

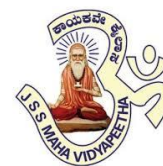


JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060

www.Jssateb.ac.in



FACULTY PROFILE

DEPARTMENT: ELECTRONICS & COMMUNICATION ENGINEERING

1. Personal Details

NAME	SHEELA S N	
DEPARTMENT	ELECTRONICS & COMMUNICATION ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	+91 9900946611	
EMAIL ID	sheelasn@jssateb.ac.in	
Date of Joining (JSSATEB)	10-10-2005	

2. Experience

Total Experience in Years	Teaching: 15 Years	Industry: NIL	Research: 5 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	MEDICAL ELECTRONICS	2001	Sri Belimata Maha Samsthana Institute of Technology, Bengaluru	Bangalore University
M.S	MEDICAL SOFTWARE	2005	Manipal Centre for Information Science, Manipal	Manipal Academy of Higher Education, Manipal
Ph.D.	Pursuing in Medical Image Processing	Since 2016		VTU, Belgaum
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: NIL	National: NIL
Papers Published in SCOPUS indexed Journals	International: NIL	National: NIL
Papers Published in other Journals	International: 03	National: NIL
Papers Presented in Conferences / Symposium	International: NIL	National: NIL
Books / Book chapters Published	Name of the book:	
	Publisher:	
	Year of Publication:	
	NIL	
Books / Book chapters Published	Name of the book:	
	Publisher:	
	Year of Publication:	
	NIL	

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

IV. Awards Recieved

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7. 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.	ITERATIVE TRICLASS THRESHOLDING AND CANNY EDGE DETECTION FOR IMAGE SEGMENTATION	Sridhar K A, Sridevi V, Latha K, Sheela S N	International Journal of Informative and Futuristic Research	Journal Volume 10 Issue 2 Pages ISSN : 2347-1697 Publication date 2015/6/27		6.7	International Journal of Informative and Futuristic Research
2.	PLUG AND PLAY APPROACH: SENSORS TO CLOUD COMMUNICATION https://www.irjet.net/archives/V6/i5/IRJET-V6I5617.pdf	Megharanjini R, K R Rashmi, Sheela S N	International Research Journal of Engineering and Technology (IRJET)	Volume: 06, Issue: 04 Apr 2019 e-ISSN: 2395-0056 Pages 4984 -4987		7.3	Tamilnadu: I RJ Publications
3.	NOISE REDUCTION USING CONTOURLET TRANSFORM https://www.irjet.net/archives/V7/i6/IRJET-V7I61286.pdf	Rahul Pandey, Reshav kumar Agarwal, Ritwik Singh, Shrish kumar Singh, Mrs. Sheela S.N	International Research Journal of Engineering and Technology (IRJET)	Volume: 07 Issue: 06 June 2020 e-ISSN: 2395-0056 Pages 6933 – 6937		7.53	Tamilnadu: I RJ Publications
4.	"OPTIMIZED CROP PREDICTION AND MONITORING USING ENSEMBLE MACHINE LEARNING ALGORITHMS,"	H.S Kavitha, S M Usha, S.N Sheela, H Anu, N Sharmila, S Mallikarjunaswamy, N M Basavaraju, P Ravi, G S Pavithra	IEEE Explorer 2024 Second International Conference on Networks, Multimedia and Information Technology (NMITCON),	pp. 1-6, doi: 10.1109/ NMITCON 62075.2024. 10698915.			Bengaluru, India
5.	“CLASSIFICATION OF ARRHYTHMIA USING MACHINE LEARNING ALGORITHM” https://www.proquest.com/openview/b7a8b5de87056af27745f9fd671eebca/1?cbl=2069447&pq-origsite=gscholar	Chickaramanna, Suguna G; Sondekere Thippeswamy Veerabhadra; Puranik Math Shivakumaraswamy; Seenapahalli Nanjundaiah Sheela; Keerthana, Shivapura Krishna	Revue d'Intelligence Artificielle ; Edmonton	Vol. 36, Iss. 4, (Aug 2022): 529-534. DOI:10.18280/ria.360403		0.28	

ii. National Journals

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

iii. Conferences

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

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	Applied Embedded System Design	ECE Department, JSSATEB in collaboration with ARM, ESA , NXP, Philips, TCS	3 – 7 Aug 2009
2.	Short term training Programme on MSP430 Microcontroller and Programming.	Department of IT, RNSIT	27 Jan 2012
3.	Research Challenges in EEG Signal Analysis and Applications.	Medical Electronics Department Dr. Ambedkar Institute of Technology in association with NIMHANS	25 – 26 June 2013
4.	Signal, Image Processing and SDR using LABVIEW	JSSATEB in collaboration with TechLabs	22 – 24 June 2015
5.	Linear Algebra and its Applications Computer Vision	CES Department , JSSATE, Bengaluru	13 – 16 July 2016
6.	Enhancing Pedagogical Skills	National Institute of Technical Teacher's Training and Research	17 – 21 Jan 2017
7.	Advanced Course on Biomedical Signal Processing	Global Initiative of Academic Networks (GIAN) in collaboration with MHRD, SJCE, Mysuru	02 - 13 Jan 2018
8.	Python Programming for Artificial Intelligence, High Performance Computing and Data Analytics	Sponsored by Ministry Electronics and Information Technologyorganised by ECE JSSATEB and NIT Warangal	20 June - 1 July, 2022
9.	Ability Enhancement Course in Electronics and Communication Engineering	SJBIT, Bengaluru	12 – 16 Sep 2022
10.	Modelling Communication Systems using Simulink	JSSATEB, ECE Department	28- 29 Nov 2023

v. Workshops / Conference (Organised)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
	NIL			

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

Sl. No.	Name of the workshop / Conference	Organiser	Date
	NIL		

8. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1.	Digital Image Processing	IIT Kharagpur	17 Nov 2019	73%
2.	Basic Course in Biomedical Reserch	ICMR – National Institute of Epidemiology	31 Dec 2019	72%

9. Membership of Professional Bodies:

1. Example : 1. Life Membership in Indian Society for Technical Education (MISTE)
2.

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

Mrs. SHEELA S N
Assistant Professor
JSS Academy of Technical Education
Bangalore 560060