



Sri Chandrasekharendra Saraswathi Viswa Maha Vidyalaya University
Department of Electronics and Communication Engineering

SCSVMV/ECE/IRD/IR/086

Date: 08.02.2016

Sub: Minutes of 22nd Research Colloquium meeting organized in ECE department on 05/02/16
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1. The Department of ECE organized the 22nd “Research Colloquium” on 05/02/16, in Seminar Hall at 4.00 pm.

2. The following staff members were Present

Dr.J.Vaideeswaran
Dr K.Umapathy
Dr S.Om Kumar.
ShriG.Senthilkumar
Shri A.Rajasekaran
Shri.S.Vijayaraghavan.
Mrs.R.Jayalakshmi.
Shri.B.Chandrasekaran.
Shri. S.Selvakumar.
Shri.M.Vinoth.
Shri. D.Muthukumaran
ShriJ.Vinoth Kumar
Shri R.Palani.

3. Research Scholar: Mr.S.V.Aswin Kumer, PhD Scholar-External (ECE)
Assistant Professor, ECE, Pallavan College of Engineering, Kanchipuram.

Research Topic : A NOVEL IMAGE FUSION APPROACH FOR MEDICAL IMAGES USING
HIGH RESOLUTION IMAGE ENHANCEMENT TECHNIQUE

Synopsis : Topic of Research Colloquium is a Medical Images Using High Resolution Image Enhancement Technique. In this presentation, he discussed about Image Fusion is defined as the integration of low resolution Multispectral (MS) image and high resolution Panchromatic image to acquire better information of the remote area. The real problem here is, in existing techniques, the fused image is evaluated in terms of PSNR, MSE & entropy and compared with both source images. As we already know that, one of the source images has low resolution, obviously the fused image will be better. Also we realized that there is few contributions have been proposed to improve the fused image, which is post processing of the fused image. Hence in our work, we work on the fused image to improve the results in terms of PSNR, MSE and entropy. Image fusion based on wavelet domain transformation shows promising results, thus in our work it is utilized. After this fusion process, the image enhancement techniques is used, so that we can prove that our results are more accurate than any of the source images and fused images.

4. File Photo of the Colloquium



6. Research Colloquium was organized by A.Rajasekaran, Assistant Professor, ECE department.

A.Rajasekaran
(Research Colloquium coordinator)

Dr.J.Vaideeswaran
(HOD/ECE)

Encl:

1. Attendance Sheet.

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