTING ENVIRONMENT” in journal of Advances and Applications in Mathematical Sciences, 2019 ISB/ISSN 0974-6803.</li> <li>• Published research paper titled “A CRITICAL ASSESSMENT OF ADOPTION OF ICT TOOLS FOR ONLINE EDUCATION IN INDIA” in International Journal of Advanced Research in Engineering and Technology 2021 ISSN</li> </ul>

	<p>(Print):0976-6480.</p> <ul style="list-style-type: none"> <li>Published research paper titled “Predicting Selling Price of First Time Product for Online Seller using Big Data Analytics” in IJCSNS International Journal of Computer Science and Network Security 2021 ISSN: 1738-7906</li> </ul>
<b>Book and Chapter Publications</b>	
<ul style="list-style-type: none"> <li>Books Authored published by International Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>Books Authored published by National Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>Publication of Chapter in Edited Books</li> </ul>	
<ul style="list-style-type: none"> <li>Editor of Book by International Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>Editor of Book by National Publishers</li> </ul>	
<ul style="list-style-type: none"> <li>Translation Work of Book</li> </ul>	
<ul style="list-style-type: none"> <li>List of Book and Chapter Publications</li> </ul>	
<b>Patents</b>	
<ul style="list-style-type: none"> <li>Published</li> </ul>	
<ul style="list-style-type: none"> <li>List of published patent(s)</li> </ul>	
<ul style="list-style-type: none"> <li>Filed</li> </ul>	
<ul style="list-style-type: none"> <li>List of filed patent(s)</li> </ul>	
<b>PhD Guidance</b>	
<ul style="list-style-type: none"> <li>Degree Awarded</li> </ul>	

<ul style="list-style-type: none"> <li>• Thesis Submitted</li> </ul>	
<b>M.Tech. Guidance</b>	
<ul style="list-style-type: none"> <li>• Degree Awarded</li> </ul>	
<ul style="list-style-type: none"> <li>• Thesis Submitted</li> </ul>	
<b>Research Project</b>	
<ul style="list-style-type: none"> <li>• List of Research project</li> </ul>	
<b>Consultancy</b>	
<ul style="list-style-type: none"> <li>• List of Consultancy</li> </ul>	
<b>Awards &amp; Honours</b>	
<ul style="list-style-type: none"> <li>• List of Awards &amp; Honours</li> </ul>	Acted as Judge in Smart India Hackathon, 2018
<b>Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference</b>	
<ul style="list-style-type: none"> <li>• International (Abroad)</li> </ul>	
<ul style="list-style-type: none"> <li>• International (Within Country)</li> </ul>	<ul style="list-style-type: none"> <li>• Presented a paper titled “Data Privacy and Security in Cloud Computing Environment” at International Conference on Mathematics and Soft Computing (Applications in Engineering) on 4-5 December, 2010 at NC College of Engineering, Israna, Panipat.</li> <li>• Presented a paper titled “Behavioral statistics computation for security enhancement” at AICTE sponsored international conference on Recent Innovations in Engineering organized by N.C. College of Engineering, Israna, Panipat on 30-31<sup>st</sup> March, 2018.</li> <li>• Presented a paper titled “Critical review of security issues of Internet of things under CCE”, at International Conference on intelligent systems: Approaches, Technologies and Networks(ISATN-2019), organized by PIET, Samalkha on 29-30<sup>th</sup> March, 2019.</li> </ul>
<ul style="list-style-type: none"> <li>• National</li> </ul>	<ul style="list-style-type: none"> <li>• Presented a paper titled “Analysis of some Online Random Number Generators” at National Conference of Indian Society of Information Theory and Applications(ISITA) on 24-26 October, 2009 at Guru Gobind Singh Khalsa College, Sarhali (Tarn Taran).</li> <li>• Presented a paper titled “Auditing in cloud computing using Merkle Hash Tree” at National level conference on Innovative Computer Technologies organized by</li> </ul>

	<p>DCSE, NCCE, Israna, Panipat on 14<sup>th</sup> June, 2011</p> <ul style="list-style-type: none"> <li>Presented a paper titled “Auditing A Cloud: What organization should do before moving to cloud services” at National Level Conference on Recent Trends in Network Security organized by S.D(P. G) College, Panipat on 10-11<sup>th</sup> March 2018.</li> <li>Presented a paper titled “Internet of Things: Security threats, Solutions and Future”, at National conference on Emerging trends in smart computing (ETSC-19) organized by DCSA, MDU, Rohtak on 27<sup>th</sup> March, 2019.</li> </ul>
<ul style="list-style-type: none"> <li>List of published papers</li> </ul>	
<b>Organizing National Conference/ International Conference/ FDP/STTP</b>	<ul style="list-style-type: none"> <li>Coordinated in the organization of National Workshop on Recent trends in Communication Engineering and Network Security at NC Institute of Technology, Israna on 21<sup>st</sup> May, 2011.</li> </ul>
<ul style="list-style-type: none"> <li>List of Conference/FDP/STTP committee</li> </ul>	
<b>Social Contributions and Sports</b>	
<ul style="list-style-type: none"> <li>List of Social Contributions and Sports</li> </ul>	<p>Helped migrant labors during COVID pandemic in 2020.</p>