Faculty Profile

Faculty Name	Ms. Shivani
Designation	Assistant Professor
Qualification	Ph.D*, M.Tech, B.Tech
Email	Shivani.cse@piet.co.in
Area of Interest	Deep Learning
Work Experience (Total)	3.9 Years
• Teaching	3.9 years
• Research	3.9 Years
• Industry	NIL
• Others	NIL
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	DAA,DSA,WT,SE,ST, NNFL, IF
Membership of Professional Bodies	NIL
Research Publications	
• Research Papers UGC-CARE	04
• Research Papers SCOPUS	01
• Research Papers WoS/SCI/ABDC	Communicated
• List of Publications	• A Genetic Improved Quantum Cryptography Model to Optimize Network Communication, published in International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol. 8, Issue-9S, July 2019, ISSN: 2278-3075,pp. 256-259. • Accuracy Improvement in Intruder Detection using Optimally Selected Features, published in *International Journal of Research in Electronics and Computer Engineering (IJRECE)*,Vol. 6, Issue 3, July-Sep 2018, ISSN: 2348-2281, pp.215-221. • A Comparative Study: Reviewing

	Performance of Routing Protocols in MANETs", published in International Journal of Scientific Research in Science, Engineering and Technology *(IJSRSET)*, Vol. 5, Issue 8, May-June 2018, ISSN: 2394-4099, pp. 528-532. • Securing Communication in MANET through E-GAMAN Algorithm, published in International Journal of Creative Research Thoughts *(IJCRT)*, Vol. 6, Issue 2, April 2018,ISSN: 2320-2882,pp.403-407. • A Modified Approach to Improve Security and Congestion Control in AODV Routing Protocol against Blackhole Attack, published in International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC),Vol. 5, Issue 6, June 2017,ISSN: 2321-8169, pp. 266-272.
Book and Chapter Publications	
• Books Authored published by International Publishers	01
• Books Authored published by National Publishers	NIL
• Publication of Chapter in Edited Books	03
• Editor of Book by International Publishers	NIL
• Editor of Book by National Publishers	NIL
• Translation Work of Book	NIL
• List of Book and Chapter Publications	• A Comparative investigation of Consensus Algorithms in collaboration with IoT and Blockchain in Springer Book series Transforming Cybersecurity Solutions using

	Blockchain, Series Title: Blockchain Technologies, Series ISSN:2661-8338, eBook ISBN:978-981-336-858-3, DOI:10.1007/978-981-33-6858-3.
	• Role of Machine learning for Adhoc Networks, published in Cloud and IoT Based Vehicular Ad-Hoc Networks(cibvan-2021) book series chapter by, John Wiley & Sons, page no 269, ISSN No 978-1119761839.
	• Bio-Inspired routing in VANET"published in Cloud and IoT Based Vehicular Ad-Hoc Networks(cibvan-2021) book chapter series by John Wiley & Sons, page no 199, ISSNo no: 978-1119761839.
	• Big Data A Practical Approach, published in International Institute of Organized Research (I2OR), INDIA , 978-81-942293-3-9, April 2020.
Patents	
• Published	01
• List of published patent(s)	Patent published on "Low-K Side-Wall Spacer Based Inner Gate"of application no 202011033495, date of filing :5-8-20.
• Filed	NIL
• List of filed patent(s)	NIL
PhD Guidance	
• Degree Awarded	NIL
• Thesis Submitted	NIL
M.Tech. Guidance	
• Degree Awarded	NIL
• Thesis Submitted	NIL
Research Project	

• List of Research project	NIL
Consultancy	
• List of Consultancy	NIL
Awards & Honours	
• List of Awards & Honours	NIL
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
• International (Abroad)	
• International (Within Country)	01
• National	01
• List of published papers	• A Brief Enlightenment of Applications for Deep Learning" published in 4th International Conference on Recent Trends in Communication& Electronics (ICCE-2020) approved by CRC Press (Taylor & Francis Group) and Sponsored by Govt. of India, AICTE New Delhi organized by Department of Electronics & Communication Engineering, KIET Group of Institutions, Delhi-NCR, Meerut Road (NH-58), Ghaziabad. • A Review of Security Analyses in AODV Routing Protocol, Second National Conference on Recent Trends in Computing and Communication Technologies (RCCT), Murthal, Sonipat, Mar 2, 2017, Proceedings ISBN Number: 978-93-86256-54-6, pp. 199-206.
Organizing National Conference/ International Conference/ FDP/STTP	
• List of Conference/FDP/STTP committee	• Member – Organizing Committee of FDP on "Soft Computing Applications to Design of

	Intelligent Systems" at Panipat Institute of Engineering and Technology, Panipat, Haryana • FDP: soft Computing(Organising Committee Member) • Dell EMC FDP :Technical Committee Member
Social Contributions and Sports	
• **List of Social Contributions and Sports**	