



FACULTY PROFILE ON WEBSITE

Faculty Name	Ms.Lavanya.K	
Academic Designation	Assistant Professor	
Educational Qualification	B.E,MTech, Pursuing (Ph.D)	
Experience in Teaching & Industry	9 years	
Date of Joining	12/1/2026	
Official Email ID	Lavanya-cse@dsatm.edu.in	
Employee ID	180911	

Educational Details

Course	Discipline	School/college	Board/university	Year of passing	Percentage
Ph.D	CSE	Vemana Institute Of Technology-Research center	Visvesvaraya Technological University, Belgaum.	Completed course work	
M.Tech	C.S.E	B.T Lakshman Institute of Technology Bangalore.	Visvesvaraya Technological University, Belgaum.	2016	78
B.E	C.S.E	B.T Lakshman Institute of Technology Bangalore.	Visvesvaraya Technological University, Belgaum.	2014	70
Diploma	CSE	Reddy Janna Sangha polytechnic. Kormangala, Bangalore	Karnataka Education examination Board.	2009	60
S.S.L.C	S.S.L.C	S.C, K.H. School Bangalore	Karnataka Secondary Education examination Board.	2005	58

Professional Experience

1. Institution: PES college of Engineering
Designation: Tutor
Duration: March 2017 – Sept 2019
2. Institute: Sri Sairam College of Engineering, Bengaluru
Designation: Assistant Professor
Duration: September 2019 – August 2022
3. Institute: Vemana Institute of Technology, Bengaluru
Designation: Assistant Professor
Duration: September 2022 – Jan 2026
4. Institute: Dayananda Sagar Academy of Technology and Management, Bengaluru
Designation: Assistant Professor
Duration: Jan 2026- till present.

Publications

1. "Medical Imaging using Machine Learning and Deep Learning Algorithms", i7C-19,SSRG-InternationalJournalofComputerScienceandEngineering, volume5 issue6-2017,ISSN:78938910755
2. An Ai Neural Link for Human Storage And Processing" International Journal of Trendy Research in Engineering and Technology, Volume 6 Issue 3 Proceedings of NC-ETRIET-2022, ISSN NO 2582-0958
3. Assisting Blind using Light Weight IoT Tool "International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 13, Issue 6, June 2023, pp 116-122.
4. A Survey on Application of Analytics in Legal Profession Grenze International Journal of Engineering and Technology, June Issue Grenze ID: 01. GIJET.10.2.788 © Grenze Scientific Society, 2024.

5. UDuctor: Enhanced Assistance and Monitoring of no communicable diseases using Pervasive Computing, Grenze journal name, Volume. 1, Issue.1, May 2015. *Grenze ID: 01. JMMB.1.1.23* © Grenze Scientific Society, 2015
6. Light RPL-IDS: A Lightweight Machine Learning-Based Intrusion Detection Framework for RPL-Enabled IoT Networks 2025 9th International Conference on Computational System and Information Technology for Sustainable Solutions (CSITSS) | 979-8-3315-8894-6/25/\$31.00 ©2025 IEEE | DOI: 10.1109/CSITSS67709.2025.11294598.
7. Privacy-Preserving Federated Deep Learning for Real-Time XSS Attack Detection, 2026 International Conference on Emerging Research in Smart Electronics and Machine Informatics (ECMI) | 979-8-3315-5638-9/26/\$31.00 ©2026 IEEE | DOI: 10.1109/ECMI68341.2026.11602830
8. Secure Ultra-Low Latency Data Transport for High-Speed Edge–Cloud Networks.2026 International Conference on Future and Advanced Computing Technologies (ICFACT) 979-8-3195-3066-0/26/\$31.00 ©2026 IEEE.
9. Carbon-Responsive Consensus: A Climate-Aware Blockchain Protocol with Incentive-Compatible Validator Selection 2026 Fourth International Conference on Secure Cyber Computing and Communications (ICSCCC) | 979-8-3315-7954-8/26/\$31.00 ©2026 IEEE | DOI: 10.1109/ICSCCC69031.2026.11600048.
10. Privacy-Preserving Federated Deep Learning for Real-Time XSS Attack Detection 2026 International Conference on Emerging Research in Smart Electronics and Machine Informatics (ECMI) | 979-8-3315-5638-9/26/\$31.00 ©2026 IEEE | DOI: 10.1109/ECMI68341.2026.11602830

International Conferences:

1. Presented a paper titled “AV based assessment of communication skills and personality characteristics “ 2nd International Conference on Emerging Technology computer science and Engineering organized by Akshaya Institute of Technology Linkapura, Tumukur, karnataka from 19th- 20th June 2025.

2. Presented a paper titled “Light RPL-IDS: A Lightweight Machine Learning-Based Intrusion Detection Framework for RPL-Enabled IoT Networks “ 9 IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS-2025) held from 20-22 November 2025, organized by the RV College of Engineering, Bengaluru, India.
3. Carbon-Responsive Consensus: A Climate-Aware Blockchain Protocol with Incentive-Compatible Validator Selection. ICSCCC 2026- May 29-31, 2026
4. Energy- and Carbon-Aware Computational Intelligence for Sustainable Smart Cyber-Physical Systems 10th IEEE International Conference on Computational Systems & Information Technology for Sustainable Solutions (CSITSS-2025) held from Date : 19 JUNE 2026.

National Conferences:**NA**

.Presented a paper titled An Ai Neural Link for Human Storage National Conference on Emerging Trends and recent innovations Engineering organized by Department of Computer science and Engineering in Nagarjuna college of Engineering from 22nd- 23th April 2022.

Conference Attended

NA

Academic Activity

Computer networks,Data communication, Storage Area Network, Introduction to AI, Internet of Things, Distributed System, Cloud computing, Analog to Digital Laboratory, Micro controller and Microprocessor Laboratory.

Faculty Development Activity/Workshops

1. FacultyDevelopmentProgramon "Microcontroller and Embedded systems",2020
2. Attended workshop on "AWS cloud computing on 3.2.2024 in cloud institution Technology.
3. Participated "AICTE sponsored six days Short Term Training Program on "ArtificialIntelligence and Machine Learning" from 22 nd to 27 th march 2021.
4. Workshop on" on Artificial Neural Network Using MATLAB Tool. From 21.2.2022 to 25.2.2022 (5 days) in JAIN Engineering College.
5. Participated the Faculty Development Program on Advanced Excel with DataVisualization from 2nd February to 8th February 2021 (1 week) organized by IIT Kanpur.
6. Participated NDLI(National Digital Library of India) awareness session held on 17/9/2021 in Sairam college of Engineering.
7. Participated in the three-day Faculty Development Program on "AI and Machine Learning for Health Care Engineering" New Horizon college of Engineering 2023".

8. Participated in the 1 Week National Level Faculty Development Program on “Cloud Infrastructure (AWS) organized by RV INSTITUTE OF TECHNOLOGY AND MANAGEMENT Collaborated with AICET, 2024.
9. Participated in the three-day Faculty Development Program on “MongoDB – A Project base Hands-on Training” in Sai Vidya Institute of Technology 2024.
10. Participated in the 5-day ATAL Faculty Development Program on “Generative AI with large language Models” 2025.

Contact Details

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