

Vasavi College Of Engineering

Department Of Computer Science & Engineering

A Report on two day workshop on “Recent Trends and Research Opportunities in Image processing” conducted during Aug 24th-25th,, 2012.

The Department of Computer Science and Engineering organized a two day workshop on “Recent Trends and Research Opportunities in Image processing” during 24-25, August, 2012.

Objectives of the Workshop

- To bring out awareness about the recent trends and advances in Image Processing.
- Insight into the research opportunities in Image Processing.
- To motivate and inspire teaching faculty to do research in Image Processing.

Inauguration



The Dr. T. Adilakshmi,CSE HOD inaugurated the workshop with her welcome speech, which inspired the participants to take up Research in the area of image processing.

The Special address given by the Pincipal of VCE, Dr. I. V. Rao, was focused on the Research and development activities at VCE and the basic infrastructure and support from management.



Day -1, Technical session-1

Dr.Senthil Kumar,NRSC, Hyderabad, given a lecture on “Image Enhancement and Image Restoration”. The speaker presented in detail on image transformations , filtering in spatial and frequency domain, modeling image degradation function, and image restoration.



Day -1, Technical session-2

Dr. Chakravarthy Bhagvati, Professor, Dept. of Computer & Information Sciences, University of Hyderabad, spoken on "Color Image Processing and Image Segmentation". The Speaker initiated lecture on the science of color and made the entire session colorful. He also explained different image segmentation algorithms effectively.



Day -2, Technical session-2

Dr. Rajarshi Pal, Assistant Professor, Institute for Development & Research in Banking Technology (IDRBT), Hyderabad delivered talk on "Computational Visual Attention Systems". The speaker explained the bottom-up and top-down approaches that drive visual attention and models of attention.



Day -2, Technical session-1

Dr. P.J.Narayanan, Professor, IIIT, Hyderabad discussed on "Image processing to Computer Vision". He explained the goals and achievements of computer vision. Also delivered an in depth content on detectors and descriptors.



Day -2, Technical session-3

Dr. I.V . Murali Krishna given demonstration on "Image Fusion Techniques". He has given many examples and applications of image fusion. The speaker interacted with the participants by asking questions and answering queries posed by participants.



The participants were given the certificate of participation. The workshop was closed with a graceful note by Dr. T. Adilakshmi, HOD, CSE by thanking the

management, the principal for their timely valuable inputs for organizing the workshop, the speakers for enlightening the sessions with their knowledge levels in their area of expertise, the participants for making the workshop interactive and the organizing committee for working hard towards the successful completion.