

Faculty Profile

Faculty Name	Ms. Mandeep Kaur
Designation	Assistant Professor
Qualification	Ph.D*, M.Tech, M.Phil, MCA
Email	mandeep.mca@piet.co.in
Area of Interest	Cloud Computing
Work Experience (Total)	
<ul style="list-style-type: none"> • Teaching 	15 years 3 months
<ul style="list-style-type: none"> • Research 	
<ul style="list-style-type: none"> • Industry 	
<ul style="list-style-type: none"> • Others 	
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Security in Computing, Kotlin, Cloud Computing, Data Structures, Software Engineering, IT, Multimedia Tools, Office automation tools, AI, E-Commerce
Membership of Professional Bodies	ISITA, ACM, CSI
Research Publications	7
<ul style="list-style-type: none"> • Research Papers UGC-CARE 	
<ul style="list-style-type: none"> • Research Papers SCOPUS 	2
<ul style="list-style-type: none"> • Research Papers WoS/SCI/ABDC 	3 2
<ul style="list-style-type: none"> • List of Publications 	<ul style="list-style-type: none"> • Published research paper titled “Trust based Mutual Authentication Mechanism for Cloud Computing”, in IJCSNS, Vol. 23 No. 12 pp. 81-90, December, 2023, ISSN: 1738-7906 (ESCI) • Published research paper titled “A Review of Authentication Techniques used for Security in Cloud Computing “in 2022 Seventh International Conference on Parallel, Distributed and Grid Computing (PDGC)/ <i>IEEE Conference Publication IEEE Xplore</i>

	<ul style="list-style-type: none"> ▪ 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 (Print):0976-6480. ▪ 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 ▪ 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. ▪ Published research paper titled ‘Workplace Surveillance and Data Protection: issues, concerns and solutions’ in PCTE Journal of Computer Science, Vol II, Issue II, July-December, 2006 ISBN 0973-4058 Vol. 2 pp. 82-85. ▪ Published research paper titled ‘A Study of IPR and Indian Software Industry’ in Proceedings of National Conference ISBN 904221-3-8, pp. 143-147.
Book and Chapter Publications	
<ul style="list-style-type: none"> • Books Authored published by International Publishers 	
<ul style="list-style-type: none"> • Books Authored published by National Publishers 	
<ul style="list-style-type: none"> • Publication of Chapter in Edited Books 	
<ul style="list-style-type: none"> • Editor of Book by International Publishers 	
<ul style="list-style-type: none"> • Editor of Book by National Publishers 	
<ul style="list-style-type: none"> • Translation Work of Book 	
<ul style="list-style-type: none"> • List of Book and Chapter 	<ul style="list-style-type: none"> • The Impact of Thrust Technologies on Image Processing: Image Processing and Computer Vision:

Publications	Relevance and Applications in the Modern World
Patents	3
<ul style="list-style-type: none"> Published 	2
<ul style="list-style-type: none"> List of published patent(s) 	<ul style="list-style-type: none"> IOT and AI-based "Eyes for Non-Eyes"-A Sensor based Intelligent system to Blind people (Application no. 202211008783) Anti theft system based on the internet of things (IOT) to monitor unusual movements (Application no. 202111047293)
<ul style="list-style-type: none"> Filed 	1
<ul style="list-style-type: none"> List of filed patent(s) 	<ul style="list-style-type: none"> Machine learning based device for tracking confidence of the Employee
PhD Guidance	
<ul style="list-style-type: none"> Degree Awarded 	
<ul style="list-style-type: none"> Thesis Submitted 	
M.Tech. Guidance	
<ul style="list-style-type: none"> Degree Awarded 	
<ul style="list-style-type: none"> Thesis Submitted 	
Research Project	
<ul style="list-style-type: none"> List of Research project 	
Consultancy	
<ul style="list-style-type: none"> List of Consultancy 	
Awards & Honours	
<ul style="list-style-type: none"> List of Awards & Honours 	Acted as Judge in Smart India Hackathon, 2018
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
<ul style="list-style-type: none"> International (Abroad) 	
<ul style="list-style-type: none"> International (Within Country) 	<ul style="list-style-type: none">

<ul style="list-style-type: none"> National 	
<ul style="list-style-type: none"> Invited Lecture 	<ul style="list-style-type: none">
<p>Organizing National Conference/ International Conference/ FDP/STTP</p>	<ul style="list-style-type: none"> Coordinated in the organization of National Workshop on Recent trends in Communication Engineering and Network Security at NC Institute of Technology, Israna on 21st May, 2011. Organizing Committee member in Ist International Conference on Futuristic Computation Techniques: Approaches, Implementations and Applications (ICFCT-2022)
<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 	<ul style="list-style-type: none"> Helped migrant labors during COVID pandemic in 2020.