



SRINIVAS UNIVERSITY

College of Engineering and Technology
Mukka, Mangalore-574146, Karnataka (India)

Research Centre for Vision and Video Analysis



Prof. Nagaraja N S

The Centre for Vision and Video Analysis focused on basic and applied research in various aspects of Computer Vision. Works are being done on development of real-time embedded systems for various applications based on Image and video processing.

Objectives

The research focuses on following areas:

- Human Action/Activity Recognition in Video
- Event Recognition in Video
- Prediction of Events/Activity in Video
- Multiple Object Tracking in Video
- Development of application systems that work in real time and useful to society

Publications

- Multipurpose Information Hiding Techniques In An Image, IJIRT, Volume 5 Issue 2 July 2018 (with Rashmi and Sowmya)
- Abnormality Detection in Video Stream using Histogram of Optical Flow Orientation SVM Classifier, IJATIR, ISSN 2348-2370 Vol.09, Issue.07, June-2017, Pages:1232-1238 (with Rashmi and Ashwin Kumar)
- Restoration of Images Corrupted by Mixed Gaussian Impulse Noise with Weighted Encoding, IRJET, e-ISSN: 2395-0056 Volume: 02 Issue: 03, June-2015 (With Om Prakash V Bhat & Shrividya G)

Working Papers

- Tracking multiple objects and human in video Sequences.
- Activity analysis and Prediction of Events.

Projects

- Behavior monitoring system for Elderly people using Image Processing on Raspberry Pi.
(KSCST Sponsored 2017-18)
- Smart Vehicle Information System (KSCST Sponsored 2012-13)

Research Associates:

- Mr.Omprakash Bhat
- Ms.Sowmya
- Ms.Rashmi