Personal Details	
Name: Ambika	
Designation: Asst. Professor	
Department: Electronics and Communication Engineering	
College Address: FETW, Sharnbasva University, Kalaburagi	
Contact: 9886599909	
E-mail id(college mail id): ambika13891@gmail.com	

Areas of Interest	Microcontroller and Embedded System Communication System

Subjects Taught	
UG	**PG**
Microcontroller	
Network Analysis	
Power Electronics	
Basic Electronics	
Arm cortex M3 & embedded system	
Digital Switching system	

Academic Background				
Degree	**Specialization**	**Name of The Institute**	**University**	**Month and Year of Passing**
Ph.D (Pursuing)	Communication System	Sharnbasva University, Kalaburagi	SUK Kalaburagi	
PG (M.tech)	Digital Communication & networking	Godutai Engineering College for Women	VTU, Belagavi	Aug, 2015
UG (B.E)	Electronics & Communication	The Oxford College of Engineering	VTU, Belagavi	Aug, 2013

	Engineering		

Work Experience			
Name of the Institution	**Position**	**From**	**To**
Godutai Engineering college for women, Kalaburgi	Asst. Professor	01/08/2016	30/8/2021
Sharnbasva University Kalaburagi Faculty of engineering and technology(Exclusively for women)	Asst. Professor	1/09/2021	Till date
Total Experience	9	**Research** 0	**Administration** 0

Research Publications					
Total Number of Publications	**International Journal** 2	**National Journal**	**International Conference**	**National Conference**	**Total** 2
Recent Publications(Journals)					
"Implementation of DSSS system using Chaotic sequence using MATLAB and VHDL" in **International journal of computer science and mobile computing(IJCSMC, Vol.4, Issue. 5, May 2015, pg..598-607)**					
"Pre-paid Electric Energy Meter with theft alert" in Journal of Resesrch & advancement in Electrical Engineering Volume 8 Issue 3, Sep-Dec 2025					

Memberships in Professional Bodies	
S.No.	**Name of the Professional Body**
1.	**Member of International Association of Engineers(IAENG) Member no:315681**

	Programs Organized
1.	

Sl.No.	Training Programmes Attended
1.	Research methodology & technical documentation using latex
2.	Artificial intelligence & machine learning
3.	One week fdp on "exemplary practices in teaching-learning and evaluation of courses in computer science and information technology"
4.	Introduction to itrd, the technology roadmap of power electronics for ders
5.	1 day national webinar on "national education policy 2020: prospects and challenges in higher education"
6.	1 day national webinar on "effects of widowhood on women's work"
7.	Understanding national education policy 2020
8.	3 days national level online fdp on "data science using python"
9.	Webinar on "iot applications in automobiles and manufacturing industries"
10.	National level webinar on "effective and efficient writing of research papers for vthe web of science, scopus indexed journal and conference papers using typeset research studio"
11.	Webinar on "introduction to it security techniques: a strategic approach to cyber science and engineering"
12.	Aicte sponsored one week online sttp on "smart city:recent developments in smart city"
13.	1 day national workshop on "use of ict in teaching and learning program"
14.	Leveraging machine learning to drive innovation process
15.	Aicte sponsored virtual sttp "awareness of intellectual property rights for engineers

	and industrialists"
16.	1 day national webinar on "national education policy 2020: prospects and challenges in higher education-vocational education and nep 2020"
17.	Webinar on "stress management"
18.	National level webinar on "quality enhancement for higher naac grade & related proper documentation"
19.	National seminar on "impact of ict on teaching and learning"
20.	One day international workshop on "e-waste:awareness and its management"
21.	Six days online fdp on "machine learning and its application in iot"
22.	International webinar on "guidelines for writing research article"
23.	International webinar on empowerment of human life with internet of things
24.	Nep 2020:prospects and challenges in higher educationinclusivity and innovation in education
25.	Webinar on know your rights-legal protections for women in india
26.	Webinar on nep-2020
27.	International webinar on crisis of security challenges: a global concern
28.	International webinar on internet and children
29.	Machine learning and its application in iot
30.	Webinar on quality enhancement for higher naac grade and related proper documentation
31.	Fdp on sensors technology
32.	Sttp on applications of artificial intelligence towards industry 4.0
33.	Fdp on photonics
34.	Fdp on iot
35.	Sttp on microwave passive circuits and antennas: design, simulation and measurements
36.	NEP 2020: prospects and challenges in higher education- leadership, governance and teachers-NEP 2020, new approach
37.	Webinar on effective utilization for research publication through knimbus digital library
38.	Sttp on microwave passive circuits and antennas: design, simulation and measurements
39.	Speech emotion recognition:benchmarks and ongoing trends

40.	International workshop on wireless modules
41.	Sttp on machine learning applications to iot
42.	NEP 2020: prospects and challenges in higher education- leadership, governance and teachers-NEP 2020, new approach
43.	Webinar on effective utilization for research publication through knimbus digital library
44.	Sttp on integrating iot with FPGA and silicon on chip
45.	Webinar on intellectual property rights
46.	Sttp on iot and machine learning
47.	Webinar on E-Resources in libraries
48.	Fdp on advances in ece for industrial application
49.	Fdp on a2z of NBA accreditation process
50.	Webinar on SIW antennas for 5g applications
51.	Fdp on signal processing for 5g-algorithms and implementation
52.	Fdp on research issues in vlsi design and testing
53.	Webinar on mentor graphics & semi-custom design flow
54.	Webinar on trends in nano satellites & pisat
55.	Faculty knowledge sharing programme on how to write a research paper in scopus listed journals
56.	Fdp on recent trends in cyber security & blockchain technology
57.	Seminar on research methodology
58.	Awareness program on energy efficiency, energy conservation & usage of renewable sources
59.	National conferene on recent innovations on multidsciplinary research
60.	Webinar on services sector in post pandemic-challenges and opportunities
61.	One week FDP on Amazon Web Services
62.	Awareness programme on blood donation
63.	National Intellectual Property Awareness Mission
64.	2 day online workshop on Quantum computing and communication : New Paradigm
65.	Research challenges and avenues in Photonics
66.	Webinar on importance of mental health
67.	Deep learning for NLP & computer vision
68.	Vlsi to system design: silicon to end application approach

69.	RTL to GDSII using cadence tools
70.	NLP & chatGPT applications
71.	Fdp on cloud infrastructure(AWS)
72.	Learning for NLP and computer vision
73.	Machine learning & Artificial Intelligence
74.	Data Analytics with Excel-Basics to Advanced
75.	NLP, Computer Vision & Artificial Intelligence
76.	Big Data Analytics
77.	ChatGPT & Prompt Engineering
78.	Blockchain Engineering
79.	Latest Trend & Techniques in Software Engineering
80.	Business Analytics
81.	Data Visualization Using Tableau
82.	GenAI & Prompt Engineering using Microsoft Copilot
83.	NBA Accreditation & Teaching-Learning in Engineering (NATE)
84.	AI and Gen AI with Industry Application
85.	Recent advancements in AI & IOT-Industry perspective
86.	Internet of things for sustainable development

Special Lectures Presented
1.

Role & Responsibilities
1. CIE Cordinator

2.	Marks card Incharge