

About the College

PSG College of Technology, established in the year 1951 by PSG & Sons' Charities, is an ISO 9001 - 2015 certified, Government aided, autonomous institution, affiliated to Anna University, Chennai and it is accredited by NAAC. PSG Tech is equipped with several state-of-the-art Centre of Excellence that include TIFAC-Core in Product Design, Machine Tool Research Centre, Tool and Die Centre, Engineering Design Centre, Centre for Nano-Technology, Centre for Robotics and Centre of Excellence for Welding Engineering and Technology. Under the banner of PSG Industrial Institute, there are on-campus manufacturing units of machine tools, pumps, motors and an off-campus foundry division located in Neelambur. Furthermore, PSG Tech has established a very good network with industry, research institutes, alumni and entrepreneurs.

About the Department

As manufacturing activities play a major role in the development of the Country.PSG College of Technology envisaged the need for trained manpower in manufacturing and thus the undergraduate programme in Production Engineering was started in the year 1975. Subsequently, the department grew in several dimensions of academic excellence with time. B.E Production Engineering programme has been accredited till 2025 by National Board of Accreditation (NBA). All the laboratories of the department are well equipped with state-of-the-art facilities for carrying out research. The department offers training and consultancy services in manufacturing processes, design and testing a range of products and product styling.

How to reach PSG CT?

PSG CT campus is located at Avinashi road, Peelamedu, Coimbatore. The campus is about 6 km from Coimbatore railway station, 5.4 km from Coimbatore international airport and 4.3 km from Gandipuram bus stand.

Last Date for Registration: 10th November 2022

Registration Fee (including 18% GST)
Faculty Members, Research Scholars & Students of
Engineering colleges : 1,180 /-
Industry Persons : 1,800/-
Only Limited Number of Seats

Payment Details

Account Name : PSG Center for Nonformal and
Continuing Education
Account Number : 1481267367
Bank Name : Central Bank of India
Branch : Peelamedu, Coimbatore
Bank IFSC Code : CBIN0280913

Payment should be done only through **IMPS/ NEFT/ Gpay** and submit the proof of payment during online registration.

Register here: <https://forms.gle/hRjNtPpPQZCtAaqi8>

Convenor

Dr.M.Senthil Kumar
Professor and Head

Department of Production Engineering
PSG College of Technology, Coimbatore - 641 004

Organizing Team

Dr.M.R.Pratheesh Kumar, Associate Professor
Dr.R.Rajamani, Asst. Professor (Selection Grade)
Mr.K.Saravanakumar, Asst. Professor (Senior Grade)

Department of Production Engineering
PSG College of Technology, Coimbatore - 641 004
Phone : 0422-4344147, 4344448
Extn. : 4697, 4507
Mobile No : 94428 15532 / 95007 36666
E-mail : mrp.prod@psgtech.ac.in
rrm.prod@psgtech.ac.in &
ksk.prod@psgtech.ac.in

PSGCNCE

Organizes

One-day Workshop on Machine Vision System & Metrology

12.11.2022



Conducted by

DEPARTMENT OF PRODUCTION ENGINEERING
PSG COLLEGE OF TECHNOLOGY
COIMBATORE- 641 004

Metrology Laboratory

The metrology laboratory in the Department of Production Engineering has been set up with the aim of catering to the needs of researchers and industry in the domain of industrial metrology. This laboratory is being upgraded every year with the state-of-the-art equipment.

Objectives

The main objectives of this programme are to

- Create awareness among the engineers on the latest development of machine vision based metrology and its applications in industries.
- Provide exposure to various standards and calibration procedure of basic measuring instruments.
- Demonstrate the measurement capabilities of gauges using R & R study.
- Demonstrate the measurement of surface texture of machined components.

Course Coverage

Hands on training in

1. Machine vision system
2. Calibration and uncertainty calculations of basic instruments
3. Surface roughness measurement
4. Gauge R & R study

Venue

Metrology and Machine Vision Laboratory

Y Block- Second Floor,
Department of Production Engineering
PSG College of Technology
Coimbatore - 641 004.



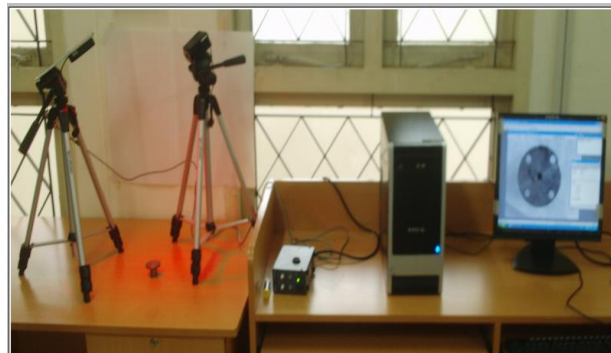
Comparator



Dial Gauge Tester



Micrometer



Machine Vision System

One-day Workshop on Machine Vision System & Metrology

12.11.2022

(Timings: 09.00 am – 4.00 pm)

Registration Form

Name : _____
Designation : _____
Organization : _____
Address : _____
City : _____
District & : _____
State : _____
Pin Code : _____
Mobile No. : _____
E - Mail : _____

Payment Details

Payment Mode : **IMPS / NEFT / Gpay**
Reference Number : _____
Transaction Date : _____
Amount : _____

Date: _____ Candidate's Signature

We are sponsoring the above delegate(s) to attend the programme.

Date: _____ Signature

Designation