Name : **Dr. Harjeet Singh**
Designation : Assistant Professor
Department : Computer Application
Qualification : Ph.D.
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Email ID : Harjeet.thakur@yahoo.com
Date of Birth : 28-10-1984
Joining Date : 16-08-2015

Specialization

Computer Networks

Educational Qualification

Degree	Year of Passing	Institute/University
Ph.D.(Computer Applications)	2023	Department of Computer Applications, Career Point University, Kota (Raj.)
MCA	2012	Punjab Technical University, Jalandhar
B.A.	2006	H.P.U. Shimla

Teaching Experience

Position Held	Department And Organization	From	To	Total Experience
Assistant Professor	Department of Computer Application, M.P. Govt. College Amb	16-08-2015	At Present	9

Research Experience

Research Interests : Data Security, Local Area Network (LAN), Distributed Firewall, Network Intrusion Detection, Network Traffic Analysis

Brief Research Profile : During my research i worked on a novel framework for data security in LAN using MATLAB and distributed firewall is a Comprehensive approach to designing and developing a system that can provide real-time security for network traffic in LAN. The framework involves the use of a distributed firewall, which is a software based solution that can be installed on each node in the LAN to monitor incoming and outgoing traffic and filter out any malicious or unauthorized packets. In addition, an intrusion detection system could be used to detect and alert the distributed firewall of any potential security breaches or anomalies in network traffic. The framework may also include encryption algorithms, authentication mechanisms, and centralized management systems to ensure secure access and control over the LAN. MATLAB can be used to develop and test the algorithms and models used in the distributed firewall and other security components, and its built-in networking capabilities can be used to simulate and test the performance of the LAN under various conditions.

Journal Publications

Year	Journal	Author(s)	Publication	Indexing
2022	Shodhsamhita: Journal of & Fundamental Comparative Research Kavikulaguru Kalidas Sanskrit University, Ramtek	Harjeet Singh and Dr. Abid Hussain	"A Systematic Exploration Security of Data Traffic in Distributed Firewall Network"	UGC CARE
2022	Journal of the Oriental Institute	Harjeet Singh and Dr. Abid Hussain	"An Architectural Model for Detecting and Preventing DDOS Attack Using Metlab"	UGC CARE

Year	Journal	Author(s)	Publication	Indexing
2022	International Journal of Mechanical Engineering	Harjeet Singh and Dr. Abid Hussain	"A Simulative Framework for Data Security using PSA in LAN using MATLAB and Distributed Firewall"	SCI/ UGC CARE

Conference Publications

Year	Conference	Author(s)	Title	Indexing
2021	International, Conference on Research & Innovative Practices in Science, Management and Social Sciences(RIPSMSS2021) organized by School of Commerce and Management Career Point University, Kota.	Harjeet Singh and Dr. Abid Hussain	"A Research Survey in LAN using Distributed Firewall"	
2021	International, Conference on Recent Advancement in Computer Science & Engineering" (ICRACSE 2021) organized by School of Computer Science and Engineering, Poornima University, Jaipur.	Harjeet Singh and Dr. Abid Hussain	"A Review of Data Security in LAN and Distributed Firewall"	
2021	Conference on Recent innovations in Engineering and Technology for Sustainable Living(& Innovative Practices in Science, Management and Social Sciences(RIESTL-2021) jointly organized by Career Point University, Kota & SICC, University Kufa, Iraq held at Career Point University, Kota(Raj.).	Harjeet Singh and Dr. Abid Hussain	"A Novel Framework Data Security in LAN using MATLAB and Distributed Firewall"	

Date :

Place: AMB

Signature