



Mrs. Trupti Ganesh Thite

PHD(Appearing,GHRCEM),M.E. (Digital System), B.E. (Electronics and Telecommunication Engineering)

Assistant Professor

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Experience: 8.3 years

Research Interest

Embedded Applications, Digital Image Processing, Internet of Things.

Research Publications and Citations

International Journal : 3

Google Scholar citations :18

Workshop/Seminar Attended

1. One Week FDP on Data Sciences
2. One Week FDP on Cyber Security
3. Image Processing -Advances and Research Challenges-5 day FDP
4. Intellectual Property (IP) and Patent Lifecycle Management-1 day workshop
5. Faculty Orientation Workshop on subject "IoT", BE Revised Syllabus 2015 course
6. Faculty Development Program on Arduino-Basics, Applications & Hands on Practice
7. Faculty Development Program on subject "Electronics Devices and circuits", SE Revised Syllabus 2015 course
8. Faculty Development Program on subject "Mobile Communication", BE Revised Syllabus
9. National level conference on "Emerging Trends in Engineering and Technology"
During February 28 & 29, 2012 conducted by VPCOE, Baramati.
10. Attended workshop on "writing Effective conference Paper" organized by IITB.

Workshop/Seminar Organized

- Two workshops conducted on "Introduction to Arduino" in academic year 2019.

UG Project guided/ PG Project guided

- Stock Detection Using LDR
- Women Protection Through Location Identification
- Self Propelled 2D Plotter Implementation
- Digital stepper motor controller
- Automatic water dam gate controller

Subjects Taught

- Internet of Things
- Embedded System and Internet of Things.
- Digital Electronics and Logic Design.
- Microcontroller and Applications.
- Electronics and Electrical Engineering.
- Basic Electronics Engineering.
- Electronic Devices and Circuits.

Publications

1. Cluster of Image Quality Measures for Image Enhancement" Journal of Research in Image and Signal Processing Volume 3 Issue 3
2. Cloud Ready Ultrasonic Sensor (HC-SR04) and DHT11 Using Raspberry-pi and Thing Speak" Journal of Network Security Computer Networks e-ISSN: 2581-639X Volume 5 Issue 1
3. Self Propelled 2D Plotter Implementation-IJISRT
4. A High Capacity Steganography Scheme for JPEG2000 using SPIHT Algorithm Indian Journal of Electrical and Biomedical Engineering
5. Review on binary image steganography and watermarking International Journal on Computer Science and Engineering
6. Presented poster on "Automatic Silkworm Egg Counting Mechanism for Sericulture", in zonal level competition "Avishkar 2011" organized by University of Pune.
7. Presented paper during ePGCON 2012, held at Cummins College of Engineering for Women, on April 23 and 24.