Poojya Doddappa Appa College of Engineering, Kalaburagi

FACULTY PROFILE FORMAT

Personal Details	
Name: Pratik Shankar	
Designation: Assistant Professor	
Department: Electronics and Communication Engineering	
Date of Joining: 02-11-2019	
Regular/Contractual: Regular	
Contact: 9738920414	
E-mail id(college mail id): pratikshankar@pdaengg.com	

Areas of Interest	VLSI Design and Embedded Systems, Verilog HDL, Low power VLSI, AI and ML.

Subjects Taught	
UG	**PG**
Wireless Communication	Research Methodology
Digital Design using Verilog HDL	Error Control Coding
	Wireless Adhoc and Sensor Networks
	Real-time Embedded Systems

Academic Background				
Degree	**Specialization**	**Name of the Institute**	**University**	**Month and Year of Passing**
Ph.D				
PG (M.tech /M.E)	VLSI Design and Embedded Systems	SJB Institute of Technology, Bengaluru	Visvesvaraya Technological University, Belagavi	August 2017
UG (B.Tech /B.E)	Electronics and Communication Engineering	BVB College of Engineering and Technlogy, Hubballi (KLE Technological University, Hubballi	Visvesvaraya Technological University, Belagavi	August 2015

Work Experience			
Name of the Institution	**Position**	**From**	**To**
PDA College of Engineering, Kalaburagi	Assistant Professor	November 2019	Present

Total Experience	01	**Teaching**	01	**Research**		**Administration**	

Research Publications					
Total Number of Publications	**International Journal**	**National Journal**	**International Conference**	**National Conference**	**Total**
		01		01	
Recent Publications (Journals)					
1.	Design of Smart Health Monitoring and Alert System using IoT - Pratik Shankar, Dr. Mallikarjuna Swamy, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5 Issue V, May 2017, ISSN: 2321-9653				
2.	Design of an Integrated Body Vitals Measuring System using IoT – Pratik Shankar, Dr. Prabhudev M.S, 48th ISTE National Annual Faculty Convention – 2019 on "Technical Education for Smart Society", 19th and 20th March 2019				

	Memberships in Professional Bodies
S.No.	**Name of the Professional Body with Membership ID**
1.	Institute of Engineers India (IEI), AM1782307
2.	
3.	
4.	

	Training Programmes Attended
1.	Attended AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Quantum Computing**" organised by Gandhi Institute Of Technology And Management (Gitam), Bengaluru**.**
2.	Attended AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Smart Cities**" organised by Lendi Institute Of Engineering And Technology**.**
3.	Attended AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Towards 5G Communications & Beyond with IoT, Machine Learning**" organised by Goa College Of Engineering**.**
4.	Attended AICTE Training And Learning (ATAL) Academy **Online** FDP on "**Artificial Intelligence**" organised by Poojya Dodappa Appa College of Engineering**.**
5.	Attended National Level **Online** FDP on "**Emerging Trends in Automotive Embedded Systems**" organised by Department of Electronics and Telecommunication, Bangalore Institute of Technology. **.**
6.	Attended One Week National Level **Online** Short Term Training Program on "**Research Methodology**" organised by Dr. M.G.R Educational and Research Institute.

	Role & Responsibilities
1.	Department Co-ordinator, Virtual Lab, PDACEK
2.	Department Co-ordinator, Website, PDACEK