

**Faculty Name:** Prof. SACHIN KUMAR PATIL

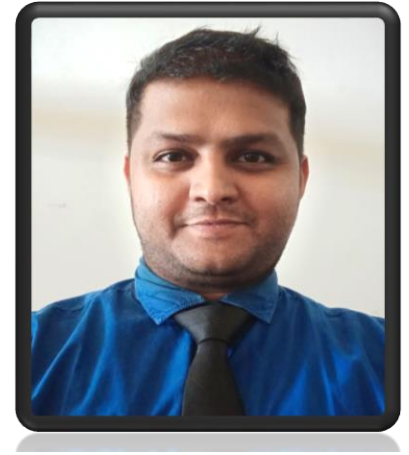
**Department:** Computer Science & Engineering

**Qualification:** B.E, M.Tech.

**Experience in Years:** 7

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### **INTERESTED AREAS**

- 4G & 5G Communication System
- Internet of Things
- Industrial Automation
- Automotive Embedded System
- Artificial Intelligence
- Machine Learning
- Data Analysis

### **CERTIFICATIONS**

1. **Apple 10.9 Professional Support Certification.**
  - by Apple Inc.
2. **A Professional Certificate on Masters in Embedded Systems and Automation.**
  - by Livewire India Pvt. Ltd.

### **AWARDS / RECOGNITION**

**DISTINGUISHED SERVICE AWARD** by Livewire at Global Achiever Conference-19 in Le-Meridian, Kochi on June 11th,2019.

### **PATENT PUBLISHED**

1. **Industrial Safety Monitoring and Accident Reporting System using IOT**, on 25th Dec, 2020.
2. **Women Safety using Intelligence of Things** on 14<sup>th</sup> April, 2021

## **PUBLICATIONS**

- 1. System Capacity Improvement in LTE.**
  - International Conference: ICNIC-2015, SVCE.
- 2. Data Aggregation & Transfer in Data Centric Network Using Spin Protocol in WSN.**
  - Journal: International Journal on Recent and Innovation Trends in Computing and Communication.
- 3. Design of Microstrip Patch Antenna using Ads Tool.**
  - Journal: International Journal on Recent and Innovation Trends in Computing and Communication.
- 3. Face Recognition Using PCA Method.**
  - Journal: International Journal on Recent and Innovation Trends in Computing and Communication.
- 4. Vehicle Health Monitoring System Using ARDUINO and IOT.**
  - Journal: International Journal on Recent and Innovation Trends in Computing and Communication.
- 5. Design of Antilock Braking System Based on Wheel Slip Estimation.**
  - International Conference: Advances in Physical Sciences and Materials [ICAPSM 2020]

## **WORKSHOP PARTICIPATIONS**

- 1. Faculty Orientation Program for First Time Teachers.**
  - [From 25-01-2016 To 30-01-2016] [6 Days]
  - Organized by: VTU Academia for Staff Development, Mysuru.
- 2. Faculty Development Program on Magic of Making Teaching Effective.**
  - [From 13-02-2016 To 14-02-2016] [2 Days]
  - Organized by: SKSVMACET, Laxmeshwar.
- 3. Faculty Development Program on Developments of applications using Raspberry Pi and Simulink using IOT.**
  - [From 20-06-2016 To 24-06-2016] [5 Days]
  - Organized by: BVBCET, Hubballi
- 4. Faculty Development Program on Recent Trends in 4G/5G Wireless Mobile Communication.**
  - [From 11-07-2016 To 16-07-2016] [6 Days]
  - Organized by: M S Ramaiah Institute of Technology, Bengaluru.
- 5. Workshop on Wireless Sensor Network.**
  - [From 05-05-2016 To 06-05-2016] [2 Days]
  - Organized by: Govt. Engineering College, Haveri.

**6. Faculty Development Program on IOT using Arduino & Raspberry Pi.**

- [From **01-08-2017** To **05-08-2017**] [5 Days]
- Organized by: **GMIT, Davangere.**

**7. Faculty Development Program on Advances and Development with EDA tools in Embedded & Communication**

**Design for Researchers.**

- [From **11-12-2017** To **23-12-2017**] [15 Days]
- Organized by: **Sri Venkateshwara College of Engineering, Bengaluru.**

**8. Faculty Enrichment Program on Signals & Systems.**

- [From **15-01-2018** To **20-01-2018**] [6 Days]
- Organized by: **VTU, Belgaum.**

**9. IEEE IPR Workshop 2018.**

- [From **25-08-2018** To **25-08-2018**] [1 Days]
- Organized by: **VTU& IEEE Bengaluru.**

**10. Faculty Development Program on 5G Communications.**

- [From **06-01-2020** To **11-01-2020**] [6 Days]
- Organized by: **Ramaiah Institute of Technology, Bengaluru.**

**11. Online Workshop on Universal Human Values.**

- [From **02-05-2020** To **06-05-2020**] [6 Days]
- Organized by: **AICTE, New Delhi.**