Centenary Celebrated Sharnbasveshwar Vidya Vardhaka Sangha's

ಶರಣಬಸವ
Sharnbasva

ವಿಶ್ವವಿದ್ಯಾಲಯ
University

(Under the agesis of Centenary Celebrated Sharnbasvshwar Vidya Vardhaka Sangha)
Kalaburagi – 585 103 Karnataka, India

FACULTY OF ENGINEERING & TECHNOLOGY (EXCLUSIVELY FOR WOMEN)
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Personal Details	
Name: Dr.Anuradha Patil	
Designation: Associate Professor	
Department: Electronics and Communication Engineering	
College Address: FETW, Sharnbasva University, S.B campus, Vidya Nagar, Kalaburgi 585103	
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E-mail id(college mail id): anuradhapatil.fetw@gmail.com	

Areas of Interest	Analog Electronics Computer Networks DSD AEC M&DE Optical Networks Antenna theory and design ADC Satellite communications Wireless communications

Subjects Taught	
UG	**PG**
Microcontroller	Optical Networks
Analog Circuits	Antenna theory and design
Computer Networks	
Microcontroller	
DSD	
EWA	
ADC	
Digital Image Processing	
M&DE	

Academic Background				
Degree	**Specialization**	**Name of The Institute**	**University**	**Month and Year of Passing**
Ph.D	Image Processing & Computer vision	BKIT, Bhalki	VTU, Belagavi	2022
PG (M .Tech)	VLSI Design and Embedded systems	PDA College of Engineering	VTU	2014
UG (B.E)	Electronics and Communication Engineering	BKIT, Bhalki	VTU	2005

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	12/11/2022
Faculty of Engineering and Technology Exclusively For Women, Sharnbasva University, Kalaburgi	Associate Professor	12/11/2022	Till Date
	Teaching 11.4 Years	**Research** 8	**Administration**

Research Publications					
Total	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**

Number of Publications	08	01	02		11

Recent Publications (Journals)
1. Methods on Real Time Gesture Recognition System, International Journal of Engineering & Technology volume 7, 2018.
2. Automated Hybrid Gesture Recognition for human body skeleton Identification using Feature Extraction and classification techniques, International Journal of Scientific and Technology Research. 2020
3. Design and Performance Metrics of Enhanced ELBP-HOG based hand gesture detection using SVM classifier, Solid State Technology Volume: 63 Issue: 5 Publication Year: 2020(Scopus indexed and Web of Science) Springer,https://doi.org/10.1007/978-981-10-8204-7_42.
4. Multi-Tier Kernel for Disease Prediction using Texture Analysis with MR ImagesIEEE 2022 International Conference

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

Programs Organized	
1.	Organized project exhibition in the eve of women's day celebration from the Department of ECE in the year 2021.
2.	Organized Poster Presentation on "Electronics Innovations" organized on 24th Jan 2024 in ECE department FETW.
3.	Organized 5 days workshop on "Recent Innovations and Trends in Antenna Design" From 3/1/2024 to 7/1/2024
4.	Industrial Visit to ISRO
5.	Industrial Visit to Cotton Industry

Sl.No.	Training Programmes Attended
1.	Scientific Writing For Journals
2.	International Conference on IoT
3.	Research Methodology and Technical Documentation using LaTex
4.	Artificial Intelligence and Machine Learning
5.	Research Opportunities in Electrical Drives

6.	Recent Trends in Electronics and Communication Engineering
7.	Contemporary Trends in Electronics and Communication and computer Science Engineering
8.	"Analysis and Research Aspects of Effect of Stress on Physical and Mental well-being"
9.	Mental Disorder diagnosis using machine learning: Opportunities and
10.	Analysis and Research Aspects of effect of Stress on Physical and Mental Well-Being
11.	AICTE training and learning(ATAL) online FDP on "Block Chain"
12.	AICTE training and learning(ATAL) online FDP on "Internet Of Things"
13.	AICTE training and learning(ATAL) online FDP on "Artificial Intelligence"
14.	AICTE training and learning(ATAL) online FDP on "Robotics Process Automation"
15.	AICTE training and learning(ATAL) online FDP on "Advances in Electronics and Communication Engineering for Industrial Applications"
16.	Webinar on "Recent Trends in Smart Grid"
17.	Webinar on "Natural Language Processing"
18.	One day National Level Online FDP on "New Avenues and Role of Faculty in Effective Implementation of NEP -2020 in HEIs"
19.	Webinar on "DC-DC Converters for Grid Tied Hybrid Electric Vehicle Applications"
20.	Webinar on "NIRF and ATAL ranking of institution and achievements.
21.	One week Online FDP on "PCB Design using Autodesk using Fusion 360
22.	AICTE Sponsored Two weeks Online FDP on "Emerging Trends and Challenges in VLSI Mixed-Signal Processing for fourth industrial Revolution"
23.	Webinar on "Women in Leadership"
24.	Knimbus Online Webinar on "Effective Utilization for Research Publication through Knimbus digital library"
25.	Three days FDP on "Recent Trends in Power Systems and Power Electronics"
26.	One day International workshop on "Getting started with Flutter"
27.	Webinar on "Machine Learning in Healthcare"
28.	Six-days AICTE-ISTE funded Induction / Refresher program (3 rd - Phase) on "Future Wireless Communication: Standards & Technologies".
29.	National Webinar on "Management of E-Resources in Libraries"
30.	Webinar on "Trends in Nano Satellites and PISAT"

31.	30 days Master Class on "Internet of Things"
32.	Workshop on "Recent Advancements in Biomedical Imaging and Image Processing
33.	Online user awareness program on Springer Natute e-Resourses
34.	30 days Master Class on "Artificial Intelligence"
35.	5 days Master Class on "EV Design"
36.	5 days Master Class on "Python Programming"
37.	Online user awareness program on Springer Natute e-Resourses
38.	Webinar on "Strategy for Managing Personal Finance"
39.	One week FDP Programme on "Simulation Tools for Research"
40.	NLP anf chatGPT applications
41.	Deep learning for NLP and computer vision
42.	Web development full stack
43.	Designing and implementation of software defined radios for OFDM, VLS and FSO communication
44.	Recent Innovations & trends in Antenna

Special Lectures Presented
1.

Role & Responsibilities
1. IETE Coordinator
2. Anti-ragging Coordinator
3. Class Coordinator