



JSS Mahavidyapeetha
JSS Academy of Technical Education



Dr. Vishnuvardhan Road, Srinivasapura post Bangalore

560060 www.jssateb.ac.in

FACULTY PROFILE

Department: Computer Science & Engineering

1. Personal Details

NAME	Dr. Supriya B N	
DEPARTMENT	ISE	
DESIGNATION	Associate Professor	
PHONE	9535330493	
EMAIL ID	supriyabn@jssateb.ac.in	
Date of Joining (JSSATEB)	15-05-2023	

2. Experience

Total Experience in Years	Teaching:	Industry:	Research:
17	Teaching	-	-

3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	CSE	2007	East Point College of Engineering	VTU
M.Tech.	CSE	2012	Bangalore Institute of Technology	VTU
Ph.D.	Social Media Profile using Ensemble learning technique	2024	-	VTU

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 1	National:0
Papers Published in SCOPUS indexed Journals	International: 4	National:0
Papers Published in other Journals	International: 2	National: 0

Papers Presented in Conferences / Symposium	International:3	National: 0
Books / Book chapters	Name of the book: Twitter sentiment analysis using binary classification technique.	

5. Research Guidance

PhD Guide? Give field & University	Nil	
PhDs / Projects Guided	Ph.D. Awarded: Guiding:	Projects at Master's Level: 1 Projects at Bachelor's Level:20

6. Grants

i. Funds Received (Projects): Nil

ii. Consultancy

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

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	Sentiment Prediction using Enhanced XGBoost and Tailored Random Forest	Supriya, B. N., & Akki, C. B	International Journal of Computing and Digital Systems	10(1), 191-200 2021	Scopus	1.01	University of Bahrain
2	Cross Layer Fusing of Bidirectional Gated Recurrent Unit and Extreme Gradient Boosting with Global Vectors for Sarcasm Detection	Supriya, B. N., & Akki, C. B	Journal of Optoelectronic s Laser	41(4), 13- 27. 2022	Scopus	0.314	Tianjin University

3	Transfer Learning for Prediction Of Sentiment In Hotel Reviews	Supriya, B. N., & Akki, C. B	Turkish Journal of Computer and Mathematics Education (TURCOMAT)	12(13), 3273-3288 2021	Scopus	0.1	Karadeniz Technical University
4	Automated IoT Solutions for Efficient Hydroponic Farming : Nutrients, pH and Lighting Management	Dr. Supriya B N	Journal Européen des Systèmes Automatisés	57(5) 2024	Scopus	1.9	International Information and Engineering Technology Association
5	Anthropology and Morphology-Based Facial Image Analysis to Support Criminal Investigation in Forensics	Dr. Supriya B N	International Journal of Applied Science and Research	7(5)2024	Others	1.33	FOREX Publication
6	WATCHGUARD: ENHANCED REAL-TIME WOMEN SAFETY DETECTION SYSTEM USING DEEP LEARNING AND COMPUTER VISION	Dr. Supriya B N	IJCRT	13(8)2025	Others	7.97	IJPUBLICATION

ii. National Journals

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 Survey on Big Data Architectures and Standard	Supriya, B. N., Prakash,	International Congress on Information and Communication	2016	Scopus		CSI Udaipur Chapter, Division IV,

	Bodies.	S., & Akki, C. B.	Technology				SIG-WNS, SIG-e- Agriculture in association with ACM Udaipur Professional Chapter, The Institution of Engineers (India), Udaipur Local Centre and Mining Engineers Association of India, Rajasthan Udaipur Chapter
2	Twitter sentiment analysis using binary classification technique.	Supriya, B. N., & Akki, C. B	International Conference on Nature of Computation and Communication March 17-18,	2016	Scopus		Thai Thanh Luom, Kien Giang University, Vietnam Nguyen Manh Hung, Nguyen Tat Thanh University, Vietnam
3	Virtual Assistance for disabled people	Supriya, B. N	IC-AISMART- 2025	2026	Scopus		

iv. Workshops /Conferences Attended

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

v. Workshops / Conference (Organized)

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

Conference				
1	Webinar - In Building Solutions	Dr.Supriya B N	23/03/2020	Organizer
2	Motivational Speech - UPSC/KPSC	Dr.Supriya B N	22/03/2020	Organizer
3	Internship Facilitation (Lam Research)	Lam Research	October 2024	Facilitator

8. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Machine Learning	NPTEL,IIT Madras	March 2025	
2	Teaching and Learning in General Programs	IIS, Bangalore	August 2019	
3	Stress Management	NPTEL,IIT Madras	September 2023	
4	Internet Of Things	NPTEL,IIT Kharagpur	Novembe 2022	

9. Membership of Professional Bodies:

LMISTE, AIENG, AIMEE, IEEE

Name: Dr. Supriya B N

Designation and Department: Associate Professor, Information Science and Engineering

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