


H.K.E Society's

**Poojya Doddappa Appa College of Engineering, Kalaburagi**

**FACULTY PROFILE FORMAT**

<b>Personal Details</b>	
<b>Name: Padmapriya Patil</b>	
<b>Designation: Assistant Professor</b>	
<b>Department: Electronics and Communication Engineering</b>	
<b>College Address: P.D.A College of Engineering, Kalaburgi</b>	
<b>Contact: 9481540316</b>	
<b>E-mail id(college mail id): padmapriyapatil@pdaengg.com</b>	

<b>Areas of Interest</b>	Digital Communication and Networking, Reverse Engineering, Parallel programming with Multicore Architectures
--------------------------	--

<b>Subjects Taught</b>	
<b>UG</b>	<b>PG</b>
Basic Electronics	Error Control Coding
Digital Electronics	Wireless Communication
Computer Communication Networks	Cryptography and Network Security
Python and Shell Scripting	High Performance Computing
Satellite Communication	CMOS VLSI design
Wireless Communication	Formal Models in Computer Science
HDL, VLSI	
Digital Communication, Analog Communication	
Microprocessors, Microcontrollers	
Essentials of Information Technology	
Computer Organization	
Data Structures using C++	
Internet of Things	
Digital Signal Processing	
Information Theory and Coding	

Academic Background				
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
Ph.D	Computer Science and Engineering	BITM, Ballari	VTU	Completed Colloquium
PG (M.tech /M.E)	Computer Networking	BITM, Ballari	VTU	August 2010
UG (B.Tech/B.E)	Electronics and Communication Engineering	P.D.A College of Engineering, Kalaburgi	VTU	July 2003

Work Experience							
Name of the Institution		Position		From		To	
P.D.A College of Engineering, Kalaburgi		Lecturer, Assistant Professor		27.07.2004		Till date	
<b>Total Experience</b>	17 years	<b>Teaching</b>	17 years	<b>Research</b>	5	<b>Administration</b>	

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		14	-	8	2
Recent Publications (Journals)					
1.	<p>“Abstraction of functional Modules from a Legacy ‘C’ program using Program Slicing”            Published in ‘International Journal of Perspectives in Communication, Embedded Systems, and Signal Processing- PiCES’, Page No.: 39-44. Published online: August 5,2020            Indexed: Google Scholar and German National Library (DNB).            DOI: <a href="https://doi.org/10.5281/zenodo.3974568">https://doi.org/10.5281/zenodo.3974568</a></p>				
2.	<p>“Realization of Parallelism in a Sequential Legacy ‘C’ Program”            Paper Published in the ‘International Journal of Recent Technology and Engineering (IJRTE)’.            Retrieval Number: B4158079220/2020©BEIESP DOI:10.35940/ijrte.B4158.079220</p>				

<b>Memberships in Professional Bodies</b>	
<b>S.No.</b>	<b>Name of the Professional Body with Membership ID</b>
1.	ISTE: Indian Society for Technical Education – LM 104705
2.	IETE: The Institute of Electronics and Telecommunication Engineers- M-235703
3.	IEI: Institute of Engineers India – M-1681804

<b>Programs Organized</b>	
1.	Organized an STTP on Robotics and Arduino with Embedded C Programming-A Hands-On Experience

<b>Training Programs Attended</b>	
1	Online FDP on SCILAB- An Open Source Substitute for MATLAB
2	IIT Bombay Spoken Tutorial Sponsored one week FDP on R Programming
3	IIT Bombay Spoken Tutorial Sponsored One Week FDP on MOODLE Learning Management System
4	AICTE Sponsored One week STTP on Soft Computing Techniques in Engineering Applications
5	AICTE Sponsored One Week STTP on Development Research and Development Culture in Industry Institute Interaction Oriented Modern Teaching Learning and Project Based Learning
6	AICTE Sponsored one week STTP on Teaching Learning Pedagogies
7	AICTE Sponsored Online STTP on Internet of Things (IoT) for Emerging Engineering Applications
8	One Week FDP on Big Data Management: An End-to-End Perspective
9	ISE Sponsored One Week FDP on LaTeX and its Application for Researchers
10	One Week Online FDP on Deep Learning and its Applications : Theory to Practice
11	One Week Virtual FDP on Challenges and Opportunities in AI and ML
12	Online FDP on Microcontroller and Analog and Digital Electronics
13	CSI Sponsored One Week FDP on Data Science Concepts – Theoretical and Practical Approach
14	IIT Bombay Sponsored Two Week FDP on Python
15	TEQIP-III Sponsored Two Week FDP on Fabrication of Electronics Devices using Nanomaterials
16	One week online FDP on Contemporary Research Trends in Electronics and Communications and Computer Science
17	Skill to Hire Sponsored Three Days workshop on Web Development
18	TEQIP- III sponsored one week STTP on Machine Learning

19	TEQIP- III sponsored one week STTP on Power Electronics and drives
20	AICTE Sponsored two weeks FDP Bio Medical signal processing and cognitive analysis

### Special Lectures Presented

1.	Lecture on Engineering for Change in the Institute of Engineers on 15 <sup>th</sup> September 2019
2.	Lecture on Role of Engineers for the change in society in Rotary Club, Kalaburgi on 17 <sup>th</sup> September 2019
3.	Lecture on Energy Aware High Performance Computation Systems
4.	Lecture on Internet of Things

### Role & Responsibilities

1.	College Gate Coordinator
2.	Chairman BOE 2019-2020, Member BOE 2017-2019
3.	Member BOS, ECE
4.	College Coordinator, Training for Trainers, ERP Samarth
5.	College Coordinator for FDP, MOU

