UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY
PANJAB UNIVERSITY, CHANDIGARH - 160014

FACULTY PROFILE

1. Name :Pardeep Kaur
2. Designation :Assistant Professor
3. Department : Electronics & Communication Engineering
4. Contact details :Room no-418,Block 2 ,UIET
5. Email id :pardeep.tur@gmail.com
6. Educational Background :

(Provide details of Educational background in descending order)

S. No	Degree	University/ Institution	Year of Pass	% of Marks	Class
1	Ph.D	CHANDIGARH UNIVERSITY ,PUNJAB	2019	-	THESIS SUBMITTED, MAY 2019
2	M.E -ECE	THAPAR UNIVERSITY PATIALA	2007	75.6	FIRST
3.	B.TECH –ECE	BBSBEC,PTU,JALANDHAR	2005	70.5	FIRST

7. Research Areas : Wireless Sensor Networks ,Optical Communication

8. Experience : 12 YEARS

(Provide details of professional experience before joining this institute in the descending order)

S. No.	Period		Organization / Institution	Position Held
	From	To		
1	AUG- 2007	TILL DATE	UIET,Panjab University ,Chandigarh	ASSISTANT PROFESSOR

9. List of Publications:

SCI INDEXED PUBLICATIONS

1. Pardeep Kaur, B. S. Sohi, and Preeti Singh, "Recent Advances in MAC Protocols for the Energy Harvesting Based WSN: A Comprehensive Review," *Wireless Personal Communications*, vol. 104, no. 1, pp. 423–440, 2019.(IF -1.2)

2. Navneet Dayal, Preeti Singh, and Pardeep Kaur, "Long Range Cost-Effective WDM-FSO System Using hybrid optical amplifier," *Wireless Personal Communications*, vol. 97, no. 4, pp. 6055–6067, 2017. (IF -1.2)

3. Marvi Grover, Preeti Singh, and Pardeep Kaur, "Multibeam WDM-FSO System : An Optimum Solution for Clear and Hazy Weather Conditions," *Wireless Personal Communications*, vol. 97, no. 4, pp. 5783–5795, 2017. (IF -1.2)

4. M. Ajmani, P. Singh, and P. Kaur, "Hybrid Dispersion Compensating Modules : A Better Solution for Mitigating Four - Wave Mixing Effects," *Wireless Personal Communications*, 2019 april

SCOPUS INDEXED JOURNALS

5. Pardeep Kaur, Preeti Singh, and B. S. Sohi, "Traffic Models for Energy Harvesting based Wireless Sensor Networks", Recent Advances in Electrical & Electronic Engineering, online first,2019
6. Aarti Kochhar, Preeti Singh, Pardeep Kaur,Sukesha sharma, "Protocols for wireless sensor networks: A survey," Journal of Telecommunications and Information Technology, vol. 2018, no. 1, 2018.
7. Marvi Grover, Preeti Singh, and Pardeep Kaur, "Mitigation of Scintillation Effects in WDM FSO System using Multibeam Technique," Journal of telecommunications and information technology, pp. 69–74, 2017.
8. Navneet Dayal, Preeti Singh, and Pardeep Kaur, "Relay-Assisted WDM-FSO system: A better solution for communication under rain and haze weather conditions," Journal of Telecommunications and Information Technology, vol. 2017, no. 4, 2017.

SCOPUS BOOK CHAPTER

9. Malik, S. Kumar, P. Singh, and P. Kaur, "Performance enhancement of point-to-point fso system under rain weather conditions," in Advances in Intelligent Systems and Computing, vol. 624, 2018.

10. P. Kaur, A. Gupta, and Á. High, "Optimized Swarm Architectures in Airborne Internet," Advances in Intelligent Systems and Computing, pp. 143–149, 2017
11. M. Grover, P. Singh, and P. Kaur, "Performance analysis of multibeam WDM-FSO system in clear and hazy weather conditions," in Advances in Intelligent Systems and Computing, 2017.
12. N. Dayal, P. Singh, and P. Kaur, "Performance enhancement in WDM-FSO system using optical amplifiers under different rain conditions," in Advances in Intelligent Systems and Computing, 2017.

IEEE CONFERENCE –SCOPUS

13. Pardeep Kaur, Preeti Singh, and B. S. Sohi "Hybrid Multilayer Receiver based MAC Protocol for GreenWireless Sensor Networks" in the 2019 Third IEEE International Conference on Electrical, Computer andCommunication Technologies (IEEE ICECCT 2019) held at SVS College of Engineering, Coimbatore,Tamil Nadu, India, during 20 - 22, February 2019.
14. Yogita Bansal, Charu Madhu ,Pardeep Kaur, "HIGH SPEED VEDIC MULTIPLIER DESIGNS-," *RAECS -2014-IEEE Conf.*, 2014.
15. Navneet dayal,Preeti singh,Pardeep kaur," Comparative analysis of FSO with three systems taking four weather conditions",CSNT 2016,IEEE CONF ,CHITKARA UNIVERSITY.
16. Anterpreet Gill,Pardeep Kaur,Charu Madhu,"Investigation of short channel effects in Bulk MOSFET and SOI FinFET at 20nm node technology",IEEE indicon ,2015
17. Marvi Grover,Preeti singh,Pardeep kaur," Partial Mesh Topology: A Reliable UAV Architecture in Hybrid FSO/RF System",CSNT 2016,IEEE CONF ,CHITKARA UNIVERSITY.

OTHER REFERRED JOURNAL

18. Pardeep Kaur, "Effect of Amplifiers on Performance of Ringo Networks," *IJECE*, pp. 2138–2147, 2012.
19. Pardeep kaur , "PERFORMANCE ANALYSIS OF OPTICAL RINGO NETWORKS .," *IJAET*, vol. 4, no. 2, pp. 128–137, 2012.
20. A. Singhal, A. Rawat, and Pardeep kaur, "Council for Innovative Research," *IJCT*, vol. 10, no. 6, pp. 1743–1751, 2012.
21. Navneet dayal ,Preeti singh,Pardeep kaur " Under water Environment: a brief of explored work and future scope," in *International Journal of Computer Applications (0975 – 8887),2016*