



## FACULTY PROFILE ON WEBSITE

|                                   |                           |                                                                                     |
|-----------------------------------|---------------------------|-------------------------------------------------------------------------------------|
| Faculty Name                      | Keerthana Shankar         |  |
| Academic Designation              | Assistant Professor       |                                                                                     |
| Educational Qualification         | MTech (PhD)               |                                                                                     |
| Experience in Teaching & Industry | 8.5 & 1.3                 |                                                                                     |
| Date of Joining                   | 15-02-2021                |                                                                                     |
| Official Email ID                 | Keerthana-cs@dsatm.edu.in |                                                                                     |
| Employee ID                       | 180504                    |                                                                                     |

### Educational Details

Ph.D. - Pursuing in VTU  
MTech Computer Science & Engineering in Maharaja Institute of Technology in Maharaja Institute of Technology, Mysore under VTU, Belgaum in 2016  
B.E, Computer Science & Engineering in Maharaja Institute of Technology, Mysore under VTU, Belgaum in 2014

### Professional Experience

Technical Associate at Rooman Technologies oct 2016-Dec2017  
Assistant professor at PES University Feb 2018-May 2020  
Whitehat Senior Educator June 2020- sept 2022

### Publications

- [1. Water Contamination Detection with Machine Learning and WSN](#)  
S Shalini, A Vasudev, KD Shree, G Yamini, K Shankar, HS Mangala  
2025 IEEE International Conference for Women in Innovation, Technology ...
- [2. A Multi-Model AI System for Visual Disorder Diagnosis: Amblyopia as a Case Study](#)  
G Yamini, KD Shree, A Vasudev, K Shankar, HS Mangala

2025 IEEE International Conference for Women in Innovation, Technology

3. [Prediction of Parkinson's Disease: An MLP Approach](#) NM Lutimath, HN Divya, V Bhavya, K Shankar, A Swathi, A Mamatha 2025 World Conference on Cutting-Edge Science and Technology (WCCEST), 1-5

4. [AI-Enhanced Phishing Defense & Real-Time Malicious URL Detection](#)

HS Mangala, K Shankar, KD Shree, HN Divya, A Swathi, AM Patil

2025 International Conference on Sustainability, Innovation & Technology

5. [Connect Skills Securely Using Blockchain](#)

International Journal of Research in Engineering and Science (IJRES) 13 (7)

6. [Campus Air Quality Monitor](#)

AD Keerthana Shankar<sup>1</sup> Adithya Prabhakar<sup>2</sup>, Ananya Reddy H<sup>3</sup>, Deebea Mushtaq<sup>4</sup>

International Journal of Scientific Research in Engineering and Management 9 (5)

7. [UNIFIED PAYMENT INTERFACE FRAUD DETECTION USING MACHINE LEARNING](#)

P Prof. Keerthana Shankar<sup>\*1</sup>, Chandan M<sup>\*2</sup>, Darshan B<sup>\*3</sup>, Pankaj Janwa<sup>\*4</sup>

International Research Journal of Modernization in Engineering Technology ...

8. [Skill connect Using Blockchain](#)

K Shankar Journal of Intelligent Decision Technologies and Applications 2 (1)

9. [Detection of phishing website using machine learning](#)

TJ Keerthana Shankar,U. Rithika<sup>2</sup>, Sathya M<sup>3</sup>, Vaishnavi Chitapur<sup>4</sup>

TIJER 11 (5)

10. [DETECTION OF PHISHING WEBSITE USING MACHINE LEARNING](#)

TJ Keerthana Shankar,U. Rithika<sup>2</sup>, Sathya M<sup>3</sup>, Vaishnavi Chitapur<sup>4</sup>

IJIRT 10 (Issue 8)

11. [Fortifying Security with Eye Ratio Authentication-Machine Learning](#)

TJ Keerthana Shankar,U. Rithika<sup>2</sup>, Sathya M<sup>3</sup>, Vaishnavi Chitapur<sup>4</sup>

TIJER 5 (Issue 8), 5

12. [Saas Billing System](#)

D Keerthana Shankar,Haripriya,Bhargav,Adarsh thomson

International Journal of Science, Engineering and Technology 13 (3)

### Academic Activity

Core ERP Committee coordinator  
NBA/NAAC Coordinator  
Cultural Coordinator

### Faculty Development Activity/Workshops

5 Day FIP on “AI Educator” from 18th to 23rd August 2025 in DSATM, Bengaluru  
5 Day FDP on IPR, Patent and Trademark from 13/02/2023 to 17/02/2023 in DSATM, Bengaluru  
FDP on Design and Analysis of Algorithms, NPTEL on 27/09/2023 in DSATM, Bengaluru  
3day National Level FDP on “Mobile Application Development -18CSMP68” at DSATM, Bangalore-82 from 22-03-2021 to 24-03-2021

### Contact Details

Keerthana Shankar  
Assistant Professor  
Department of CSE  
DSATM, Benagluru-560082