Personal Details	
Name: Dr. Lakshmi B Patil	
Designation: Professor & Dean	
Department: Electronics and Communication Engineering	
College Address: Faculty of Engineering & Technology (Exclusively for Women), Sharnbasva University, SharanNagar,S B Campus,Kalaburagi.	
Contact:9731794776	
E-mail id :patillakshmi192@gmail.com	

Areasof Interest	Digital Electronics, Digital Image Processing, Basic Electronics, Electromagnetic Field Theory, VHDL, 8051 Microcontroller, 8086 Microprocessor, Research Methodology.

SubjectsTaught	
UG	**PG**
1. Digital Image Processing, 2. Basic Electronics 3. Electromagnetic Field Theory	
4. VHDL 5. 8051 Microcontroller, 6. 8086 Microprocessor 7. Research Methodology	

Academic Background				
Degree	**Specialization**	**Nameofthe Institute**	**University**	**MonthandYear of Passing**
Pd.F	Image Processing		Srinivas University	2022
Ph.D	Image Processing		VTU, Belagavi	2020
PG (M.Tech)	Power Electronics	PDA College of Engineering, Kalaburagi	VTU, Belagavi	2012
UG (B.E)	Electronics and Communication Engineering	Appa Institute of Engineering and Technology, Kalaburagi	VTU, Belagavi	2008

Work Experience				
Name of the Institution	**Position**	**From**	**To**	
Faculty of Engineering & Technology, Sharnbasva University, Kalaburagi.	Dean Sharnbasva University Kalaburagi	12/04/2019	Till date	
Faculty of Engineering & Technology (Exclusively for Women), Sharnbasva University,Kalaburagi.	Professor and Dean FETW ,SUK	01/08/2017	11/04/2019	
Godutai Engineering College for Women, Kalaburagi.	Incharge Principal	05/01/2014	30/07/2017	
Godutai Engineering College for Women, Kalaburagi.	Assoc. Professor	01/10/2013	04/01/2014	
Godutai Engineering College for Women, Kalaburagi.	Asst. Professor	01/05/2012	30/09/2013	
Appa Institute of Engineering and Technology, Gulbarga.	Lecturer	08/08/2008	30/04/2012	
Total Experience	**Teaching** 14 years 10 months	**Research**	**Administration** 11	

ResearchPublications					
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
	14		05		19
RecentPublications(Journals)					

1. ShivgangaPatil and Lakshmi Patil, "*Enhanced Medical Image Reconstruction Using Deep Learning Classification: A High-Resolution, NoiseResilient Approach*", International Journal of Communication Networks and Information Security, 2024, 16(s1) ISSN: 2073-607X,2076-0930 https://ijcnis.org

2. Lakshmi Patil& P. S. Aithal,"*Design and Execution of Face Recognition System by using Genetic Algorithm*", Mathematical Statistician and Engineering Applications ISSN: 2094-

	0343 2326-9865, Page Number: 817-833 Publication Issue: Vol. 71 No. 4 , 2022
3.	Lakshmi Patil1& P. S. Aithal, *"A Robust Algorithm for Face Detection on Unconstrained Background Images using Neural Network"*, International Journal of Special Education Vol.37, No.3, 2022
4.	L. Patil and V. Patil, "*Analysis of Classical and Machine Learning Techniques in Cognitive Radio Network*," 2023 International Conference on Integrated Intelligence and Communication Systems (ICIICS), Kalaburagi, India, 2023, pp. 1-5, doi: 10.1109/ICIICS59993.2023.10421255.
5.	Lakshmi Patil, "*Performance Analysis for Real Time Face Detection using Viola and Jone Algorithm"*, AICTE sponsored International Conference on Recent Trends in Computers, Electronics and Electrical Engineering(ICCEEE2020), St. Peter's Engineering College, Hyderabad, April 28-29, 2020.

Memberships in ProfessionalBodies	
S.No.	**Name of the ProfessionalBody**
1	Senior IEEE Member-96832158
2	Chairperson IETE Kalaburagi Centre
3	ISTE Life membership-LM077155
4	IETE member-F502234

Programs Organized	
1.	Five days SDP on Code Smarter with Python : A journey from Basics to Building organized by Sharnbasva University in association with NAIN, K-tech
2.	International Conference on MultidisciplinaryResearch(ICMR),29th July, 2025
3.	One day Seminar on Application of AI in Biometrics in association with IEEE ON 4th February,2025

4.	Health Awarness Program on Cervical Cancer Vaccination under ISTE ON 5th February ,2025
5.	Entrepreneurship Development Awarness Program in association with IETE by Padma Shri Dr. Vijay SankeshwarJi on 3rd February,2025
6.	Entrepreneurship Awarness Program in association with MSME,IETE,IIC ON 24th January ,2025
7.	One day seminar on **"Design Awareness Program for MSMEs & Students",** 7th February 2024
8.	International Conference on Integrated Intelligence and Communication Systems (ICIICS), Kalaburagi November 22nd and 23rd November 2024
9.	Work Integrated Learning Program in association with MSME,IETE,IIC on 21st December,2024
10.	International Seminar on Distributed and Intelligent Communication Networks under IEEE,ISTE,IETEo 6th August,2024
11.	Regional Hackthon in association with IETE,IIC, MSME ON 1st August ,2024
12.	FDP on,"Recent Innovation and Trends in Antenna Design", 3rd to 7th January 2024
13.	FDP on, "Design and Implementation of Software Defined Radios for OFDM,VLC and FSO Communication", 3rd to 7thoctober 2023
14.	International Conference on Integrated Intelligence and Communication Systems (ICIICS), Kalaburagi November 20th and 22nd November 2023
15.	Seminar on "Research Methodology" in association with IEEE Womens in Engineering Affinity Group on 7th May 2022
16.	One Week Faculty Development Program on"Big Data Analytics with Hadoop"9th March 2022-13th March 2022, In association withIEEE Women in Engineering Affinity Group Chapter, IEEE Bangluru Section
17.	National Research Conference on Engineering, Business Management, Sciences, Humanities & Social Sciences – 6th March 2022 (NRCEBSHS-2022), in association with IETE Sub Center Kalaburagi.
18.	National Conference on Recent Trends in Engineering and Management Studies 12th and 13th April 2022 (RTEMS- 2022), in association with Sharnbasva University Kalaburagi.

19.	Workshop on "Hands-on workshop on Machine Learning with Python", dated 24th April – 26th April 2021
20.	Foundation Day, International Women's day, Fest
21.	Workshop on Artificial Intelligence and Machine Learning dated12[th] and 13th April 2019.

Sl.No.	TrainingProgrammesAttended
1.	"Embedded C putting Systems" at Dept. of CSE, R.L.JalappaInstitutre of Technology, Kodigehalli, Doddaballapur from 03-08-2009 to 05-08-2009
2.	"Vector Control of Induction Motor" at VTU Belgaum from 17-03-2011 to 19-03-2011
3.	"Recent Trends in Communication System(As a Resource Person)" at VSM's Somashekar R Kothiwale Institute of Technology, NIPANI from 04-06-2020 to 4-06- 2020
4.	"IIT kanpur Intensive Training School(ITS) on PYTHON for Machine Learning ,Neural Networks and Deep Learning" at EE Department, IIT Kanpur from 10-09-2022 to 30-09-2022
5.	"Intel @ Unnati training on Artificial Intelligence , Machine Learning and Deep Learning" at Intel @ Unnati Data –Centric Labs in Emerging Technologies Bangalore from 05-07-2023 to 09-05-2023
6.	"IIT kanpur Intensive Training School(ITS) on PYTHON for Machine Learning ,Neural Networks and Deep Learning" at EE Department, IIT Kanpur from 02-12-2023 to 22-12-2023

SpecialLectures Presented	
1.	"Recent Trends in Communication System(As a Resource Person)" at VSM's Somashekar R Kothiwale Institute of Technology, NIPANI from 04-06-2020 to 4-06- 2020
2.	

Role & Responsibilities	
1.	Dean ,Faculty of Engineering & Technology (Exclusively for Women), and Sharnbasva University Kalaburagi from 12/04/2019 to Till date.
2.	Dean ,Faculty of Engineering & Technology (Exclusively for Women), Sharnbasva University Kalaburagi from 01/08/2017 to 11/04/2019.
3.	Incharge Principal Godutai Engineering College for Women, Kalaburagi from 05/01/2014 to 30/07/2017

4.	Member, Board of Studies, Sharnbasva University, Kalaburagi .
5.	IEEE Senior Member
6.	Session chair for various IEEE Conference.
7.	Organizing Chair of IEEE Conference at our Sharnbasva University Kalaburagi
8.	Session Chair for ICWITE 2024
9.	TPC and Organizing member for ICWITE 2024
10.	Branch Counselor of Our Sharnbasva University from 2021 till date...
11.	Faculty Advisor of IEEE WIE Affinity Group of our Sharnbasva University Kalaburagi