

## REPORT FOR GUEST LECTURE

---



No.6, MunuAdhi Nagar, Sankarapuram, Near Walajabad,  
KanchipuramDist – 631 605. Ph: 044 – 2729 0096

### GUEST LECTURE ON “IMAGE PROCESSING”

**Guest of honor:** Dr. K. Rajakumar, Associate Professor, VIT University, Vellore.

**Date:** July 11<sup>th</sup>, 2017

**Time:** 10.00-12.30 PM

**Venue:** Seminar Hall, ECE Block, Adhi College of Engineering and Technology

**Organizer:** Mrs. K. Banupriya, Assistant Professor, Department of Computer Science and Engineering

**Attending students:** Third and Final years of CSE

#### ABOUT THE SEMINAR

One day Guest Lecture on Image Processing for third and final year students was organized by the Department of Computer Science and Engineering on 11<sup>th</sup> July, 2017. There were total of 85 participants, who attended the seminar, among them 46 from third year and 39 from final year. The expert was invited from VIT University, Vellore.

In imaging science, image processing is processing of images using mathematical operations by using any form of signal processing for which the input is an image, a series of images or a video, such as a photograph or video frame; the output of image processing may be either an image or a set of characteristics or parameters related to the image. Most image-processing techniques involve isolating the individual color planes of an image and treating them as two-dimensional signal and applying standard signal-processing techniques to them. Images are also processed as three-dimensional signals with the third dimension being time or the z-axis.

The motive of this seminar was that students can understand the technologies in the area of Image Processing. Also, it could be beneficial to the students for developing a novel project work.

# REPORT FOR GUEST LECTURE

---

## TOPIC COVERED

- Applications of Image Processing
- Digital imaging
- Image analysis
- Image compression
- Image sharpening
- Image smoothing
- Multidimensional systems
- Photo manipulation

## STUDENTS FEEDBACK

The session was highly informative and interesting.

## VISITOR FEEDBACK

The hospitality provided by the college was excellent. The students were very interactive and obedient.

## PHOTO GALLERY



## REPORT FOR GUEST LECTURE

---

