

**Two Days National Workshop on
DIGITAL IMAGE PROCESSING**

USING LabVIEW

22nd & 23rd March 2019

REGISTRATION FORM

Name:
Designation:
Department:
Organization:
Address.....
.....
.....
Mobile No:.....
Email.....
Reg. Category:
Student/FT Research Scholars/Faculty
D.D. No. Date.....
Amount.....
Details of Bank.....

Signature of the Applicant

Place:

Date:

REGISTRATION FEE

Students/
FT Research Scholars* : Rs. 1,500/-
Faculty : Rs. 2,000/-

(Inclusive of all taxes)

* Students/FT Research Scholars have to
produce college ID card

Filled up registration form and
demand draft drawn in favor of
“**PSG CNCE**” payable at **Coimbatore** to be
sent to the coordinator on or before
15.03.2019.

As limited number of seats is
available, selection of candidates will be on
first come first served basis. Registration
form can also be downloaded from the
college website.

Co-ordinators

Dr.S.KANTHALAKSHMI

Mr.S.NAVANEETHAN

Mrs.G.PRADEEPA

Address for Correspondence

The Coordinator
Digital Image Processing Using LabVIEW
PSG-NI Virtual Instrumentation Centre
PSG College of Technology
Peelamedu, Coimbatore 641004
Tel: 0422-4344777, 2572177
Fax: 0422-2573833
Email:psgvicentre@gmail.com
snn.ice@psgtech.ac.in
Mob. +91 9788474942

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Organized by

**PSG-NI Virtual Instrumentation
Centre**

PSG COLLEGE OF TECHNOLOGY

Peelamedu, Coimbatore 641004

Tel: 0422-4344777, 2572177

Website: www.psgtech.edu



ABOUT THE CENTRE

PSG-NI Virtual Instrumentation Centre is a collaborative centre started in the year 2000 by PSG College of Technology and National Instruments (NI), USA which is the first centre in India in the field of Virtual Instrumentation. Intensive training programmes and short term courses on LabVIEW programming are continuously organized by the centre for the students and faculty of engineering colleges and professionals from research organizations and industries. The centre also organizes research workshops in the fields of control systems, machine vision and image processing, real time applications with LabVIEW and Arduino. The centre received Best Graphical System Design Lab award when the award was first instituted by NI.

ABOUT THE WORKSHOP

Over the past five decades, digital signal processing has evolved as a major engineering discipline. The fields of signal processing have grown from the origin of fast Fourier transform and

digital filter design to statistical spectral analysis and array processing, image, audio, and multimedia processing.

LabVIEW is a most widely used visual/graphical system design platform and development environment for data acquisition, instrument control and industrial automation.

This workshop aims at giving hands-on experience of implementing Digital Image Processing algorithms using LabVIEW graphical programming.

WHO CAN ATTEND

Faculty from engineering colleges, Students and research scholars will be benefitted.

TOPICS COVERED

- ✦ Introduction to Image Processing
- ✦ Image processing algorithms
- ✦ Medical image processing
- ✦ Applications of image processing in industries
- ✦ Image sensor and setting up an Image Acquisition (IMAQ) system

- ✦ Introduction to Vision assistant and vision development module in LabVIEW
- ✦ Implementation of image processing algorithms in LabVIEW

VENUE

PSG-NI Virtual Instrumentation Centre
Y-Block, III Floor,
PSG College of Technology, Coimbatore

IMPORTANT DATES

Last date for registration : 15.03.2019
Intimation of selection : 17.03.2019
(Through Email)

ACCOMMODATION

Accommodation can be arranged at PSG Tech Hostel at a nominal rate. As limited accommodation is available participants are requested to confirm in advance.

