

### Faculty Profile

<b>Faculty Name</b>	Ms. Reema Lalit
<b>Designation</b>	Assistant Professor
<b>Qualification</b>	M.Phil(CS), MCA, NET
<b>Email</b>	<a href="mailto:reema.mca@piet.co.in">reema.mca@piet.co.in</a>
<b>Area of Interest</b>	Data Science, Machine learning
<b>Work Experience (Total)</b>	
• Teaching	14 Years 10 months
• Research	1Year
• Industry	
• Others	
<b>Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level</b>	Database, RDBMS, Operating system, visual basic, Advanced Computer Architecture, Computer organization.
<b>Membership of Professional Bodies</b>	
<b>Research Publications</b>	14
• Research Papers UGC-CARE	01
• Research Papers SCOPUS	02
• Research Papers WoS/SCI/ABDC	01
• List of Publications	<ul style="list-style-type: none"> <li>• Paper entitled “Support Vector Machine Based Automatic Licence Plate Recognition System” in scopus index ” International Journal of Advanced Science and Technology”, having ISSN: 2005-4238 (Print) ISSN: 2207-6360 (Online) in June 2020.</li> <li>• Paper entitled “A Review on Methods of Reinforcement Machine Learning” in Scopus indexed “ International Journal of Advanced Science and Technology” having ISSN: 2005-4238 (Print), ISSN: 2207-6360 (Online) in June 2020.</li> <li>• Paper entitled “Fuzzy based automated feedback</li> </ul>

	<p>collection and analysis system” journal of “Advances And Applications In Mathematical Sciences” indexed in Web of Sciences having (ISSN 0974-6803)in April 26, 2019.</p> <ul style="list-style-type: none"> <li>• Paper Entitled “Automated feedback collection and analysis system” in “International Journal of Distributed Artificial Intelligence” having ISSN: 2637-7888 in 2018.</li> <li>• Paper Published "Bipartition of VLSI circuits using Simulated Annealing technique" Vol. 1, Issue-1, pp. 59-64, Jan 2011.</li> <li>• Presented paper in conference “Automated feedback collection and analysis system” on “Intelligent Systems” held at PIET in March 29, 2019</li> <li>• Presented Paper entitled “Comparative Analysis of Routing algorithm in VANET” in International Conference on “Innovation and Trends to support make in India”, held at NCCE on 25-26 March 2017.</li> <li>• Presented Paper entitled “Big data Challenges and Analytics” in National Workshop on “Emerging Trends in Sciences”, held at D.A.V college, Ambala on 12-14 Feb 2015.</li> <li>• Presented Paper entitled “Simulation based Performance Analysis of Routing Protocol in MANET” in International Conference on “Emerging Technologies”, held at NCCE on 24-26 April 2014.</li> <li>• Presented Paper in National Conference,” Challenges in Software Engineering Research and Practices”, held at NCCE on 30-31 March 2010.</li> <li>• Presented Paper entitled” Managing and Refining of Knowledge Collection for a Enterprise” in 4<sup>th</sup> International Conference on ”Quality, Reliability &amp; Infocom Technology” held at Delhi University on 18-20 Dec, 2009.</li> <li>• Presented Paper entitled “Comparative Analysis of Some Important Routing Protocols In MANET” Nation conference held at Sarhali Punjab in Oct., 2009.</li> <li>• Presented paper entitled” Comparison of Destination sequenced distance vector and Adhoc on demand distance vector routing protocol of MANET” in 10th National Conference on “Emerging trends in S/W Engineering” on 5-6 Sep, 2008.</li> <li>• Presented paper entitled “Architecture of Data warehousing from different perspectives” in 9th National Conference of ISITA on Emerging Trends</li> </ul>
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	<p>in Software Engineering Dec. 8-9 2007.</p> <ul style="list-style-type: none"> <li>Presented paper entitled “Impact of Human intelligence on machine learning” in 9th National Conference of ISITA on Emerging Trends in Software Engineering Dec. 8-9 2007.</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>Written a Chapter entitled “A Survey of Diversified Domain of Big Data Technologies” in Scopus index Book entitled “Data Intensive computing Applications in Big Data” having ISBN no:print:978-1-61499-813-6 in Feb 2018.</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>	
<b>Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference</b>	01
<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>National</li> </ul>	<ul style="list-style-type: none"> <li>Resource person at for IQAC cell “ICT skills for office management ” (jan 21, 2021)” at HANSRAJ COLLEGE, UNIVERSITY OF DELHI .</li> </ul>
<ul style="list-style-type: none"> <li>List of published papers</li> </ul>	<ul style="list-style-type: none"> <li>Paper entitled “Support Vector Machine Based Automatic Licence Plate Recognition System” in scopus index ” International Journal of Advanced Science and Technology”, having ISSN: 2005-4238 (Print) <b>ISSN:</b> 2207-6360 (Online) in June 2020.</li> <li>Paper entitled “A Review on Methods of Reinforcement Machine Learning” in Scopus indexed “ International Journal of Advanced Science and Technology” having ISSN: 2005-4238 (Print), ISSN: 2207-6360 (Online) in June 2020.</li> <li>Paper entitled “Fuzzy based automated feedback collection and analysis system” journal of “Advances And Applications In Mathematical Sciences” indexed in Web of Sciences having (ISSN 0974-6803)in April 26, 2019.</li> <li>Paper Entitled “Automated feedback collection and analysis system” in “International Journal of Distributed Artificial Intelligence” having ISSN: 2637-7888 in 2018.</li> <li>Paper Published "Bipartition of VLSI circuits using</li> </ul>

	Simulated Annealing technique" Vol. 1, Issue-1, pp. 59-64, Jan 2011.
<b>Organizing National Conference/ International Conference/ FDP/STTP</b>	
<ul style="list-style-type: none"> <li>List of Conference/FDP/STTP committee</li> </ul>	<ul style="list-style-type: none"> <li>Part of organizing team in one day International Conference on "Intelligent Sysytems: Approches, Technologies and Networks (ISTAN-2019)" held on 29th March, 2019 at PIET, Panipat.</li> <li>Part of organizing team Challenges in S/W Engineering Research &amp; Practices AICTE sponsored 2010</li> </ul>
<b>Social Contributions and Sports</b>	
<ul style="list-style-type: none"> <li>List of Social Contributions and Sports</li> </ul>	Helped migrant labors during COVID pandemic in 2020. Received appreciation letter from IIT Bombay for spreading awareness of digital learning.