


Dr. Vivek Dabra		
Designation	Assistant Professor	
Qualification	Ph.D, M.Tech, B.Tech	
Area of Interest	Cryptography, Cyber Security	
Email	drvivek.cse@piet.co.in	
D.O.J.	28 October, 2022	

Faculty Profile

Faculty Name	Dr. Vivek Dabra
Designation	Assistant Professor
Qualification	Ph.D, M.Tech, B.Tech
Email	drvivek.cse@piet.co.in
Area of Interest	Cryptography, Cyber Security, Ethical Hacking
Work Experience (Total)	5 Years 4 Months
• Teaching	2 Years 8 Months
• Research	1 Years 6 Months (Teaching Associate)
• Industry	1 Year 2 Months
• Others	
Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma Level	Cryptography and Network Security Introduction to Cyber Security Computer Networks
Membership of Professional Bodies	NIL
Research Publications	4
• Research Papers UGC-CARE	1
• Research Papers SCOPUS	1
• Research Papers WoS/SCI/ABDC	2
• List of Publications	1. Vivek Dabra, Anju Bala, and Saru Kumari. "LBA-PAKE: Lattice-Based Anonymous Password Authenticated Key Exchange for Mobile Devices." IEEE Systems Journal (2020). (SCI-Impact factor-3.931)

	<p>2. Vivek Dabra, Anju Bala, and Saru Kumari. "Flaw and amendment of a two-party authenticated key agreement protocol for post-quantum environments." <i>Journal of Information Security and Applications</i> 61 (2021): 102889 (SCIE-Impact factor-3.872).</p> <p>3. JiLiang Li, WeiGuo Zhang, Vivek Dabra, Kim-Kwang Raymond Choo, Saru Kumari, and Dieter Hogrefe. "AEP-PPA: An anonymous, efficient and provably-secure privacy-preserving authentication protocol for mobile services in smart cities." <i>Journal of Network and Computer Applications</i> 134 (2019): 52-61. (SCIE-Impact factor- 6.281)</p> <p>4. Vivek Dabra, Anju Bala, and Saru Kumari. "Reconciliation based key exchange schemes using lattices: a review." <i>Telecommunication Systems</i> (2021): 1-22 (SCIE-Impact factor-2.314).</p>
Book and Chapter Publications	
• Books Authored published by International Publishers	0
• Books Authored published by National Publishers	0
• Publication of Chapter in Edited Books	0
• Editor of Book by International Publishers	0
• Editor of Book by National Publishers	0
• Translation Work of Book	0
• List of Book and Chapter Publications	0
Patents	
• Published	0
• List of published patent(s)	0
• Filed	0
• List of filed patent(s)	0
PhD Guidance	

• Degree Awarded	0
• Thesis Submitted	0
M.Tech. Guidance	
• Degree Awarded	0
• Thesis Submitted	0
Research Project	
• List of Research project	0
Consultancy	
• List of Consultancy	0
Awards & Honours	
• List of Awards & Honours	0
Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference	
• International (Abroad)	0
• International (Within Country)	0
• National	1 Invited Lecture (MSME)
• List of published papers	3 (Conference Paper)
Organizing National Conference/ International Conference/ FDP/STTP	
• List of Conference/FDP/STTP committee	0
Social Contributions and Sports	
• List of Social Contributions and Sports	Interested in playing Badminton and Volleyball.