

Report of One day workshop On Fundamentals of Image Processing

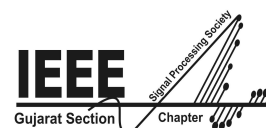
2nd August, 2014

Organized by

Department of Electronics & Communication, CKPCET

In association with

IEEE Signal Processing Society Gujarat Section



Coordinators:

Dr. Mita C. Paunwala, Associate Professor, ECED, CKPCET

Prof. Amisha J. Shah, Assistant Professor, ECED, CKPCET

Expert Faculties:

(1) Dr. Mita C. Paunwala, Associate Professor, ECED, CKPCET

(2) Prof. Amisha J. Shah, Assistant Professor, ECED, CKPCET

(3) Prof. Mayana J Shah, Assistant Professor, ECED, CKPCET

(4) Mr, Jayesh Jivarani, Lecturer, ECED, CKPCET

(5) Ms. Nikita Malhotra, Lecturer, ECED, CKPCET

Brief details:

The workshop was scheduled on 2nd August 2014, at the Seminar Hall, D2 building, CKPCET. Total 57 enthusiastic participants (including faculties and UG students) had enrolled for the workshop from different colleges around the Gujarat. Workshop consists of two technical sessions followed by hands on session on fundamental modules and different applications of Image Processing.

First session was conducted by **Dr. Mita C. Paunwala**, about “**Fundamentals of image processing**”. The session gave ground truth information about image processing. The session provided valuable and basic information on image formation, image resolution and different image enhancement Techniques.

Second session was conducted by **Prof. Amisha J. Shah** about “**Image Super Resolution and its applications**”. The main focus of the session was on how to improve resolution of an image while zooming it.

Fundamental modules like effect of different filters on various types of noise and applications like image super resolution in wavelet domain were discussed during lab session by **Dr. Mita Paunwala, Prof. Amisha Shah, Prof. Mayana Shah, Mr. Jayesh Jivarani** and **Ms. Nikita**

Malhotra; so that participants can further review and get motivation to apply it for future use. **Mr. Chintan B. Desai** had set up computer laboratory for the workshop.

Workshop ends with the certificate distribution to the participants. At the end of workshop, participants shared their view, and based on that, we can conclude that they really enjoyed all technical sessions of “Workshop on Fundamentals of Image Processing”. The workshop moments were captured by **Prof. Vijayendra Desai**.

Feedback report of the participants is attached here:

