

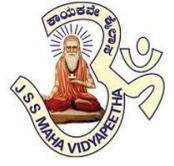


JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060

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FACULTY PROFILE

Department: Information Science and Engineering

1. Personal Details

NAME	Dr. Sahana V.	
DEPARTMENT	Information Science and Engineering	
DESIGNATION	Associate Professor	
PHONE	+91 9632555443	
EMAIL ID	sahanav@jssateb.ac.in	
Date of Joining (JSSATEB)	05-10-2016	

2. Experience

Total Experience in Years	Teaching: 10.6 Years	Industry: 1.6 Years	Research: 08 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Computer Science & Engineering	2007	Vidya Vikas Institute of Engineering and Technology Mysuru 570028 Karnataka INDIA	Visvesvaraya Technological University, Belgaum Karnataka
M.Tech.	Computer Science & Engineering	2015	R. N. Shetty Institute of Technology Bengaluru 560098 Karnataka INDIA	Visvesvaraya Technological University, Belgaum Karnataka
Ph.D.	Computer Science & Engineering	PDC received 2025	Department of Computer Science & Engineering, JSS Science and Technology University, Mysuru	JSS Science and Technology University, Mysuru Karnataka

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 00	National: --
Papers Published in SCOPUS indexed Journals	International: 04	National: --
Papers Published in other Journals	International: 8	National: 2
Papers Presented in Conferences / Symposium	International:03	National: 03
Books / Book chapters Published	Name of the book: Publisher: -- Year of Publication:	
	Name of the book: Publisher: -- Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University	No	
PhDs / Projects Guided	Ph.D. Awarded: -- Guiding:--	Projects at Master's Level: -- Projects at Bachelor's Level: 20

6. 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	lot Cloud: In Health Monitoring System	Shashidhar R, Abhilash S, Sahana V, Alok N A, Roopa M	International Journal of Scientific & Technology Research	Volume 9 - Issue 1, January 2020	Scopus	0.2	International Journal of Scientific & Technology Research
2	Detection and Classification Of Hate Speech	Girish V P, Namratha Bhat, Bhavani B S, Abhin K V, Sahana V	International Journal of Engineering Applied Sciences and Technology (IJEAST)	Volume 5, Issue11 March 2021	----		
3	A Survey on Hybrid Recommendation Engine for Businesses and Users	Spurthy Mutturaj, Shwetha B, Sangeetha P, Shivani Beldale and Sahana V	International Journal of Information Engineering and Electronic Business	Volume1, Issue 3 June 2021	----		MECS Press
4	Recognition of Tablet using Blister Strip for Visually Impaired using SIFT Algorithm	R Shashidhar, V Sahana, Sudeshna Chakraborty, S B Puneeth, M Roopa	Indian Journal of Science and Technology	Volume14, Issue 23 July 2021	----		Indian Society for Education and Environment
5	Statistical Analysis and Classification	V Sahana, Thanushree	Recent Trends in Artificial	Volume1, Issue 3	--		MAT journals

	of Calamity Related Tweets	Gowda, S Vanishree	Intelligence & it's Applications	e-ISSN: 2583-4819 2022/10/4			
6	A Comparative Analysis of Machine Learning Techniques for Cyberbullying Detection on FormSpring in Textual Modality	V Sahana, KM Anil Kumar, A Darem Abdulbasit	International Journal of Computer Network and Information Security	Volume 15 Issue 4 Pages 36-47	Scopus	2.05	MECS press
7	The DistilBERT Model: A Promising Approach to Improve Machine Reading Comprehension Models	Vedant Srivastava, V Sahana, Nagamani H Shahapure, Rekha PM, Nethravathi B, Pratiksha Khandelwal, Abhinav Anand, Pranjali Agrawal	International Journal on Recent and Innovation Trends in Computing and Communication	Volume 11 Issue 8	Scopus	0.68	Auricle Global Society of Education and Research
8	IOT Based Burglar Detection and Alarming System Using Raspberry Pi	V Sahana, R Shashidhar, R Bindushree, AN Chandana	International Journal of Engineering and Manufacturing	Volume 13, Issue 6			MECS press
9	A Systematic Literature Review on Cyberbullying in Social Media: Taxonomy, Detection Approaches, Datasets, and Future Research Directions	Sahana V, Anilkumar K M	International Journal on Recent and Innovation Trends in Computing and Communication	Volume 11 Issue 10			Auricle Global Society of Education and Research
10	Hybrid 1D VGG16 and SVM Framework for Early Detection and Intensity Classification of Cyberbullying	Sahana V, Anilkumar K M	International Journal of Intelligent Engineering & Systems	Volume 18 Issue 3	Scopus	1.93	Intelligent Networks and Systems Society

ii. 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
1	Arduino Based Motion Tracking Keyboard Using Machine Learning	Aditya Priyadarshi, Bharath V, Apatha KS, Sanjit S, Sahana V	Journal of Data Mining and Management	Volume 4 Issue 2 July 2019	---		MAT Journals
2	Consumer Purchase Patterns using File	Swarna Kadagadkai, Sahana V, Malini M	International Journal of Engineering	Volume 8- issue 15 Sept 2020	---		International Journal of Engineering

	Structures	Patil	Research & Technology				Research & Technology (IJERT)
3	Detection of State of Aggression among Adolescents: A Literature Review	Sahana V, Vanishree S, Rakshitha S, Vinayak S, Rajath MR	International Journal of Engineering Science Invention (IJESI)	ISSN (Online): 2319 – 6734 2022/6	--		International Journal of Engineering Science Invention (IJESI)
4	A Review on Animal Encroachment Detection in Crop Fields Using Deep Learning and IoT	Thanushree Gowda, R Sahana, H Raksha, R Bindushree, V Sahana	International Journal of Engineering Science Invention (IJESI)	ISSN (Online): 2319 – 6734 2022/6	--		International Journal of Engineering Science Invention (IJESI)
5	DevOps and Tools Used: A Systematic Review	Kumar Aditya Raj, Abhinav Anand, V Sahana	International Journal of Engineering Science Invention (IJESI)	ISSN (Online): 2319 – 6734 2022/6	--		International Journal of Engineering Science Invention (IJESI)
6	Web-based Framework for Identifying Plant Leaf Diseases	Naga Amrutha CR, V Sahana, BN Anusha, MG Meghasri, KG Nagashree	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon)	Pages 1-6 2022/11/20	scopus		IEEE
7	Hardware Inventory Management System Using IoT	Abhilash Karri, Sharath S Rao, DV Ashoka, B Nethravathi, V Sahana, BV Vishnu	2022 Fourth International Conference on Cognitive Computing and Information Processing (CCIP)	2022/12/23	scopus		IEEE
8	Analyzing Cyberbullying Word Distribution Across social media to Develop Lexicon Dictionary	V Sahana, KM Anil Kumar	2024 Second International Conference on Networks, Multimedia and Information Technology (NMITCON)	Pages 1-7 2024	Scopus		IEEE

iii. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Strength based personality development program	Gallup Certified Strengths Coach, JSSS&TU, Mysuru	28/12/2016 to 03/01/2017
2	Computational Data Science	Department of Information science & Engineering, JSSATE, Bengaluru	16/01/2017 to 21/01/2017
3	Workshop on Research methodologies	JSSS&TU, Mysuru	18/11/2017 to 19/11/2017
4	How to do good Ph.D. and Application of Latex in research	JSSS&TU, Mysuru	17/05/2018 to 18/05/2018
5	Workshop on Data Science Analytics	SJB Institute of Technology, Bengaluru	22/01/2019 to 24/01/2019

6	"Workshop on ML and DL with Keras"	Vidyavardhaka College of Engineering, Mysuru	21/07/2020 to 23/07/2020
7	"Experts View and Analysis of Online Educational Tools"	Dr.Panjabrao Deshmukh Polytechnic, Amravati.	27/07/2020 to 31/07/2020
8	"Advanced Deep Learning through Python"	Anurag Group Of Institutions, Hyderabad	27/07/2020 to 1/08/2020
9	Faculty Development program on "Research Publication"	JSSSTU, JSS Centre for management studies	20/1/2022 to 21/1/2022
10	Journal Citation Reports certification series 2022	Clarivate-Online	10/08/2022
11	FDP on "NEP-2020-Touching the Iceberg"	Dept of management studies, JSSATEB (offline)	09/09/2022
12	One Week National Level Faculty Development Program on Recent Trends in Artificial Intelligence and Cyber Security	organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram (Online)	01/11/2022 to 05/11/2022
13	"Space Systems Engineering" micro degree programme	BRICS Business Council	04/10/2022 to 17/11/2022
14	Learn from Leaders Series -2023	center for Interdisciplinary Research (CIR), JSSATEB (offline)	24/01/2023
15	Workshop on "Capacity Building in R&D"	IQAC, JSSATE, Bengaluru	16/03/2023
16	Faculty Enrichment program "industry insight on Knowledge Transition in IT Industry & Data"	LTI Mindtree, Global Village, Bengaluru	20/04/2023
17	Three Days Faculty Development program on "Angular and Node JS"	Department of Information Science & Engineering, JSSATEB	2/11/2023 to 4/11/2023
18	"Two weeks Faculty Development program on Opportunities & Challenges in Entrepreneurship"	sponsored by NSTEDB, Department of Science & Technology, Govt. of India, organizer JSSATEB STEP	3/01/2024 to 19/01/2024
19	3 weeks Women Entrepreneurship Development Programme on "Sustainable and Eco-friendly Products; Digital and E-Commerce Businesses."	sponsored by NSTEDB, Department of Science & Technology, Govt. of India, organizer JSSATEB STEP	07/02/2024 to 24/02/2024
20	4 week Technology Entrepreneurship Development Program on "IoT, Embedded systems and & AI"	sponsored by NSTEDB, Department of Science & Technology, Govt. of India, organizer JSSATE, Science and Technology Entrepreneurship Park, Bengaluru	4/03/2024 to 29/03/ 2024
21	Workshop on Nanosatellite project- JNANAM	Department of ECE, JSSSTU, Mysuru	01/06/2024
22	Two Days FDP on "Sustainable Development Goals"	Department of MBA, JSSATEB	27/06/2024 to 28/06/2024
23	Faculty Development Program on Cloud Architect Jointly organized by Vardhaman Engineering College, Shamshabad - Hyderabad, AVS Engineering College, Salem – Tamil Nadu, JSS Science and Technology University, Mysore – Karnataka,	Jointly organized by Vardhaman Engineering College, Shamshabad - Hyderabad, AVS Engineering College, Salem – Tamil Nadu, JSS Science and Technology University, Mysore –in Collaboration with ExcelR Edtech Pvt. Ltd.	18/11/2024 to 22/11/2024
24	SkillSprout-2-Day intense Leadership Development Program	Department of Management Studies, JSSATE, Bengaluru and conducted by SKILLFIX	9/01/2025 to 10/01/2025
25	Faculty Development Program on Gen AI & Chat GPT Application in the Industry	Organized by the Department of MBA & Research Centre, SJC Institute of Technology, Chikkaballapur.	27/01/2025 to 31/01/2025

		Chaitanya Bharathi Institute of Technology Autonomous, Hyderabad – Telangana. Bharti Vidyapeeth (Deemed to be University) College of Engineering, Pune in Collaboration with ExcelR Edtech Pvt. Ltd.	
26	Faculty Development Program on Artificial Intelligence and Emerging Technologies	Organized by the Department of Computer Science and Engineering, JSS Science and Technology University, Mysuru	18/03/2025 to 22/03/2025

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	GIAN programme on “Interactive Machine Translation”	SJCE, Mysuru	19/12/2017 to 30/12/2017
2	National Symposium on “Data Science and Statistics- Trends and challenges”	Centre for Inter-Disciplinary Research along with department of Information Science and Engineering, JSSATE, Bengaluru	04/07/2018 to 05/07/2018
3	Faculty Development programme on “microcontroller and embedded systems”	Department of Information science & Engineering, JSSATE, Bengaluru	27/01/2020 to 29/01/2020
4	“Outcome Based Education and NBA Accreditation”	ACS College of Engineering, Bengaluru	06/01/2020 to 10/01/2020
5	“Advanced Deep Learning through Python”	Anurag Group of Institutions, Hyderabad, AICTE	27/07/2020 to 1/08/2020
6	“Emerging trends and Applications of Artificial Intelligence”	AIT, Bengaluru (ISTE)	10/08/2020 to 14/08/2020
7	An Overview of Teaching Techniques in Social Connect and Responsibilities	VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101. AICTE – VTU	07/3/2022 to 11/3/2022
8	A guided tour of Taylor and Francis eBooks & Journals	VTU-Consortium and Taylor and Francis Group	24/03/2022
9	Cryptography for Information Security	NITTTTR-Chandigarh AICTE	09/05/2022 to 13/05/2022
10	Opportunities & Challenges in Entrepreneurship	STEP-JSSATEB, CIR-JSSATEB Dept of science and technology, Government of INDIA	18/7/2022 to 31/7/2022
11	Faculty Development Program under the 'TechSaksham' initiative, on 'Artificial Intelligence'	Microsoft, SAP, TechSaksham AICTE ATAL	16/01/2023
12	FDP on Introduction to Internet of Things (IoT)	Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101. AICTE, VTU	17/04/2023 to 21/04/2023
13	Innovative Teaching Methodology-A creative Pedagogy	Department of Artificial Intelligence & Data Science, Robotics and Automation, D. Y. Patil College of Engineering, Akurdi, Pune. ISTE	31/07/2023 to 4/ 08/2023
14	Advancements in Semiconductors, System software and AI for Digital Agriculture	JSS Academy of Technical Education, Bengaluru AICTE ATAL	08/9/2025 to 20/9/2025
15	Exploring the Synergy between eAcoustics and Machine Learning for Tomorrows Technologies	Dr. Ambedkar Institute of Technology, Bengaluru. AICTE ATAL	15/12/2025 to 20/12/2025

v. Workshops / Conference organized

Sl. No.	Name of the workshop/conference	Organized by	Date	Role
1	Technical Talk on "Software Engineering: Present Industry Standards"	Dept. of ISE, JSSATE, Bengaluru Mr. Sanjay Deshpande, Adobe, Bengaluru.	10-04-2018	Coordinator
2	SDP on "Ethical Hacking"	Dept. of ISE, JSSATE, Bengaluru Mr. Adithya, EC - Council Certified Instructor.	29-1-2022	Coordinator
3	SDP on "Global Education & Entrepreneurship Awareness Programme"	Dept. of ISE, JSSATE, Bengaluru Mr. Divay Tak, Nestlings, Bengaluru.	10-04-2023	Coordinator
4	SDP on "Higher Education & Career Guidance programme"	Dept. of ISE, JSSATE, Bengaluru Ms. Namratha M. C., Jamboree Education Pvt. Ltd., Bengaluru.	11-04-2023	Coordinator
5	Technical Talk on "Security in File Structures"	Dept. of ISE, JSSATE, Bengaluru Ms. Spoorthi Kulkarni, Intern at Ernst & Young, Bengaluru.	15-06-2023	Coordinator
6	Three Days Faculty Development program on "Angular and Node JS"	Dept. of ISE, JSSATE, Bengaluru	2/11/2023 to 4/11/2023	Coordinator
7	Unveiling the essentials of Cyber security and Ethical hacking	Dept. of ISE, JSSATE, Bengaluru	20 /1/2024	Coordinator
8	Higher Education and Entrepreneurship Awareness program (SDP)	Dept. of ISE, JSSATE, Bengaluru	08/01/2024 and 05/12/2024	Coordinator
9	Student Development Program on NANO SATELLITE TECHNOLOGY	JSSSTU and JSSATEB	24/01/2024 to 25/01/2024	Coordinator
10	SDP on Basics of Intellectual Property Rights and Guidance on Ideation	Dept. of ISE, JSSATE, Bengaluru	19/02/2025	Coordinator

7. Details of COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	Programming for Everybody (Getting started with Python)	University of Michigan	Qualified	98%
2	AI for Everyone	Computer Science Department, Stanford University	Qualified	98%
3	Python Basics	University of Michigan	Qualified	100%
4	Requirements Gathering for Secure Software Development	University of Colorado	Qualified	96%
5	Introduction to Artificial Intelligence (IBM)	IBM Skills Network	Qualified	85%
6	Oracle Cloud Infrastructure Foundations	Oracle	Qualified	100%

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