

FACULTY OF ENGINEERING & TECHNOLOGY (EXCLUSIVELY FOR WOMEN)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Personal Details	
Name: Dr. Vanita K	
Designation: Assistant Professor	
Department: Electronics and Communication Engineering	
College Address: FETW, SUK	
Contact: 9900978993	
E-mail id(college mail id): kvanitasuk@gmail.com	

Areas of Interest	Communication system Signal Processing Embedded System Digital Electronics
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Subjects Taught	
UG	PG
Signals and Systems, Digital Signal Processing, Digital Image Processing, Digital Switching System,	Antenna Theory and Design, Advanced Digital Signal Processing, Advance Engineering Mathematics
Analog and Digital Communication, Digital Communication , Wireless Communication	Error Control Coding, Wireless & Mobile Networks
Information Theory and Coding, Verilog HDL, Embedded System	Introduction to 5G

Academic Background				
Degree	Specialization	Name of The Institute	University	Month and Year of Passing
Ph.D	Wireless Communication	GSSS Institute of Engineering and Technology for Women Mysuru	VTU Belagavi	2025
PG (M.tech)	Digital Electronics and Communication	Dayanda Sagar College of Engineering Bangalore	VTU Belagavi	2013

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UG (B.E)	Electronics and Communication Engineering	P D A College of Engineering Kalaburagi	VTU Belagavi	2007
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Work Experience							
Name of the Institution		Position		From		To	
Faculty of Engineering and Technology (Exclusively for Women), SUK		Assistant Professor		01/01/2019		Till dated	
Godutai Engineering College for Women		Assistant Professor		08/10/2013		31/12/2018	
Total Experience	12 years	Teaching	12 years	Research	6 years	Administration	

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	10		3	2	15
Recent Publications(Journals)					
International Journal of Electrical and Computer Engineering (IJECE) Vol. 14, No. 4, August 2024, pp. 4138~4146 ISSN: 2088-8708, DOI: 10.11591/ijece.v14i4.pp4138-4146(scopus)					
Indonesian Journal of Electrical Engineering and Computer Science with Vol. No. 34, Issue No. 1, Page No.350-361, April 2024 (Scopus)					
SN computer Science, Volume 2, Issue 4 2021(Springer)					
Internatinal Journal of Engineerig ReseaTechnology(IJERT), ISSN:2278-0181, Volume 8, Issue 13, pp.130-134 2020					

Memberships in Professional Bodies	
S.No.	Name of the Professional Body
1.	IETE
2.	IAENG

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Programs Organized	
1.	Technical talk Emerging trends and Opportunities in VLSI domain
2.	Importance of Mental Health

Sl.No.	Training Programmes Attended
1.	FDP on Recent trend in VLSI Design and Embedded system
2.	FDP on Antenna Design and simulation using FEKO simulation tool
3.	FDP on Effective Teaching Learning and Research Skills Towards Global Standards in Higher Education
1.	FDP on Exemplary Practices in Teaching Learning and Education of Courses in Computer Science & Information Technologies(Online)
2.	FDP on Application of LabVIEW in Teaching & Research
3.	FDP on Sensor Technology
4.	FDP on Internet of Things
5.	FDP on Cognitive Radio Antennas & milliMeter Wave Communication
6.	FDP on Wearable Devices & Antenna Technologies for IoT Mobile and Telemedicine Applications
7.	FDP on A Pedagogy for Effective use of 5G communication Networks for Cloud Applications
8.	FDP on Signal Processing for 5G –Algorithms and Implementation
9.	FDP on Emerging Advancement of Wireless Communication and Application of Power Electronics in Smartgrid System
10.	FDP on Realizing a Software Defined Radio using FPGA
11.	FDP on Designing And Implementation Of Software Defined Radios For OFDM, VLS And FSO Communications
12.	FDP on Recent Innovation and Trends in Antenna Design
13.	Workshop on 5G technologies Massive MIMO, Millimeter(mm) wave MIMO, NOMA, Full Duplex(FD), OFDM/FBMC and NB-IoT
14.	Workshop on Antenna Modelling & Simulation using FEKO and IEEE Authorship

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Special Lectures Presented	
1.	
2.	
3.	

Role & Responsibilities	
1.	Personal file Coordinator
2.	NIRF and AISHE Coordinator
3.	M.Tech. Time Table Coordinator