



Pooja Katakote Dr. Dababini S. Appa
President, Sharnbasveshwar Vidya Vardhaka Sangha
Chandola, Sharnbasveshwar University, Kalaburagi



Pooja Chiranjeevi Daddappa Appa
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ಶರಣಬಸವ
Sharnbasva
ಕಲಬುರಗಿ-585 103
ಕರ್ನಾಟಕ-ಭಾರತ
ಸ್ಥಾಪನೆ : 2017



ವಿಶ್ವವಿದ್ಯಾಲಯ
University
Kalaburagi-585 103
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Estd.: 2017



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Mahadevappa Godutai
Daddappa Appa

FACULTY PROFILE

PERSONAL DETAILS	
Name	Dr. Asharani Patil
Designation	Associate Professor & PG Coordinator
Department	Electronics & Communication Engineering
Qualification	B.E (ECE), M.Tech.(Communication Systems), Ph.D
Date of Joining	1 st August 2018
Nature of Association	Regular
Contact No.	+91 9620256615
Email id	asharanipatil@suk.edu.in

ACADEMIC DETAILS				
Sl.No.	Name of the Degree	University/Board	Part Time/ Full Time	Year of Graduation/Award
01	Ph.D	VTU, Belagavi	Part Time	2021
02	M.Tech.	VTU, Belagavi	Full Time	2011
03	B.E	VTU, Belagavi	Full Time	2009

PROFESSIONAL DETAILS					
Sl.No.	Post Held	Organization	Period		Total Experience
01	Associate Professor & PG Coordinator	Sharnbasva University, Kalaburagi	2024	Till date	15. 5 years
02	Associate Professor	Sharnbasva University, Kalaburagi	2018	2023	
03	Associate Professor	Godutai Engineering College for Women, Kalaburagi	2015	2018	
04	Assistant Professor	Godutai Engineering College for Women, Kalaburagi	2012	2015	
05	Assistant Professor	Appa Institute of Engineering & Technology, Kalaburagi	2011	2012	
Area of Interest					
4G and 5G Communication & Detection, Optical Networks, Internet of Things, Artificial Intelligence and Machine Learning					

Citation Metrics		
h-Index	i10 Index	Total Citations
2	0	07

RESEARCH PUBLICATIONS					
National Journals	International Journals	National Conferences	International Conferences	Scopus/Web of Science Publications	Total
01	02	02	09	06	20

BOOK PUBLISHED		
SL. No.	Title of the Book	ISBN number
01	Python and AI Driven Scripting for Electronic Design Automation	9789367172513

RESEARCH WORK FOR PATENTS			
SL. No.	Patent No.	Title	Status with Date
01	202141048434	A NANOTECHNOLOGY BASED SYSTEM FOR BOOSTING THE FERTILITY USING IONT	Published 29/10/2021
02	418256 - 001	5G BASED WIRELESS SENSOR NETWORK DEVICE FOR ENVIRONMENT MONTIORING	Published 05/07/2026
03	202411066623	MACHINE LEARNING BASED ANOMALY DETECTION IN ELECTRONIC COMMUNICATION NETWORKS.	Published 20/09/2024
04	6441339	COMPUTER DEVICE FOR CLASSROOM EDUCATION AND DATA MANAGEMENT INTERNATIONAL	Published 01/05/2025
05	202541112732	METHOD AND SYSTEM FOR AI-GUIDED OPTIMIZATION OF VLSI CIRCUIT LAYOUTS	Published 05/12/2025

PROFESSIONAL BODY MEMBERSHIP	
Sl. No.	Name of the Professional Body
01	IEEE Senior Member: 97962530
02	IETE Fellow Member: 506890
03	IAENG Member: 315652
04	VIDWAN ID : 667170

RESEARCH SUPERVISION DETAILS				
Sl. No.	Name of the Scholar	Title	Year of Registration	Status
-	-	-	-	-

FDP/SEMINAR/WORKSHOP/CONFERENCE ORGANIZED		
Sl. No.	FDP/SEMINAR/WORKSHOP/CONFERENCE	Number
01	Faculty Development Program	06
02	International / National Conference	04
03	National Level Seminar	09
04	Student Development Program	04
0	STEM Program/ Outreach Program	08

AREA OF INTEREST
4G and 5G Communication & Detection, Optical Networks, Internet of Things, Artificial Intelligence and Machine Learning

SUBJECTS TAUGHT
• Network Analysis • Control Systems • Signal and Systems • Analog and Digital Communication • Basic Electronics, • Internet of Things, • Information Theory and Coding • Cryptography and Network Security • Electromagnetic Theory • Logic Design • Optical Communication • Microwave Communication • Artificial Intelligence • Artificial Intelligence & Machine Learning • Optical Fiber Communication • Wireless Communication • LTE 4G Broadband Communication • Antenna Theory and Design • Real Time Embedded System • Optical Networks • Probability Random Process • Advanced Digital Signal Processing • Advanced Computer Networks • Introduction to 5G • Wireless and Mobile Networks • Network Security • Error Control Coding • Cognitive Radio Networks.

Sl. No.	ADDITIONAL INFORMATION
01	Google Scholar: https://scholar.google.com/citations?user=kajoFf0AAAAJ&hl=en&authuser=1
02	ORCID ID : 0000 – 0002 – 6498 - 0031
03	LinkedIn: https://www.linkedin.com/in/asharani-patil-28a2a3287