


Faculty Name	Dr. PRAKASH JADHAV.	
Designation	Associate Professor	
Educational Qualification	B.E, M.Tech., Ph.D, MIEEE, MISTE	
Experience	19 years	
Email-ID	pcjadhav12@gmail.com	

Area of Interest:

- Multimedia Communication
- Video & Image Processing

Membership in Professional Bodies:

- **Life member** - Indian Society of Technical Education (ISTE) ID: LM 94779
- **Member** – IEEE ID-92531535

Awards/Recognitions/achievements:

1. R & D Center of ECE department has developed the teaching aid for giving overview of the subject Multimedia Communication for 7th semester students. This is the unique teaching aid being used for the first time in VTU engineering college, Dr. Dinesh K. Anvekar & Dr. Prakash Jadhav have together developed this with the encouragement from the HOD Dr. Sateesh Kumar H.C.
2. **GPS Satellites based accurate clock with analog clock hands** : A unique accurate digital clock based on GPS signals and displaying time like traditional clocks with 3 hands has been developed by the students and faculty of the Sapthagiri College of Engineering. Dr. Dinesh K. Anvekar, Dr. Prakash Jadhav, and Dr. Satheesh Kumar H. C., the professors in the Department of Electronics and Communication Engineering of the Sapthagiri College of Engineering.

Publications: International/National Journals

International Journal

1. Prakash Jadhav, G.K. Siddesh, "Bandwidth oriented Image Compression using Neural Network with ASAF", International Journal of Neural Networks and Advanced Applications (NAUN), ISSN: 2313-0563, Vol 5, pp 25-32, 2018.
2. Prakash Jadhav, Sai Eshwar K R, "Bandwidth Reduction Of Video Compression Using ANN For Virtual Multimedia", International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume IX, Issue VI, pp 1830-1840, JUNE/2019.
3. Prakash Jadhav, Lakshminarayana. M and Ambli Nair, "A Novel Approach for

Cardiac Arrhythmia Detection Using FPGA”, MVJCE Online Journals. Aug-2018 (Under Review).

4. Prakash Jadhav, G.K. Siddesh, "Codec with Neuro-Fuzzy Motion Compensation & Multi- Scale Wavelets for Quality Video Frames", International Journal of Image, Graphics and Signal Processing (**IJIGSP**), Vol.9, No.9, pp.11-17, 2017. DOI: 10.5815/ijigsp. 2017.09.02
5. Prakash Jadhav, G.K. Siddesh, “Near Lossless Compression of Video Frames using Soft Computing Technologies in Immersive Multimedia” International Journal of Soft Computing and Engineering (**IJSCE**) ISSN: 2231-2307, Volume-4 Issue-6, pp 16-24, January 2015.
6. Prakash Jadhav, Yeshwanth, “Design and Fabrication of a Multitasking Agricultural Robot with Stairs Climbing Capacity”, International Journal Of Current Engineering And Scientific Research (**IJCESR**), Vol. 5, Issue 5, pp 70-73, 2018.

International Conference

1. Prakash Jadhav, G.K.Siddesh, “Neuro-Fuzzy Nod Restitution and Multi-Scale Wavelets for Superiority Video”, International Conference on Advanced Computing, Networking, and Informatics 2017, Recent Findings in Intelligent Computing Techniques(**SPRINGER**), Vol 3, pp 599-606, 04 November 2018.

National Conferences

1. Prakash Jadhav “Wireless Monitoring & Measuring Vital Body Signs Using Wearable MEMS Sensor” in KNOWLEDGE UTSAV National Conference, SBMJCE, Bangalore, 14th Aug 2010, **Awarded: Best Paper Presentation**
2. Prakash Jadhav, “Video Transmission in Multicast Scheduling Shared-WDM-PON for Broadcast” in NCCVS-13, KSSEM, Bangalore, pp 222-228, 17th April 2013.
3. G.B.Manukumar, Prakash Jadhav “Smart car- park assistance System (scpas) using multiple Security options” in NCCVS-13, KSSEM, Bangalore, pp 358-361, 17th April 2013.
4. Shashi Kumar D, Prakash Jadhav ,Ravikiran B. A, “ VLSI Implementation of an Efficient Adaptive Edge enhanced Sobelised Image Scalar for Multimedia Applications on FPGA” in NCCVS-15, KSSEM, Bangalore, 20th April 2015.
5. Prakash Jadhav, Sandeep kumar, “Advanced Canny Edge Detector Design, Implementation Synthesis and Simulation on FPGA” in NCCVS-16, KSSEM, Bangalore, 28th April 2016.
6. Prakash Jadhav, Shilpa, Shalini, Abdul, Nitin, “Advanced Biometric Based Attendance Monitoring Using Hand Held Device”, in Resent Trends in