




H.K.E Society's
Poojya Doddappa Appa College of Engineering, Kalaburagi
FACULTY PROFILE FORMAT

Personal Details	
Name: Sridhara K	
Designation: Assistant Professor	
Department: Electronics and Communication Engineering	
Date of Joining: 07/07/2003	
Regular/Contractual: Regular	
Contact: 9448941039	
E-mail id(college mail id): sridhark@pdaengg.com	

Areas of Interest	VLSI Circuits, Low Power VLSI, Embedded Systems, IOT
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Subjects Taught	
UG	PG
Digital Electronics	Linear Algebra
Signals and Systems	Real Time Operating Systems
Analog Communication	Error Control Coding
Digital Communication	Embedded Systems
Information Theory and Coding	

Academic Background				
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
Ph.D	Low Power VLSI	P D A College of Engineering, Kalaburagi	Visveswaraya Technological University, Belagavi	December 2020
PG (M.tech /M.E)	Electronics Design and Technology	IISc Bangalore	IISc Bangalore	May 2010
UG (B.Tech /B.E)	Electronics and Communication	J N N College of Engineering, Shivamogga	Kuvempu University	November 2001

Work Experience							
Name of the Institution		Position		From		To	
P D A College of Engineering, Kalaburagi		Lecturer		07/07/2003		31/12/2005	
P D A College of Engineering, Kalaburagi		Assistant Professor		01/01/2006		Till date	
Total Experience	18 years 10 months	Teaching	18 years 10 months	Research	4 years	Administration	

Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
		18	02	04	02
Recent Publications (Journals)					
1.	Power Allocation for Hybrid Overlay/Underlay Spectrum Sharing in Cognitive Radio Network, <i>Journal of Chengdu University of Technology, 2021</i>				
2.	Lossless Image Compression Technique Using Neural Networks, <i>Journal of Chengdu University of Technology, 2021</i>				
3.	Performance Analysis and Design of 6T SRAM cell using Different Circuit Techniques, <i>International Journal of Advanced Science and Technology, 2020</i>				
4.	Analysis and Design of 6T and 8T SRAM cell using LECTOR approach, <i>International Journal of Advanced Science and Technology, 2020</i>				
5.	Design of Single Band 60GHz Millimeter Wave Patch Antenna, <i>International Journal of Research in Electronics and Computer Engineering (IJRECE), 2019</i>				

6.	Design and Implementation of Wideband Microstrip Patch Antenna for WLAN Applications, Laxmibai, Sridhara K, International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), 2018
8.	Leakage Reduction and Analysis of CMOS D FF, <i>International Journal of Emerging Technology in Computer Science and Electronics</i> , 2016

Memberships in Professional Bodies	
S.No.	Name of the Professional Body with Membership ID
1.	Fellow IETE, F-170067
2.	Member IE, M-1583896

Programs Organized	
1.	One week FDP on Software Defined Radio and Antenna Design and Simulation from 2 to 6 th November 2015
2.	Two days Workshop on Labview Simulation Software and Its Workstations from 27 to 28 th January 2017
3.	One week STTP on Robotics and Arduino using Embedded System Programming- A Hands on Experience from 26 to 30 August 2019
4.	One week FDP on Advanced Embedded Systems and IOT Applications from 6 to 13 November 2020

Awards	
1.	Participated in e-Yantra Task based training (TBT) for teachers conducted by IIT Bombay and have been awarded Class B Award for completing the required task

Training Programmes Attended	
1.	Two days workshop on NPTEL SPOC Workshop from 18 to 19 th January 2019 organized by IIT Chennai
2.	Two days workshop on e-Yantra Lab set up initiative from 24 to 25 th April 2019 organized by IIT Bombay
3.	One week FDP on Electric Vehicles-Controls, Motors, Storage and Technologies from 3 to 7 th September 2019 organized by P D A College of Engineering, Kalaburagi
4.	One week AICTE STTP on Medical Signals, Processing and Analysis for Cognitive Research: A Practical Approach from 27 th January to 1 st February 2020 organized by P D A College of Engineering, Kalaburagi
5.	5 days online Professional Development Program on Management Development Program from 11 to 15 January 2021 organized by IIM Kozhikode
6.	One week online ATAL FDP on Sustainability Engineering from 8 to 2 February 2021 organized by P D A College of Engineering, Kalaburagi

7	One week online ATAL FDP on An insight to Biomedical Instrumentation, Biomedical Signal and Image Processing with hands on experience and LabView Programming from 2 to 6 August 2021 organized by P D A College of Engineering, Kalaburagi
8	Three days Industry Institute Interaction workshop on Embedded Systems-A Hands on Approach from 21 to 23 September 2021 organized by P D A College of Engineering, Kalaburagi

Special Lectures Presented

1.	Guest lecture for 5 th Batch Wireless Probationary PSI's of Police Training College, Kalaburagi, between November 2020 to February 2021.
2.	Guest lecture for 6 th Batch Wireless Probationary PSI's of Police Training College, Kalaburagi, between December 2021 to February 2022.

Role & Responsibilities

1.	Institute SPOC for NPTEL IIT Chennai
2.	Department Research Co-Ordinator
3.	Member BOS, Member BOE
4.	Department Procurement In charge