

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

Personal Details	
Name: Prof. Laxmi Patil	
Designation: Assistant Professor	
Department: Electronics and Communication Engineering	
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Areas of Interest	Image Processing VLSI Design Digital Electronics Microcontroller
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Subjects Taught	
UG	PG
Digital System Design	Wireless & Mobile Networks
Microcontrollers	Operation Research
Electronics Circuits and Logic Design	
Professional Ethics	
Verilog HDL	
Robotics	

Academic Background				
Degree	Specialization	Name of The Institute	University	Month and Year of Passing
Ph.D (Pursuing)	Image Processing	Sharnbasva University, Kalaburagi	SUK Kalaburagi	Pursuing
PG (M.Tech)	VLSI System Design	Bhandhari Srinivas Institute of Technologies, Sanga Reddy	JNTU Hyderabad	December 2014
UG (B.E)	Electronics and Communication Engineering	Rural Engineering College Bhalki	VTU Belagavi	July 2011

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Work Experience							
Name of the Institution		Position		From		To	
Faculty of Engineering and Technology (Exclusively for Women), SUK		Assistant Professor		01/08/2019		Till date	
Godutai Engineering College for Women		Assistant Professor		01/08/2014		31/07/2019	
Total Experience	11 years	Teaching	11 years	Research	4 years	Administration	0

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	5				5
Recent Publications (Journals)					
Journal of Computational Analysis and Applications (JOCAAA) Vol. 33, No. 8, December 2024. https://eudoxuspress.com/index.php/pub/article/view/2352					
International Journal of Creative Research Thoughts (IJCRT) Volume 13, Issue 4 April 2025 ISSN: 2320-2882					

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

Programs Organized	
1.	Design awareness program for innovating MSMEs
2.	Regional Hackathon
3.	Business plan validation for young entrepreneurs
4.	Work integrated learning program
5.	Entrepreneurship awareness program
6.	From Lab to Market: Navigating the TRL journey
7.	Introduction to JAVA

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8.	Carrier opportunities after B.Tech
9.	Civil service as carrier option.
10.	Stress Management
11.	Exploration and field trip for problem identification-BUYU Foods
12.	Industrial Visit to DRDO Hyderabad

Sl. No.	Training Programmes Attended
1.	State level one week Faculty development program on “Effective Teaching Learning and Research Skills Towards Global Standards in Higher Education”
2.	State level one week Faculty development program on “Emerging Trends in Teaching, Learning and Research”
3.	State level one week Faculty development program on “Effective Teaching Learning and Research Skills Towards Global Standards”
4.	One day workshop on “Use of E-Resources for teaching & research”
5.	Three days workshop on “Research Methodology & Technical Documentation using Latex”
6.	Two days workshop on “Artificial Intelligence & Machine Learning”
7.	Webinar on “Energy & Environment Problems Facing the Third World & their Probable Solutions for Sustainable Development & Poverty Alleviation”
8.	Webinar on “Natural Language Processing”
9.	Webinar on “DC-DC Converters for Grid Tied Hybrid Electric Vehicle Applications”
10.	One week Online FDP on “PCB Design using Autodesk using Fusion 360”
11.	AICTE sponsored six days virtual short term training programme (STTP) on “Applications of Artificial Intelligence Towards Industry 4.0”
12.	One week ATAL Online FDP on “Internet of Things(IOT)”
13.	Two weeks online FDP on “Emerging trends & challenges in VLSI mixed-signal processing for fourth industrial revolution”
14.	Knimbus Online Webinar on “Effective Utilization for Research Publication through Knimbus digital library”
15.	One week online FDP on “Machine learning & Its Applications”
16.	Webinar on “Implementation of National Education Policy-2020”

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17.	One day International workshop on “Getting started with Flutter”
18.	Webinar on “Machine Learning in Healthcare”
19.	Six-days AICTE-ISTE funded Induction / Refresher program (3 rd - Phase) on “Future Wireless Communication: Standards & Technologies”.
20.	National Webinar on “Management of E-Resources in Libraries”
21.	Webinar on “Trends in Nano Satellites and PISAT”
22.	One week ATAL Online FDP on “Artificial Intelligence”
23.	Online user awareness program on Springer Natute e-Resourses
24.	5 days Master Class on “EV Design”
25.	Online user awareness program on Springer Natute e-Resourses
26.	One week FDP Programme on “Simulation Tools for Research”
27.	One day seminar on Research Methodology
28.	Two days workshop on Research & Publication Ethics
29.	One day workshop on Research Methodology
30.	One day training program under National intellectual property awareness mission
31.	Three days faculty development program on ‘Idea generation methods’
32.	5 Day’s Online International Faculty Development Program on Data Analyst
33.	Five days online FDP on Deep Learning
34.	Honeywell Student Empowerment Program
35.	Introduction to Python Programming & its Applications
36.	DATA ANALYST
37.	One week FDP on Recent trends in AI & ML
38.	Importance of Mental Health
39.	Deep Learning for NLP and Computer Vision
40.	Teaching and Learning in general programs: TALG
41.	Recent Innovations and Trends in Antenna Design
42.	NBA Accreditation and Teaching-Learning in Engineering (NATE)

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43.	Smart Healthcare Systems
44.	Applied Entrepreneurship, Design Thinking and Innovation for Business Excellence
45.	Two days' workshop on Embedded systems and Robotics
46.	NPTEL Awareness Workshop

Special Lectures Presented

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Role & Responsibilities

1.	Time table Coordinator
2.	8 th sem class coordinator
3.	Project Coordinator