

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

Personal Details	
Name: Shobhana	
Designation: Assistant Professor	
Department: Electronics and Communication Engineering	
College Address: FETW, Sharnbasva University, S.B campus, Vidya Nagar, Kalaburgi 585103	
Contact: 9742310529	
E-mail id(college mail id): shobana.khanapur@sharnbasvauniversity.edu.in	

Areas of Interest	VLSI Design Embedded System Microcontroller Microprocessor Image Processing Analog Circuits Control System
--------------------------	--

Subjects Taught	
UG	PG
Microcontroller	
Analog Circuits	
Control System	
Microcontroller	
VLSI Circuits	
Electronic Instrumentation	
Verilog HDL	
Digital Image Processing	
Basic Electronics	

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

Academic Background				
Degree	Specialization	Name of The Institute	University	Month and Year of Passing
Ph.D				
PG (M.tech)	VLSI Design and Embedded systems	Bellari institute of Technology & Management Bellari	VTU	December 2013
UG (B.E)	Electronics and Communication Engineering	KBN Engineering college kalaburgi	VTU	July 2011

Work Experience				
Name of the Institution	Position		From	To
Godutai Engineering College For Women , Kalaburgi	Assistant Professor		01/08/2014	31/07/2019
Faculty of Engineering and Technology Exclusively For Women, Sharnbasva University, Kalaburgi	Assistant Professor		01/08/2019	Till date
	Teaching	11 Years	Research	Administration

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	03		02		05
Recent Publications (Journals)					

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

A Study on Diabetic Retinopathy using Deep learning applications (ICIICS)
LORA based smart agriculture monitoring system (HBRP publication)
Classification of Diabetic Retinopathy Using Optimization Driven Automated Self-Feature Selected Light Gradient Boosting Mechanism

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

Programs Organized	
1.	Expert talk on Introduction to JAVA
2.	Expert talk on Portfolio Risk Analysis
3.	Exploration and Field trip for problem identification – BUYU Foods
4.	Career guidance on how to prepare for GATE, GRE, and GMAT
5.	Alumni Interaction with Students
6.	Expert talk on “Career Guidance on Benefits of Early Career Planning
7.	Career opportunities after B.Tech
8.	Career Options and necessary tools & Techniques in AI
9.	Civil service as a Career option
10.	Industrial Visit to Defence Research & Development Organization, Hyderabad
11.	Industrial Visit to ISRO
12.	From Lab to Market: Navigating the TRL Journey
13.	Stress Management

Sl.No.	Training Programmes Attended
1.	State level one week FDP on “Effective Teaching Learning and Research Skills Towards Global Standards in Higher Education”.

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

2.	One day workshop on “Use of E-Resources for Teaching and Research”
3.	3 days workshop on “Research Methodology and technical Documentation using Latex”
4.	2 days workshop on “Artificial Intelligence And machine Learning”
5.	Outcome based Education (OBE)”
6.	1 week FDP on “Application of Lab VIEW in Teaching & Research”
7.	Emerging & Transformative Technologies Post Pandemic Era
8.	One day webinar on “Course outcomes for outcome based education (OBE) “
9.	ATAL academy online FDP on “Artificial Intelligence”
10.	ATAL academy online FDP on “Artificial intelligent”
11.	ATAL academy online FDP on “Robotics”
12.	ATAL academy online FDP on “Lab On chip”
13.	One day webinar on “Natural Language processing”
14.	One day webinar on “Recent trends in smart grid”
15.	One day webinar on “DC-DC Converters for Grid Tied HybridElectric Vehicle Applications”
16.	Electric design approach for commercial building
17.	One day FDP on PCB design using Autodesk® fusion 360™
18.	One day webinar on NIRF and ATAL ranking of institution and achievements.
19.	International workshop on “Getting started with flutter”
20.	6 days AICTE-ISTE funded induction /Refresher program (3 rd -phase) on “future wireless communication: standard and technologies”
21.	Two days online workshop on “Recent advancements in biomedical imaging and image processing”
22.	AICTE training and learning (ATAL) academy online elementary FDP on “3D printing and design”
23.	AICTE training and learning (ATAL) academy online elementary FDP on ”Recent advances in photonics”
24.	5 days EV design master class
25.	5 days master class on python programming.
26.	30 days Master class on Artificial Intelligence
27.	Webinar on strategy for managing personal finance
28.	ISTE approved one week FDP on “Simulation tools and research”
29.	2 days national conference on recent trends in engineering and management

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

30.	One day seminar on “Research methodology”
31.	2 days workshop on Research publication and ethics
32.	One day workshop on “Research methodology”
33.	5 days online FDP on Deep learning
34.	5 days FDP on “ Design and implementation of advanced VLSI architecture”
35.	One day webinar on “Research challenges and avenues in photonics”
36.	5 days international FDP on Data analyst
37.	5 days workshop on Artificial intelligence , Machine learning and Deep Learning
38.	One day webinar on “Importance of mental health”
39.	5 days workshop on “ Recent innovations and trends in Antenna design”
40.	5 days online FDP on Cloud Architect
41.	AICTE training and learning (ATAL) academy online elementary FDP on “Smart health care systems: Enhancing patient care with IOT and AI”
42.	2 days Workshop on “ Introduction to Embedded systems and Robotics”
43.	AICTE training and learning (ATAL) academy online elementary FDP on “Applied entrepreneurship and design thinking and innovation for business excellence”
44.	12 Weeks SWAYAM online course (NPTEL) Computer organization and Architecture: A Pedagogical aspect.
45.	12 Weeks SWAYAM online course (CEC) Computer Fundamentals
46.	12 Weeks SWAYAM online course (CEC) Digital Electronics and Microprocessor
47.	12 Weeks SWAYAM online course /FDP(NPTEL) Computer architecture
48.	4 Weeks SWAYAM online course/FDP (NPTEL)Medical Image analysis
49.	4 Weeks SWAYAM online course/FDP (NPTEL) Teaching and learning in general program
50.	12 Weeks SWAYAM online course /FDP(NPTEL) Digital Image Processing
51.	NPTEL E-Awareness Workshop
52.	Presented paper in IEEE International Conference ICIICS-2023, “A study on diabetic Retinopathy using Deep Learning Algorithms”
53.	4 Weeks SWAYAM online course/FDP (NPTEL) Python For Data Science
54.	12 Weeks SWAYAM online course /FDP(NPTEL) NBA Accreditation and Teaching in Engineering (NATE)
55.	12 Weeks SWAYAM online Course / FDP (NPTEL) Cloud Computing

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

56.	NPTEL awareness Workshop
-----	--------------------------

Special Lectures Presented	
1.	

Role & Responsibilities	
1.	Placement Coordinator
2.	SWAYAM Coordinator
3.	Magazine Coordinator
4.	Sports Coordinator