

1. Image Processing Workshop using MATLAB :

On 28th, 29th and 30th September 2012 TESLA in association with i3indya Technologies organized a workshop on IMAGE PROCESSING USING MATLAB. This was a National Level Workshop in which about 90 students from various disciplines (EEE, ECE, and CSE) participated with great enthusiasm, out of which 20 students were from other colleges. The workshop was inaugurated by Dr. Renee Borges, IISC Bangalore and Board of governor's NIT Goa. The workshop was coordinated by Ms Anudevi Samuel (Faculty, NITG) and trainer was Mr Nitish Pandey.

The workshop started with introduction to image processing i.e. conversion from RGB to Grayscale, calculating pixels etc. The workshop started with very basic level of image processing and ended doing simple projects which was very interesting and easily understandable.

The following topics were covered during the workshop:

- ↳ Introduction to Image & PIXEL
- ↳ Introduction to Image Processing Toolbox
- ↳ Image Reading & Actions
- ↳ Object identification & Video Processing
- ↳ Convergence of Image Processing with Robots

The following projects were covered during workshop:

- ↳ Traffic Light Controller
- ↳ Anti- Theft Machine
- ↳ Finger print detection
- ↳ Calculator, PIANO, GAME
- ↳ Face Recognition
- ↳ Finger print detection

