



# SRINIVAS UNIVERSITY

## College of Engineering and Technology

Mukka,Mangalore-574146, Karnataka (India)

### Research Centre for Image Enhancement

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**Prof.OM PRAKASH V. BHAT**

Om Prakash V. Bhat, Completed his B. E. From K V G C E-Sullia, M. Tech from NMAMIT-Nitte, has 4 years of industrial and 6 years of experience in the field of RADAR and Microwaves. Presently He is working as Assistant professor in the Dept. of EC at SUCET-Mukka, Mangaluru. Image denoising of space images, Electro magnetics, Micro waves are some of the field of interest.

#### **Research Center Overview:**

This research center concentrates on different noise removal methodologies and techniques for the all kind of images. At present, only few type of images are considered for noise removal process under image processing. This research center working to expand it to all type of image as well as real time images with help of Matlab tool.

#### **Objectives:**

Data can be in the form of text, image, audio and video. During the image transmission the images are affected by many types of noise. Removal of noise from the original image is critical and challenging work. The noise spreading does not have any predefined model, due to which quality of image reduces. This research area is very important in many branches of medical fields, space technology etc.

**Publications:**

“Restoration of Images Corrupted by Mixed Gaussian Impulse Noise with Weighted Encoding”,  
Om Prakash V. Bhat, Nagaraj N.S., International Research Journal of Engineering and Technology  
(IRJET) e-ISSN: 2395 -0056 Volume: 02 Issue: 03 | June-2015, page no. 235-241

**Working Papers:**

- Mixed noise removal of images from Weighted Encoding technique
- Receiving the images and processing the image from mechatronic device called as “hornithopters”.