



FACULTY PROFILE ON WEBSITE

Faculty Name	Shilpa M	
Academic Designation	Asst Professor	
Educational Qualification	BE, MTech, (Ph.D.)	
Experience in Teaching & Industry	14 & 6	
Date of Joining	21-7-2014	
Official Email ID	shilpa-cse@dsatm.edu.in	
Employee ID	180212	

Educational Details

- Ph.D - Pursuing in VTU
- M.Tech- Software Engineering, VTU at MSRIT
- B.E – Computer Science, VTU at VVIET

Professional Experience

- Worked as Software Engineer in at Unisys from 2006 to 2012
- Lecturer at R.V College of Engineering, Bangalore from 2003 to 2004
- Lecturer at Vidya Vardhaka College of Engineering, Mysore from 2002 to 2003

Publications

- “Bio-Inspired Metaheuristic Framework for DNA Motif Discovery Using Hybrid Cluster Based Walrus Optimization” International Journal of Advanced Computer Science and Applications(IJACSA), 16(7), 2025. <http://dx.doi.org/10.14569/IJACSA.2025.0160723>
- “ Detection of Fake News Using Machine Learning Algorithm”, International Journal of Advance Research and Innovative Ideas in Education IJARIE, Volume 7, Issue 4, 2021

- “Breast Cancer Diagnosis and Prediction Using Machine Learning Algorithm”, International Journal of Science and Research IJSR, Volume 9, Issue 4, April 2020
- “ Heart Disease and Diabetes Diagnosis using Predictive Data Mining”, International Research Journal of Engineering and Technology IRJET, vol 5 issue 9- Sep 2018 ISSN: 2395-0056.

International Conferences:

- "Adversarial Machine Learning Attacks and Defenses in Next-Generation Cybersecurity Applications," 2026 2nd International Conference on Big Data & Machine Learning (ICBDML), Bhopal, India, 2026, pp. 1-6, doi: 10.1109/ICBDML68582.2026.11544990.
- "GNNMOTIF: A Deep Graph Neural Network Framework for Motif Identification," 2026 2nd International Conference on Computing for Sustainability and Intelligent Future (COMP-SIF), Bengaluru, India, 2026, pp. 1-6, doi: 10.1109/COMP-SIF69752.2026.11481931.
- "DNADeepNNNet: Deep Learning Framework for Genomic Sequence Classification and Regulatory Motif Discovery," 2025 International Conference on Sustainability, Innovation & Technology (ICSIT), Nagpur, India, 2025, pp. 1-6, doi: 10.1109/ICSIT65336.2025.11295113.
- "A Survey on Motif Discovery Algorithms for analysis of Gene Sequences of Interest." In 2021 International Conference on Disruptive Technologies for Multi-Disciplinary Research and Applications (CENTCON), vol. 1, pp. 275-278. IEEE, 2021

National Conferences:

- “House Price Prediction using Machine Learning Techniques”, Third National Conference on convergence of science, Technology and Management NCCSTM-2019, DSATM,Bangalore-82
- “ Smart tool kit for visually impaired people” Third National Conference on convergence of science, Technology and Management NCCSTM-2017,19th May, ISBN:978-93-85682-48-3 DSATM,Bangalore-82.
- “Fingerprint based cryptography for authentication” : National Conference on convergence of science, Technology and Management NCCSTM-2016,5th May, ISBN:978-93-84935-97-9, DSATM,Bangalore-82.

- “Improved Version of Intrusion Detection System”: National Conference on Green Computing Technologies, NCGCT-2015, Page No -41, ISBN:978-9384935-31-3, DSATM College, Bangalore, May 2015
- “Recognition of Vehicle Number from a Detected Number Plate”. National conference on Green Computing Technologies, NCGCT-2015 ISBN: 978- 93-84935-31- 3, May 2015

Conference Attended

NIL

Awards

NIL

Academic Activity

- Department Website Co-Ordinator
- Department Alumni Co-Ordinator
- Department Internship Co-Ordinator

Faculty Development Activity/Workshops

- Faculty Immersion Program on “AI For Educators”, by Smayan Foundation at DSATM, 22/08 - 26-08-2025
- FDP On "Data Science with Gen AI", Innomatics Research Labs, 18/07/2025
- 14th hands on training on “Genomics and Metagenomics” from July 29 to Aug1 2019.
- Data Science using Python Workshop on January 8 – 12, 2018
- NBA Workshop on 11-12-2017, 12-12-2017 & 13-12-2017
- Avenues in Image Processing & Pattern Recognition Techniques For Research Problem on 27-1-2016 & 28-1-2016

Contact Details

Shilpa M
 Asst Professor, Department of Computer Science and Engineering
 Dayananda Sagar Academy of Technology & Management Udayapura, Kanakapura Road
 Bengaluru-560082
 Mail ID: shilpa-cse@dsatm.edu.in