

## Mrs. KAVITHA M

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### Education

Sl. No.	Degree	Year	Institute	Specialization
1	B.E.	2003	Siddaganga Institute of Technology, Tumkur	CSE
2	M.Tech.	2011	Siddaganga Institute of Technology, Tumkur	CSE
3	Ph.D.	Pursuing	Siddaganga Institute of Technology, Tumkur	Natural Language Processing

### Professional Experience

Sl. No.	Date (from-to)	Designation	Organization
1	01/01/2011-Till the date	Assistant Professor	SIT
2	From 06/09/2004-31/12/2010	Lecturer	SIT

*(Please fill in reverse order. Current designation should be at the top)*

### Positions held

*(Please give details of any administrative posts, co Ordinator roles/ responsibilities held)*

### Affiliations of Professional organizations

Member: The Institution of Engineers (India) (IEI)

## Awards and Honors

## Courses Taught

### Undergraduate Courses

- Computer Concepts and C Programming
- Data Structures
- Computer Organization
- Analysis and Design of Algorithms
- Microcontrollers
- Object Oriented Programming with C++
- ARM Microcontroller and Embedded Systems
- Microprocessors
- Advanced Microprocessors
- Logic Design
- Computer Graphics
- System Software

### Postgraduate Courses

- Theoretical Foundations of Computer Science

## Research Guidance

Sl. no	Name of the Scholar	Title	Year of completion

## Research Areas

- Natural Language Processing
- Information Extraction
- Information Retrieval

## Sponsored Projects

### Ongoing Projects:

1. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:
2. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:

### Completed Projects:

1. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:
2. Title:  
Funding Agency:  
Amount:  
Duration:  
Role:

## Publications

### Journals

### Conference Proceedings

- Sagar, M.N., Kavitha, M., Srinivasa, K. *Tour-Easy: ML Integrated Trip Planner and Scheduler App*. 15th International Conference on Advances in Computing Control and Telecommunication Technologies Act 2024, 2024, 2, pp. 246–250.
- Tadas, S.R., Bipin Krishna, G.A., Manohar, B.N., Srinivasa, K., Kavitha, M. *Campus Compass: A Flutter-based Interactive Map for Campus Navigation*. 15th

International Conference on Advances in Computing Control and Telecommunication Technologies Act 2024, 2024, 1, pp. 1344–1351.

- Sreevineeth, G. K., Shivaneeth, P., Kavitha, M. *Face Mask and Social Distance Detection At Workplace*. Thirteenth International Conference on Advances in Communication, Network, and Computing – CNC 2022, pp. 602-609.
- Dushyanth S, Kavitha M, *Rear View Object Detection based on Camera Sensors*, Twelfth International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2021, July 2021, pp. 147-155.
- Chandrababha K S, Shwetha A N, Kavitha M, Dr. R Sumathi, *Real time-Employee Emotion Detection system (RtEED) using Machine Learning*, 3<sup>rd</sup> International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021), February 2021, pp. 759-763.
- Kavya, K. R., Kavitha, M. *Military message passing using consortium blockchain technology*. 5th International Conference on Communication and Electronics Systems (ICCES), June 2020, pp. 1273-1278. IEEE.
- Kavitha, M., Sunitha, N. R., Amberker, B. B. *A new transferable digital cash protocol using proxy re-signature scheme*. In *Computational Intelligence and Information Technology: First International Conference, CIIT 2011, Pune, India, November 7-8, 2011*. pp. 194-199. © Springer- Verlag Berlin Heidelberg 2011.

Book Chapters

Books

Editorial

Reviewer of Journals

*(Please give details in IEEE format)*

Editor/ Reviewer of Journal

Patents

Invited Lectures, talks and workshops