

Name	Dr. YADWINDER KUMAR		
Fathers Name	Sh. TARSEM LAL		
Designation	ASSISTANT PROFESSOR		
Department	YCOE/ECE		
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Academic Qualifications	Graduation	B.TECH (ECE)	
	Post-Graduation	M.TECH (Microelectronics)	
	Doctorate	Ph.D .	
Area of Specialization	Graduation	ECE	
	Post-Graduation	MICROELECTRONICS	
	Doctorate	ANTENNA SYNTHESIS AND OPTIMISATION	
Employment History	<ol style="list-style-type: none"> 1. Network Engineer 2. IT Officer in PNB 3. Executive Engineering in Rolta India Ltd Mumbai. 		

Papers in International Journals	07 *(List attached)	Impact Factor:
		H index-----
		Citation index-----
		SNIP-----
		SJR-----
Papers in National Journals	--NA--	Impact Factor: -----
		H index-----
		Citation index-----
		SNIP-----
		SJR-----
Papers in International Conference	03	Impact Factor: -----
		H index-----
		Citation index-----
		SNIP-----
		SJR-----
Papers in National Conference	02	Impact Factor: -----
		H index-----
		Citation index-----
		SNIP-----
		SJR-----
International Conference attended	03	
National Conference attended		02

Books Published as single author	---N.A---
Books Published as Joint author	---N.A---
Edited books	---N.A---
Research projects completed 1. Title 2. Amount in lakhs 3. Date of completion	---N.A---
Research Projects Ongoing , 1. Title 2. Amount in lakhs	---N.A---
Research Projects Submitted 1. Title	---N.A---
PhD under supervision (Completed)	---N.A---
PhD under supervision (Ongoing)	---N.A---
M.Tech. Students Guided	14
Medals/Awards/Honors/Received/	

Scholarships receive	
Memberships	Life member of Indian Microelectronics Society (IMA)

*** List of Publications :**

A. Journals (International)

1. **Yadwinder Kumar**, S.Singh, 'A Compact Multiband Hybrid Fractal Antenna for Multistandard Mobile Wireless Applications', *Wireless Personal Communications-Springer*, Vol 84 (1), 2015, pp 57-67, **SCI Indexed (Thomson Reuters), I.F 0.9.**
2. **Yadwinder Kumar**, S. Singh, 'Microstrip Fed Multiband Hybrid Fractal Antenna for Wireless Applications', *Applied Computational Electromagnetic Society Journal*, Vol 31(3), 2016, pp 327-332, **SCI Indexed(Thomson Reuters), I.F.0.8**
3. **Yadwinder Kumar**, S. Singh, 'Performance Analysis of Coaxial Probe Fed Modified Sierpinski-Meander Hybrid Fractal Heptaband Antenna for Future Wireless Communication Networks', *Wireless Personal Communications-Springer*, Vol 94 (4), 2017, pp 3251-63, **SCI Indexed (Thomson Reuters), I.F 0.9.**
4. Amandeep Kaur, **Yadwinder Kumar**, "Design and Simulation of Sierpinski Pre-Fractal Antenna using HFSS", *International journal of Recent and Innovation Trends in Computing and Communication (IJRITCC)*, Vol 1, Issue 10, Oct 2013, pp 773-781
5. Satvir Singh, **Yadwinder Kumar**, Kulwinder Singh, "Slot Perturbation of Rectangular Patch Antenna for Multiband Behaviour", *International Journal of Emerging Technology and Advanced Engineering (IJETAE)*, Vol. 2, Issue 10, Oct 2012, pp 208-213.
6. Sukhjit Kaur, **Yadwinder Kumar**, "Optimization of U-Slot Microstrip Patch Antenna using Genetic Algorithm", *International journal of Recent and Innovation Trends in Computing and Communication (IJRITCC)*, Vol. 1, Issue 10, Oct 2013, pp 752-756.

7. Tarunjot Kaur, **Yadwinder Kumar**, "Design of Compound Fractal Antenna for Multiband Applications ", International journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), Vol. 1, Issue 10, Oct 2013, pp 774-777.
8. Kulwinder Singh, **Yadwinder Kumar**, Satvir Singh, "A Modified bow tie antenna with U-shape slot for Wireless applications", International Journal of Emerging Technology and Advanced Engineering (IJETA), Vol. 2, Issue 10, Oct 2012, pp 158-163.
9. Amritpal Kaur, **Yadwinder Kumar**, "Optimization of Meander Line Antenna using ACO Technique", International journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), Vol. 1, Issue 10, Oct 2013, pp 761-766.

B. Conferences (International)

1. **Yadwinder Kumar**, S. Singh, "A Quad band Hybrid Fractal Antenna for Wireless Applications", IEEE International Advanced Computing Conference (IACC) 2015, pp730-733.
2. **Yadwinder Kumar**, S. Singh, "A Coaxial Probe Fed Multiband Hybrid Fractal Antenna for Wireless Applications", IEEE International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET) 2016, pp1717-21. (Indexed by EI Compendex and SCOPUS).
3. **Yadwinder Kumar**, Priyanka Rani, "Proximity Coupled Fractal Antenna for Wireless Applications", International Conference on Soft Computing Applications in Wireless Communications (SCAWC) 2017, pp229-231.

C. Conferences (National)

1. Kulwinder Singh, **Yadwinder Kumar**, "Modeling and Analysis of Bow-Tie Antenna for Microwave imaging Applications", Innovative Developments in Engineering Applications (IDEA-12), 13-14 April 2012, pp 149-152.
2. Amandeep Singh, Charanjit Singh, **Yadwinder Kumar** and Bhupinder Singh, "Performance Analysis of Discone Antenna for 2.44GHz Wireless Applications", NCEA-2011, pp13-18.