

Somaiya Vidyavihar University

Name: Sharvari Deshmane		E-mail: sharavarid@somaiya.edu	
Contact No: 9323243377			
Department/Section: Department of Electronics and Telecommunication			
College: K J Somaiya College of Engineering			
DOJ Somaiya: <i>June 2005</i>	Career Experience: 19 Yrs	Industry Experience: 00 Yrs	Teaching Experience:19 Yrs
Present Academic Designation: Assistant Professor		Present Administrative Designation:	

Area of research/specialization and Courses Delivered
<p>Research domain/interests/areas</p> <ol style="list-style-type: none"> 1. Data Analysis and Interpretation 2. Computer Communication Networks 3. Cryptography and Network Security 4. Data Networking <p>Courses Delivered</p> <ol style="list-style-type: none"> 1. Data Networking I (Sem V), II(Sem VI), III(Sem VII), IV(Sem VIII) 2. Routing and Switching Networks (Sem VII) 3. Data Analysis and Interpretation (Semester III) 4. Computer Communication Networks (Semester VI) 5. Cryptography and Network Security (Semester VII) 6. Internet and Voice Communication (Semester VIII)

Recognition as a teacher by any University	UG: Yes	PG: No	Ph.D : No
<p>Details of Recognitions</p> <ol style="list-style-type: none"> 1. CONCOL/VCD/307 dated 2.9.1997 			

Education					
Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	--				
PG	Master of Engineering (Electronics & Telecommunication)	Mumbai University	Vivekananda Education Society's Institute of Technology	2006	63.46%
UG	Bachelor of Engineering (Electronics & Telecommunication)	Shivaji University	W. I. T. Solapur	2003	91.06%
Diploma	--				
NET/SET/Other	--				

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Research Accomplishments and Projects		
No of students pursuing Ph.D as on date:		No of students completed Ph.D as on date:
No of students completed PG thesis / Project work as on date:		No of students / groups completed UG projects as on date: More than 20
Publications Total:	Number of Peer review Journal papers:	Number of Conference papers:08
Details of Publications: International Conference: <ul style="list-style-type: none"> ✓ “COMPARATIVE ANALYSIS OF SELF CANCELLATION TECHNIQUE FOR DIFFERENT CHANNEL ENVIRONMENTS IN OFDM SYSTEM” International Conference on ADvances in ELectionics & Communications (icon ADELCO 2007) Organised by Department of Electronics & Communication Engineering National Engineering Collage K. R. Nagar, Kovilpatti Tamil Nadu in association with IEEE Madras Section Chennai Feb 1-3, 2007. ✓ “UPLINK SCHEDULING FOR FIXED BROADBAND WIRELESS ACCESS SYSTEMS” at International Conference on Emerging Technologies in Telecommunication Convergence (ICETT-07) Organized by The Institute of Electronics Telecommunication Engineers(IETE), Mumbai Centre Jan 10-12, 2007. ✓ “PERFORMANCE ANALYSIS OF SELF CANCELLATION TECHNIQUE IN OFDM SYSTEM” at PCEA – IFTOMM International Conference (PICA 2006) on “Recent Trends in Automation & its Adaptation to Industries” jointly organized by Priyadarshini College of Engineering & Architecture, Nagpur, India and International Federation for the Promotion of Mechanisms & Machine Sciences July 11 – 14, 2006. National Conference: <ul style="list-style-type: none"> ✓ “IEEE STANDARD 802.16: A TECHNICAL OVERVIEW OF THE WIRELESSMAN MEDIUM ACCESS CONTROL (MAC) LAYER” at National Conference on UTKARSH – Technology for Society Transformation Organized by Vivekanand Education Society’s Institute of Technology, Mumbai Jan 12-13, 2007. ✓ “PERFORMANCE ANALYSIS OF SELF CANCELLATION TECHNIQUE FOR AWGN CHANNEL”, National Conference on Emerging Trends in Broadband Communication organized by IETE Jaipur, The Institute of Electronics and Telecommunication Engg., Rajasthan. April 8-9, 2006. ✓ “SIMULATION AND ANALYSIS OF WIRELESS TRANSMISSION SYSTEM ON OFDM”, at National Conference on Advances in Electronic Communication, ADELCO 2006, Organized by National Engg. College, Tamilnadu. April 6-7, 2006. ✓ “DISCRETE MULTI-TONE FOR DSL” at National Conference On Trends in Telecom Transmission: Copper to Fiber organized by IEEE-Bombay section, IETE-Mumbai Centre, IEI Maharashtra State Centre And K. J. Somaiya College of Engg., Mumbai, March 17-18, 2006 ✓ “WORLDWIDE INTEROPERABILITY USING OFDM”, at National Conference On Information and Communication Technology (NCICT – 2006) : Recent Trends and Future Challenges organized by D. J. Sanghvi College of Engg., Mumbai. Feb 24-26, 2006. 		
No of Research / consultancy / projects completed: 01 Rs: 22,000/-	No of Research / consultancy / projects on-going: Rs:	No of Research / consultancy / projects on applied as on date: Rs:
Details of Research / consultancy / projects: Completed <ol style="list-style-type: none"> 1. “Solar Powered Surveillance System for the Detection of Human Activity in Naxal Prone Areas” (Minor Research Project (2017-2018)) 		

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FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered	
Attended	<ol style="list-style-type: none"> 1. “Introduction to Probability and Data with R”, Duke University Issued Jul 2020. 2. “Hands-on Python programming and Data analytics”, Department Computer, K. J. Somaiya College of Engineering. 3. “CCNA: Switching, Routing, and Wireless Essentials”, Cisco Issued Aug 2020. 4. “CCNA: Enterprise Networking, Security, and Automation” Cisco Issued Aug 2020. 5. "Internet of Things" I.S.T.E. Approved S.T.T.P. organized by Department of Information and Technology, K. J. Somaiya College of Engineering 6. “Ethical Hacking and Cyber Security”, Technex’19, IIT Varanasi in association with Innovians Technologies(India) 7. IIT BombayX: FDP101x Foundation Program in ICT for Education 8. Pedagogy for Online and Blended Teaching- Learning Process
Organized	<ol style="list-style-type: none"> 1. ISTE-IQAC Approved One Week Short Term Training Program on “Recent trends in Applied Networking and Cyber Security” organized by Department of Electronics and Telecommunication Engineering in collaboration with Faculty & Staff Development Centre (FSDC) May 06th - 11th, 2024
Delivered	<ol style="list-style-type: none"> 1. ISTE-IQAC Approved One Week Short Term Training Program on “Recent trends in Applied Networking and Cyber Security” organized by Department of Electronics and Telecommunication Engineering in collaboration with Faculty & Staff Development Centre (FSDC) May 06th - 11th, 2024

Notable Positions and Responsibility	
1.	<p>ROLES & RESPONSIBILITIES IN DEPARTMENT LEVEL</p> <p>Present:</p> <ul style="list-style-type: none"> • Laboratory in charge Cisco Center of Excellence lab • Attendance Monitoring Committee • Departmental Roll call list • Student Activity Records (Students publications, Augmentation program, Industrial Visit & Higher Studies co-curricular and extracurricular) • NAAC Criteria VII Member <p>Past:</p> <ul style="list-style-type: none"> • LY class Coordinator • Laboratory in charge Project lab • IETE Treasurer • IETE activity Coordinator • Placement Coordinator • Project Committee • NAAC Criteria V Member • Result and Analysis • Worked in College BTech Admission Committee
2.	<p>ROLES & RESPONSIBILITIES IN INSTITUTE LEVEL</p> <p>Present</p> <ul style="list-style-type: none"> • Internship Coordinator

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	<ul style="list-style-type: none">• Convener: Canteen Audit Committee Past• Students' Grievance Committee• Infrastructure Committee
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Date: 22 /10/ 2024

Signature of Faculty Member