



JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060

www.jssateb.ac.in



FACULTY PROFILE

Department: Electronics & Instrumentation Engineering

1. Personal Details

NAME	Dr. Nagesha	
DEPARTMENT	Electronics and Instrumentation Engineering	
DESIGNATION	Associate professor	
PHONE	9986019325	
EMAILID	nagesha@jssateb.ac.in , nageshashiva@gmail.com	
Date of Joining (JSSATEB)	12 July 2001	

2. Experience

Total Experience in Years	Teaching: 25 years	Industry: Nil	Research: 10 years
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3. Qualifications

COURSES	SPECIALIZATION	YEAR OF AWARD	INSTITUTION	UNIVERSITY
B.E.	Instrumentation technology	1991	SJCE, Mysore	Mysore
M. Tech.	Industrial electronics	1994	SJCE, Mysore	Mysore
Ph.D.	Faculty of electrical & electronics engineering sciences (Wireless sensor networks / IoT - ML)	March 2019	REVA ITM, Bengaluru	VTU, Belagavi
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 03	National: 0
Papers Published in SCOPUS indexed Journals	International: 03	National: 0
Papers Published in other Journals	International: 04	National: 0
Papers Presented in Conferences/Symposium	International: 07	National: 0
Books/Book chapters Published	Name of the book:- Publisher:- Year of Publication:-	

5. Research Guidance

PhD Guide? Give field & University	-	-
PhDs / Projects Guided	-	-

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

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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	Fuzzy-based cluster head selection and cluster formation in wireless sensor networks	Nagesha Sunilkuma rS. Manvi	IET NETWORKS	VOLUME 8, ISSUE 6 Nov.2019	Both	0.987	The institution of engineering and technology
2	Fuzzy inference system based 3D geographic routing in wireless sensor networks	Nagesha SunilkumarS. Manvi	IET wireless sensor systems	Volume9, issue3, June2019	Both	1.067	The institution of engineering and technology
3	ANFIS-Based Resource Mapping for Query Processing in Wireless Multimedia Sensor Networks	Nagesha Sunilkumar S. Manvi	Journal of intelligent systems	July2017, vol.26, Issue3	Both	0.533	DeGruyter publisher,

4	Resource Monitoring for Wireless Sensor Networks using ANFIS	Nagesha Sunilkumar S. Manvi	Journal of Applied Computer Science Methods	2016, Vol. 8, No. 1, pp.41–67	-	-	De Gruyter publisher,
5	Dam Automation using IoT	N Shivappa, AS Rao, T Aishwarya, J S Athreya, H Mandakini	International Journal of Engineering Research & Technology	2020 9(5), 878-881	-	-	IJERT
6	Review on Intelligent Packaging Solution for Safe and Secured Delivery	Sagar Band Dr Nagesha Prajwal N, Revanth S, Swapnil Pattan shetty	International Journal of Advanced Research in Science, Communication and Technology	2021 Vol 2, issue 1, 149-155	-	-	IJARST

ii. National 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
	-	-	-	-	-	-	-

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of The conference	Volume No. Issue No. Year	WOS/ Scopus	Impact Factor	Publisher
1	A Preprocessing Algorithm to Identify Errors in Datasets for AutoML	Nagesha Shivappa	2025 IEEE IDC IoT	IEEE xplore 2025	Scopus	-	IEEE xplore
2	An autoML algorithm to select suitable decision tree algorithm for classification	Nagesha Shivappa	2024 IEEE GCCIT, Bengaluru.	IEEE Xlore 2024	Scopus	-	IEEE xplore
3	An autoML algorithm to select linear regression model and its performance evaluation for linear datasets,	Nagesha Shivappa	2024 IEEE GCAT, Bengaluru.	IEEE Xplore, 2024	Scopus	-	IEEE xplore
4	A Survey on Classic Examples of Constraint Satisfaction Problems with Solutions and Applications,	Nagesha Shivappa	2023 IEEE SMART GENCON, Bengaluru	IEEE Xplore 2023	Scopus	-	IEEE xplore
5	Fuzzy Inference System based Forwarder Node Selection for 3-D Geographic Routing in Wireless Sensor Networks	Nagesha Sunilkumar S. Manvi		December 2018, ICNEWS, BMSCE, Bengaluru.	-	-	
6	A Fuzzy based Approach to Cluster Formation in Wireless Sensor Networks to Enhance the Lifetime of the Network	Nagesha Sunilkumar S. Manvi		RTEICT-2018, MAY 18th & 19th 2018,	both	-	IEEE xplore

7	QoS Mapping from User to Network requirements in WMSN: A Fuzzy Logic Based Approach	Nagesha Sunilkumar S.Manvi		2014IEEEIACC, Gurgoan,	both	-	IEEE xplore
8	Performance Analysis of SCTP compared to TCP and UDP,	Nagesha Sunilkumar S.Manvi		2 nd int. con.in CIT, July2012, Chennai	Scopus	-	Springer

iv. Workshops/Conferences Attended

Sl. No.	Name of the workshop/Conference	Organiser	Date
1	An overview of teaching techniques in Innovation and design thinking	VTU- AICTE	06-10December2021
2	Building research eco-system	JSSATE	02-04March2021
3	Exemplary Practices in Teaching Learning And Evaluation of CS and IT courses	IIITA-VTU	03-07August2020
4	Symposium on 2 nd Cyber-Physical Systems	IISc	2Days(11.07.2018to12.07.2018),
5	FDP on Using Blended MOOCs in Management Education	IIMB	1Day(11-08-2018)
6	International Conference on Networking Embedded & Wireless Systems	BMSCE, Bengaluru	2Days(27.12.2018to28.12.2018)
7	RTEICT-2018	VIT, Bengaluru	2daysMAY18th&19th2018
8	Workshop on Embedded controller lab Using AR Mcortex M3	JSSATEB	3Days(04.01.2018to06.01.2018)
9	FDP on IBM-Bluemix for IoT and Security	BNMIT	6days(11.07.2016to16.07.2016)
10	IEEEIACC	ITM university, Gurgoan	2 days (Feb21-222014)
11	COMSNET	IISc, Bengaluru	3 days 7-9 Jan 2014

v. Workshops/Conference(Orgained)

Sl. No.	Name of the workshop/Conference	Organized by	Date	Role
-	-	-	-	-

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

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

9. Details of NPTEL/COURSERA courses completed

Sl.No.	Name of the subject	Organized by	Date of completion/Award	Grade/ Marks
1	Generative AI for Python programming	NPTEL	Nov 2025 (8 weeks)	64 (3 credits)
2	Python for data science	NPTEL	Nov 2025 (4 weeks)	81 (2 credits)
3	Database management systems	NPTEL	March 2024 (8 weeks)	75 (3 credits)
4	Big data computing	NPTEL	Nov 2024 (8 weeks)	81 (3 credits)
5	Data science - domain specialization	NPTEL	Nov 2023 (60 weeks)	71 %; ELITE (23 credits)
6	Cloud computing	NPTEL, IIT Kargpur	November 2019 (8 weeks)	81 (3 credits)

10. Membership of Professional Bodies:

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

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