



Late Shri Vishnu Waman Thakur Charitable Trust's  
**VIVA Institute of Technology**  
Shirgaon, Virar (East), Dist: Palghar-401305, Maharashtra  
Website: www.viva-technology.org



*Department of Electronics and Telecommunication Engineering*

## REPORT

IETE Approved Two Day Workshop

On

**“IMAGE PROCESSING USING MATLAB”**

07<sup>th</sup> & 08<sup>th</sup> September, 2017

The banner features the VIVA Institute of Technology logo on the left and the IETE logo on the right. The text reads: **VIVA INSTITUTE OF TECHNOLOGY**, workshop on **IMAGE PROCESSING**, Using Matlab. Below the text is a collage of images: two dogs in snow, two dogs in a field, a Ferris wheel, and two portraits of an elderly man.

**Organized by: Prof. Chitra Takle**

**FACULTY Co-ordinator**



**Department of Electronics & Telecommunication Engineering**

**Date: 7<sup>th</sup> September, 2017.**

**Venue: VIVA Institute Of Technology, Shirgaon.**

Electronics & Telecommunication Engineering Department of VIVA Institute of Technology organized a two day workshop on “**IMAGE PROCESSING USING MATLAB**” under the banner of IETE on **7<sup>th</sup> & 8<sup>th</sup> September, 2017.**

The program started by greeting the speakers Mr. Thayyal sir and his team.

The workshop was basically based on Image processing concept using the MATLAB software which was conducted by **Mr. Thayyal sir** as the speaker and a team of volunteers who guided the participants.

The event was a success with very positive feedback from the participants. The speech by the Principal **Dr. Arun Kumar** was an inspiring one that covered the broad future scopes of the field. The Principal being an encouraging one who said that for such events where in student development is involved, he will always be supportive. In the speech given by **Mrs. Archana Ingle**, H.O.D of EXTC, students gained an idea of how this workshop can be utilized to take creative projects in the field of Image Processing. The Faculty In-charge **Ms.Chitra Takle** and the IETE Committee Student Forum of “VIVA INSTITUTE OF TECHNOLOGY” headed by **Ms. Saloni Vartak** as Chairman and **Mr. Omkar Bhushankar** as Vice Chairman along with the other committee members managed the event very perfectly with no loops.

Mr. Thayyal sir and his team introduced themselves to the participants and enlightened them about the fantastic and intriguing field of **Image Processing** and narrated their various achievements and their future plans.

The topics that were covered are as follows:-

- Explanation on what is Image Processing?
- Importance of Image Processing.
- Basic programming related to Image Processing concept.
- Brief description of future scope on Image Processing.

The PPTs and the codes that were discussed and explained by the Mr. Thayyal sir and his team, the projector were made accessible to the participants via their own laptops during the course of the workshop for better understanding of the topics discussed.

**Date: 8<sup>th</sup> September, 2017**

**Venue: VIVA Institute Of Technology, Shirgaon.**

The session on day 2 of the workshop started by 10.00 am .On second day of the workshop competitions was held by Mr. Thayyal sir based on innovative ideas and programming.

Topics that were discussed were:

- Introduction and program based on Image Processing.
- Image histogram, Edge detection concepts.
- Object recognition.
- Programming on face detection.
- Brief explanation on 6<sup>th</sup> sense technology.

The Day ended with valedictory function which was handled by chairman **Ms. Saloni Vartak** and Vote of Thanks speech was given by Vice chairman **Mr. Omkar Bhushankar.**

The workshop organized by Electronics and Telecommunication Department under IETE was worth fruitful for all the Students of VIVA Institute of Technology.



