



**Ms. Supriya Sanjayrao Gadekar**  
Assistant Professor, Department of Information Technology

 gadekar.scoe@sinhgad.edu

**OVERVIEW:**

**Qualifications:** Ph.D.(Pursuing), ME (Computer Engg), BE (CSE)  
**Experience:** Teaching -12 years  
**Date of Joining STES:** 26/10/2021  
**Skills and Proficiencies:** JAVA, Cloud Computing, Python,

**AREA OF EXPERTISE /RESEARCH INTERESTS:**

- Image Processing
- Clustering

**NUMBER OF STUDENTS GUIDED:**

- UG – 32+ Groups

**RESEARCH PULICATIONS:**

**Publication Summary:**

Publication Summary  
Scopus - 01  
International Journals - 6  
Conference - 02

<https://scholar.google.com/citations?hl=en&user=PRopR5wAAAAJ=en>

**RESEARCH WORK:**

Research on Finding anomaly with fuzzy rough C-means semi-supervised approach

- Outlier Detection (fraud detection , voting irregularity analysis, data cleansing, clinical trials)

The FC-ANN (Artificial Neural Network) is used to speed up the technique. The anomaly Outlier detection is primary in various data-mining applications. Outlier detection methods have been suggested for number of application such as , fraud detection , voting irregularity analysis, data cleansing, clinical trials ,network intrusion, severe weather prediction, geographic information system.

## NOTABLE GUIDED PROJECTS:

### PG projects:

- Research on Finding anomaly with fuzzy rough C-means semi-supervised approach  
- Outlier Detection (fraud detection , voting irregularity analysis, data cleansing, clinical trials)

## SUBJECTS TAUGHT:

- Object Oriented Programming
- Operating System
- Computer Networking
- Data Science and Big Data Analytics
- Distributed System
- Data Structure and Algorithm
- Information Storage and retrieval
- Theory of Computation

## CONFERENCES ATTENDED:

- Attended 2020 national Conference on Artificial

## FDP/STTP/SDP ATTENDED:

- FDP-7
- STTP-2
- FOP-3

## RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:

### 1.Institute Level (SCOE)

- Working as a CAP Co-Ordinator of the Institute since August 2024.
- Institutional Faculty coordinator of Google Developers Students Club.

### 2.Department Level (IT)

- Departmental BE Coordinator.
- Departmental IQAC Coordinator
- Criteria 1 Coordinator.
- Departmental Alumni Coordinator.
- NIRF, Ranking Committee member.
- PPT , Report Writing Coordinator.
- Web Fest Technical Event Coordinator.
- Course and Program feedback Coordinator.
- FE Admission Coordinator

## DECLARATION:

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: / / 2024

Signature