FACULTY PROFILE

Department: Electronics & Instrumentation Engineering

1. Personal Details

NAME	Dr. Sharada Suresh Dambal
DEPARTMENT	Electronics and Instrumentation Engineering
DESIGNATION	Assistant professor
PHONE	8884324284
EMAIL ID	sharadadambal@jssateb.ac.in
Date of Joining (JSSATEB)	07/05/2024

2. Experience

Total Experience in Years	Teaching: 2	Industry: 0	Research: 6

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
Ph.D.	Signal Processing	March 2024	RV College of Engineering, Bengaluru	VTU
MTech.	VLSI Design and Embedded system	2014	REVA Institute of Technology, Bengaluru	VTU
BE	Electronics and Instrumentation	2012	JSSATE, Bengaluru	VTU

4. Research & Publications

Papers Published in Web of Science indexed Journals	International:2	National:
Papers Published in SCOPUS indexed Journals	International:5	National:
Papers Published in other Journals	International: 2	National:
Papers Presented in Conferences / Symposium	International:	National: 2

5. Research Guidance

PhD Guide? Give field & University		
PhDs / Projects Guided	Ph.D. Awarded: Guiding:	Projects at Master's Level: Projects at Bachelor's Level:

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization

7. Awards Received

8. Publications
i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1	A LabVIEW Approach for Detection of Congestive Heart failure	Sharada suresh dambal, Dr Sudarshan B.G, Dr. Mahesh kumar D	Design engineering	Volume:7 july ,2021	Both	0.101	Rogers Media Publishing
2	Premature ventricular contraction classification based on spiral search Manta ray Foraging and Bi-LSTM	Sharada suresh dambal, Dr. Mahesh kumar D, Dr Sudarshan B.G	International Journal of intelligent engineering and systems	Volume no:15 june 23,2022	Scopus		Intelligent Networks and Systems Society
3	statistical analysis on Heart rata variability (HRV) features to detect congestive heart failure	Sharada suresh dambal, Dr. Mahesh kumar D, Dr Sudarshan B.G	Journal of pharmaceutical Negative results	Volume:13 December-2022	Both		ResearchTrentz Academy Publishing Education Services
4	Labview Based GUI approach for the detection of premature ventricular contraction (PVC)	Sharada suresh dambal, Dr Sudarshan B.G, Dr. Mahesh kumar D	Computer integrated manufacturing systems	Volume:28 nov,2022	Scopus		Computer Integrated Manufacturing Systems
5	A Hybrid Feature Dimension Reduction and SVM for a Classification of Heart Rate Variability	Sharada suresh dambal, Dr. Mahesh kumar D, Dr Sudarshan B.G	International Journal of intelligent engineering and	Vol.16 Jun-23	Scopus		Intelligent Networks and Systems Society

			systems				
6	Heart rate variability(HRV) analysis: comprehensive review	Sharada suresh dambal, Dr Sudarshan B.G, Dr. Mahesh kumar D	International research journal of engineering and technology	Volume:7 April,2020	-		
7	Design and Simulation of Hybrid Viterbi Decoder for Fast Communication	Sharada Suresh Dambal, Bharathi S. H.	International Journal of Innovations Engineering and Technology (IJIET journal)	volume 4, issue 1,june 2014			

ii. National Journals

SI. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher

iii. Conferences

SI. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Low power Hybrid Modified Viterbi decoder for Wireless Communication	Sharada Suresh Dambal, Bharathi S. H	National Conference on Advanced Research in Electronics and Communication Engineering (NCAREC-2014)	April 2014			
2	FPGA Implementation of Hybrid modified Viterbi decoder for Fast communication	Sharada Suresh Dambal, Bharathi S. H	National Conference on Emerging trends in Communication and Biomedical engineering(NCECB-2014),	May 2014			

iv. Workshops /Conferences Attended

SI. No.	Name of the workshop / Conference	Organizer	Date
1			
2			
3			
4			
5			
6			

v. Workshops / Conference (Organized)

SI. No.	Name of the workshop / Conference	Organized by	Date	Role
1				
2				
3				
4				
5				
6				

vi. Conference Attended (those sponsored by AICTE / ISTE /IETE /TEQIP or any other sponsoring body)

SI. No.	Name of the workshop / Conference	Organizer	Date
1			
2			

SI. No.				
3				

9. **Details of NPTEL / COURSERA courses completed**

SI. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1				
2				
3				
4				
5				
6				
7				
8				
9				

10. **Membership of Professional Bodies:**

1.

11. **Any other information you will like to share about your professional experience**

Dr. Sharada Suresh dambal
Assistant Professor
JSS Academy of Technical Education
Bangalore 560060