

## SHWETHA A N

Assistant Professor, Department of CSE, SIT

Contact: 6362375848

Email: shwethaan@sit.ac.in

Vidwan ID: 90855

Scopus ID: 57211297065

OrcID: 0000-0003-4981-1464

Faculty ID: SITF0711

### Education

	Degree	Year	Institute	Specialization
1	B.E	2010	Kalpatharu Institute of Technology	CSE
2	M.Tech	2012	R.N.S Institute of Technology	CNE

### Professional Experience

	Date (from-to)	Designation	Organization
1	From 25/08/2015	Assistant Professor	SIT
2	27/07/2012- 24/08/2015	Software Engineer	Cyient Limited

### Courses Taught

#### Undergraduate Courses

- Principles of Programming using C
- Object Oriented Programming with C++
- Java Programming
- Advanced Java
- Computer Graphics and Visualization
- Data Communication
- Design and Analysis of Algorithms
- Computer Networks
- Software Engineering
- Operating Systems

### Research Areas

- Machine Learning

- Blockchain Technology

## Publications

### Journals

- An Automated Certificate Validation System Using Blockchain Technology for the Hiring Process
- IOT based android application for smart bridge monitoring system
- Conference Proceedings
- Machine Learning-Based Fake News Detection System Using Blockchain
- Machine Learning based Smart Crop Recommendation System
- Blockchain-Based Solution for Trusted Charity Donations
- Real time-employee emotion detection system (RtEED) using machine learning
- A Comprehensive Review of Blockchain based Solutions in Food Supply Chain Management
- Blockchain - Bringing Accountability in the Public Distribution System

### Book Chapters

- A Survey on Mobile Application Development Models
- A survey on data auditing approaches to preserve privacy and data integrity in cloud computing

## Invited Lectures, talks and workshops

- Workshop on Machine Learning Techniques at Shreedevi Institute of Technology, Tumakuru.