


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

Personal Details	
<b>Name:</b> Shruti V H	
<b>Designation:</b> Assistant Professor	
<b>Department:</b> Electronics and Communication Engineering	
<b>College Address:</b> Dept. of E&CE, Faculty of Engineering and Technology (Exclusively for Women), Sharnbasva University, Kalaburagi	
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<b>Areas of Interest</b>	<b>VLSI design, Embedded Systems and Verilog HDL</b>
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Subjects Taught	
UG	PG
VLSI Circuits	
Power Electronics	
Universal Human Values	
Soft Skills	
Low Power VLSI Design	

Academic Background				
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
<b>Ph.D</b>	Digital Image Processing	Sharnbasva University	SUK	Pursuing
<b>PG (M.tech)</b>	VLSI Design and Embedded Systems	AMC College of Engineering, Bangalore	VTU	August- 2014
<b>UG (B.E)</b>	Electronics and Communication Engineering	KCT College of Engineering, Gulbarga	VTU	June- 2012

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Work Experience							
Name of the Institution		Position		From		To	
Faculty of Engineering and Technology (Exclusively for Women)		Assistant Professor		01-09-2020		Till dated	
Godutai Engineering College for Women		Assistant Professor		1/08/2015		30/08/2020	
<b>Total Experience</b>	10 Years	<b>Teaching</b>	10 Years	<b>Research</b>		<b>Administration</b>	

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	3		1	2	5
Recent Publications(Journals)					
Published paper on Agricultural Crop Recommendation System using IOT and ML in International journal of Research in Applied Science and Engineering Technology Volume 13, Issue V, May 2025					
Published paper on Virtual Fencing using Yolo frame work in an Agricultural field in International journal of Innovative Research and Creating Technology Volume 10, Issue 2, March-April 2024.					
Published paper on Identification of Challenges and Limitations of Current Methods for detection and Segmentation of Brain Tumor in ICIICS; 979-8-3503-1545-5/23/\$31.00 © 2023 IEEE DOI: 10.1109/ICIICS59993.2023.10421293					
Published Paper on “Review on FPGA Based Hybrid Image Fusion model for CT and MRI Images.” in Journal of fundamental & Comparative Research in 2022.					

Memberships in Professional Bodies	
S.No.	Name of the Professional Body
1.	IETE
2.	ISTE
3.	IEEE

Programs Organized	
1.	Organized importance of mental health awareness program on 16/07/2024.
2.	Organized one day quality enrichment and training program on “Introduction to Speech Processing and Project Avenue” on 12/05/2024.

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3.	District Level Declamation Contest on “My Bharat-Viksit Bharat @ 2047”
4.	Organized talk on “VLSI career insights and Opportunities” on 04/06/2023
5.	Two Days FDP on Full Custom and Semi-Custom Design using Cadence Tool from 20/04/2023 to 21/04/2023.
6.	Awareness Program on “Adolescent Health” on 03/03/2022.

Sl.No.	Training Programmes Attended
1.	In-Person NPTEL Awareness Workshop conducted on June 19, 2025 by NPTEL, IIT Madras in association with SUK.
2.	5 Days FDP on Generative AI and Prompt Engineering by EXCELR
3.	10 hours National FDP on “Deep Learning and Artificial Intelligence ”
4.	NPTEL - AICTE FDP on “NBA Accreditation Teaching Learning in Engineering(NATE)”
5.	6 days online UHV -II FDP
6.	3 Days Face to Face UHV FDP
7.	5 days FDP on “Recent Innovations and Trends in Antenna Design”

Special Lectures Presented	

Role & Responsibilities	
1.	Internship Coordinator
2.	Class Coordinator
3.	Social Media Coordinator of E&CE Dept., FETW, SUK