

## Profile

1	Name of the Faculty	Mrs. Vishalakshi Patil		pht	
2	Date of joining	01-08-2013			
3	Email id	vishalakshhii@gmail.com			
4	Designation	Asst. Prof.			
5	Department	Electronics and Communication Engineering			
6	Education Qualifications	M.Tech.(Ph.D.)			
7	WorkExperience	Teaching	Research	Industry	Others
		10			
8	Area of Specialization	Communication Systems			
9	Courses taught at Diploma/ PostDiploma/ Under Graduate/ PostGraduate/PostGraduateDiploma Level	Under Graduate			
		1. Information Theory and Coding 2. Control Systems 3. Optical Fiber Communication 4. wireless Cellular and LTE 4G Broadband 5. Microwave and Radar 6. Antenna and Wave Propagation 7. Analog Communication 8. Digital Communication 9. Electronic Instrumentation 10. Sensors and Actuators 11. Logic design and Computer Organization 12. Management and Entrepreneurship Development 13. Network Analysis 14. Analog and Digital Communication 15. Linear IC's and Its Application			
		Post Graduate			
		1. Advanced Digital Communication. 2. RF and Microwave Circuit Design 3. Operation Research 4. Advanced Engineering Mathematics 5. Modeling and Simulation of Data Networks			

10	No. of papers published in National/International Journals/Conferences		
	Journals	National	International
		01	05
	Conferences	National	International
	ResearchGuidance		
	MasterDegree	Completed	Ongoing
		07	03
	Ph.D.	---	---

11	Projects Carried out	---	---
12	Patents	----	---
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13	Technology Transfer	-----	
14	<div>1. Kavita, Vishalakshi Patil “Enhanced OFDM-NOMA for Next generation wireless Communication “ 2012-20 International Journal of Information Technology and Electrical Engineering, ISSN: 2306-708X.</div> <div>2. Archana S Gokhale, Vishalakshi Patil “Low-PAPR Spatial Modulation for SC-FDMA” 2012-20 International Journal of Information Technology and Electrical Engineering, ISSN: 2306-708X.</div> <div>3. Girija, Vishalakshi Patil “SC-FDMA using Enhanced PAPR Spatial Modulation” 2012-21 International Journal of Information Technology and Electrical Engineering, ISSN: 2306-708X.</div> <div>4. Sushma, Vishalakshi Patil “A consolidated PAPR-Decrease Method for Unevenly Cut Optical OFDM Framework “2012-21 International Journal of Information Technology and Electrical Engineering, ISSN: 2306-708X.</div> <div>5. Alimana Illeen, Vishalakshi Patil “PAPR Reduction by Using DCT and IDCT Techniques” August 2022 IJSDR, Volume 7 Issue 8 ISSN: 2455-2631.</div> <div>6. Vishalakshi Patil, G.S. Biradar, Vidya Honguntikar “A Survey on PAPR Reduction Techniques for Multipath Fading Channel” 2022, Journal of Fundamental and Comparative Research, Vol. VIII, ISSN: 2277-7067.</div>		