Profile Page

Name	:	Dr Kunwar Pal	
Designation	:	Assistant Professor Grade-ii	
Department	:	Computer Science & Engg.	
Qualification	:	Ph. D Computer Science & Engineering (Malaviya National Institute of Technology Jaipur)	
		M.E Computer Science & Engineering (Punjab Engineering College Chandigarh)	
		B. Tech Computer Science & Engineering (Kamla Nehru Institute of Technology Sultanpur)	
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Research Interests :

Computer Network, Multimedia Transmission, Network Security, Internet of Things

Other Profile Links :

Google Scholar Link :

Dr. Kunwar Pal Click Here

Journal Publications :

Year	Journal	Publication
2022	Multimedia Tools and Applications, 1-29	Md Ansari, Sarfaraj Alam, Kunwar Pal, Prajjval Govil, Mahesh Chandra Govil, Lalit Kumar Awasthi, A statistical analysis of SAMPARK dataset for peer-to-peer traffic and selfish-peer identification
2021	Multimedia Tools and Applications, 80(13), pp.19263-19290.	Ansari, S.A., Pal, K., Govil, M.C., Ahmed, M., Chawla, T. and Choudhary, A., 2021. Score-based Incentive Mechanism (SIM) for live multimedia streaming in peer-to-peer network.
2019	Multimedia Tools and Applications 78.23 (2019): 33679-33702	Kunwar Pal, Mahesh Chandra Govil, and Mushtaq Ahmed "FLHyO: fuzzy logic based hybrid overlay for P2P live video streaming"
2018	Multimedia Tools and Applications 77 (18), 24427-24457	Kunwar Pal, Mahesh Chandra Govil, and Mushtaq Ahmed "Priority-based scheduling scheme for live video streaming in peer-to-peer network""

2017	International Journal of Communication Systems 31 (2), 1-16	Kunwar Pal, Mahesh Chandra Govil, and Mushtaq Ahmed "Slack time–based scheduling scheme for live video streaming in P2P network""
2017	International Journal of Intelligent Engineering and Systems 10, no. 3 (2017): 343-350.	Kunwar Pal, Mahesh Chandra Govil, and Mushtaq Ahmed "Comparative analysis of utilization based hybrid overlay for live video streaming in P2P network""

Conference Publications :

Year	Conference	Publication
2020	International Conference on Emerging Technologies in Computer Engineering: Machine Learning and Internet of Things (ICETCE)	Md Sarfaraj Alam Ansari, Mahesh Chandra Govil, Kunwar Pal, Shefalika Ghosh Samaddar, Tools and Techniques in optimization of Network Resources
2019	Recent findings in intelligent computing techniques	Kunwar Pal, Mahesh Chandra Govil, and Mushtaq Ahmed "Utilization-Based Hybrid Overlay for Live Video Streaming in P2P Network"
2017	23rd International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), pp. 32-38. The Steering Committee of The World Congress in Computer Science, Computer Engineering and Applied Computing (WorldComp)	Kunwar Pal, Mushtaq Ahmed , and Mahesh Chandra Govil "Utilization Based Hybrid Overlay Approach for P2P live Streaming: A Comparative Analysis"
2017	23rd International Conference on Parallel and Distributed Processing Techniques and Applications (PDPTA), pp. 32-38. The Steering Committee of The World Congress in Computer Science, Computer Engineering and Applied Computing (WorldComp)	Kunwar Pal, Mushtaq Ahmed, and Mahesh Chandra Govil "A Distinctive Analysis of New Hybrid Overlay Approach with Classical Overlay Approaches for P2P Live Streaming"
2016	nternational Conference on Emerging Research in Computing, Information, Communication and Applications, pp. 239-250. Springer,	Kunwar Pal, Mahesh Chandra Govil, and Mushtaq Ahmed "Comparative analysis of new hybrid approach for overlay construction in P2P live streaming""
2015	International Conference on Advances in Computing, Communications and Informatics (ICACCI), pp. 431-437. IEEE.	Kunwar Pal, Mahesh Chandra Govil, and Mushtaq Ahmed "A new hybrid approach for overlay construction in P2P live streaming"

Book/Chapter Publications :

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
	A Survey on Adaptive Multimedia Streaming	IntechOpen	Kunwar Pal, Mahesh Chandra Govil, Mushtaq Ahmed and Tanvi Chawla		2019

Professional Affiliations :

Designation	Organization
Member	IEEE

PhD Supervised :

Scholar Name	Research Topic	Status	Year	Co-Supervisor
Shruti	Network Security	On-going	2023	

Shilpa Singhal	Group Recommendation System	On-going	2023	
Md. Sarfaraj Alam Ansari	Characterization of Peer to Peer Traffic and Efficient Handling of Peers' Demeanor in Live Streaming	Completed	2021	Prof. Mahesh Chandra Govil
Pawan Kumar	Path planning and coverage for Unmanned Aerial vehicles	On-going	2020	Prof. Mahesh Chandra Govil

PG Dissertation Guided :

Student Name	Dissertation Title	Status	Year	Co-Supervisor
Md. Kamar Raza	Network Security	On-going	2023	
Sanjiv Pandit Sonawane	Area Coverage in Flying adhoc Network	On-going	2023	
Varsha Gangwar	Routing in Flying adhoc Network	On-going	2023	
Muntazir Shafi	An Optimized Energy Efficient Task Scheduling Scheme for Fog-Cloud based IoT Environment	Completed	2022	
Dulam Vinay Gopal	Defense against adversarial attacks using GANs	Completed	2021	

Admin. Responsiblities :

Position Held	Organization	From	To
Yukti Coordinator	Dr. B R Ambedkar National Institute of Technology Jalandhar	02-03-2021	10-01-2023
Hostel Warden	National Institute of Technology	29-10-2018	10-01-2019
Institute Ranking Committee Member	Dr. B R Ambedkar National Institute of Technology Jalandhar	11-10-2022	10-01-2023
Institute Automation Committee Member	Dr. B R Ambedkar National Institute of Technology Jalandhar	26-02-2020	03-02-2022