

Workshop on Digital Image Processing and Machine vision 25th June - 29th June 2019



The manufacturing industry could not remain to be competitive with-out computer-driven machine inspection as part of its process. Through Image processing and computer vision, such automatic machine inspection process can be carried out. This workshop will focus on the fundamentals of Digital Image Processing, Computer Vision, and also their application to industrial automation. Each topic will have both theory and practice. The practice session will be handled in MATLAB/PYTHON. The target participants for this workshop include faculty and research scholars working in the area of image processing, computer vision, Machine Vision and Mechatronics, and also UG/PG students doing the project in the allied areas. This workshop will enable participants to design and implement machine vision systems to solve real-world problems encountered in industrial automation

www.iiitdm.ac.in

Registration

To register, fill in the online application form. Registration starts from 4 June 2019 and ends by 22 June 2019.

Limited seats are available, and registration is accepted based on first come first serve basis. In case of reaching the target number, registration will be closed.

Note: Hostel rooms will be allocated based on request.

Fee Details

For faculty: 2000 Rs/-
For students: 1000 Rs/-

Workshop on MV TLC 2019

- 1) Click the given link and Tick Checkbox → Proceed
- 2) State of Corporation/Institution → Tamilnadu
- 3) Type of Corporation/Institution → Educational Institutions
- 4) Educational Institutions Name → IIITDM-EDUCATIONAL EVENTS
- 5) Select Payment Category → MV TLC 2019

Fill up the registration form providing the transaction details in the form. Goto:
<https://www.onlinesbi.com/sbicollect/icollecthome.html>

Registration Link

https://docs.google.com/forms/d/e/1FAIpQLSeJV_zykVW7deLt8HI8pz5uyUzPCpnNo2W-pgsCtD5zF3Wz2TQ/viewform

Important Dates

- Registration Closes: 22 June 2019
- Workshop Duration: 25 June-29 June 2019

Topics

- ◆ Image Operations
- ◆ Affine Transforms
- ◆ Camera Calibrations
- ◆ Image Segmentation
- ◆ Image Scaling and Rotation
- ◆ Filtering in Frequency Domain
- ◆ Image Restoration and Application
- ◆ Computer Aided Inspection
- ◆ Stereo Vision and Application
- ◆ Biometrics
- ◆ Image based Process Control

Correspondence

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