


1. Personal Information			
(i)	Name	NITIN CHOUHAN	
(ii)	Qualification	Ph.D.	
(iii)	Designation	Assistant professor	
(iv)	Email-id	Nitin_chouhan27@yahoo.com	
(v)	Employee No.		
(vi)	Department	ELECTRONICS & TELECOMMUNICATION	
(vii)	Experience	8 years	

2. Educational Qualification				
S. No.	Degree	Specialization	Year	University/Board
1	PhD	Fiber-Wireless Networks	2023	DAVV
2	M.TECH	Digital Instrumentation	2014	DAVV
3	B.E.	Electronics and Communication	2011	RGPV

3. Research Interests
Fiber-Wireless (FiWi) Access Networks

4. Research Paper Publications
(I) International/National Journals
<ol style="list-style-type: none"> 1. Nitin Chouhan, Uma Rathore Bhatt, Raksha Upadhyay, Vijay Bhat, FiWi network planning for WiFi enabled gram panchayats of India: A frame work using component placement optimization, Optical Fiber Technology, Elsevier, 76 (2023). (SCI indexed Journal) 2. Nitin Chouhan, Uma Rathore Bhatt, Vijay Bhat, Fiber Wireless (FiWi) Access Network Planning & Deployment using Reptile Search Algorithm, International Journal of Sensors, Wireless Communications and Control, Bentham Science, 13(1) (2023). (Scopus indexed Journal)

3. Nitin Chouhan, Uma Rathore Bhatt, Raksha Upadhyay, Weighted Salp Swarm and Salp Swarm Algorithms in FiWi access network: A new paradigm for ONU placement, *Optical Fiber Technology*, Elsevier, 63 (2021). **(SCI indexed Journal)**
4. Nitin Chouhan, Uma Rathore Bhatt, Raksha Upadhyay, Performance Evaluation of Fiber Wireless (FiWi) Access Network using Position Optimization of ONUs, *International Journal of Sensors, Wireless Communications and Control*, Bentham Science 11(3) (2020) 336-347. **(Scopus indexed Journal)**
5. Nitin Chouhan, Uma Rathore Bhatt, Raksha Upadhyay, An optimization framework for FiWi access network: Comprehensive solution for green and survivable deployment, *Optical Fiber Technology*, Elsevier, 53 (2019) 1-16. **(SCI indexed Journal)**
6. Uma Rathore Bhatt, Anita Dakhad, Nitin Chouhan, Raksha Upadhyay, Fiber Wireless (FiWi) access network: ONU placement and reduction in average communication distance using whale optimization algorithm, *Heliyon*, Elsevier, 5(3) (2019). **(SCI indexed Journal)**
7. Uma Rathore Bhatt, Nitin Chouhan, Raksha Upadhyay, (2016), “Energy Efficient Segmentation for Green FiWi network”, *Procedia Computer Science*, vol. 78 pp. 75-81. **(Scopus indexed Journal)**
8. Uma Rathore Bhatt, Nitin Chouhan, Raksha Upadhyay, Hybrid algorithm: A cost efficient solution for ONU placement in Fiber-Wireless (FiWi) network, *Optical Fiber Technology*, Elsevier, 22 (2015) 76-83. **(SCI indexed Journal)**

(II) International/National Conferences

1. Nitin Chouhan, Uma Rathore Bhatt, Raksha Upadhyay, Potential Sites searching for ONUs in FiWi network. In: *Proceedings of Recent Advances in Interdisciplinary Trends in Engineering & Applications (RAITEA)*, ISSN - 1556-5068, SSRN Elsevier, Indore, India, (2019).
2. Nitin Chouhan, Uma Rathore Bhatt, Raksha Upadhyay, Reduction in Average Distance Cost by Optimizing Position of ONUs in FiWi Access Network using Grey Wolf Optimization Algorithm, *Advances in Computing and Network Communications. Lecture Notes in Electrical Engineering*, ISSN-1876-1100, Publisher: Springer Nature (Scopus indexed), 735 (2021) 91-104.

NITIN CHOUHAN
Name of Faculty Member