

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 industries, 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.

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.

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: 06th October 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/aVsQYm6ihizHje9k9>

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)

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PSGCNCE

Organizes

One-day Workshop

on

Coordinate Metrology

08.10.2022



Conducted by

DEPARTMENT OF PRODUCTION ENGINEERING

PSG COLLEGE OF TECHNOLOGY

COIMBATORE- 641 004

Coordinate Measuring Machine

Mass production and precision manufacturing demands measuring instruments with the capability to provide precise and accurate measurements. They must be capable of measuring the features of components with minimum labour and time. This requires a powerful software which is not in-built in most of the conventional instruments. Coordinate Measuring Machine (CMM) is one of such powerful measuring machines incorporated with software which can measure the dimensions of intricate shapes and Geometric Dimensioning & Tolerancing (GD&T) features.

Objectives

The main objectives of this programme are to

- Create awareness among manufacturing engineers, students and faculty members on the latest developments in coordinate metrology.
- Highlight the features and applications of coordinate measuring machine.
- Make the participants understand the features of GD & T.
- Enable the participants to operate CNC CMM and use the software for dimensional measurement with hands-on training experience.

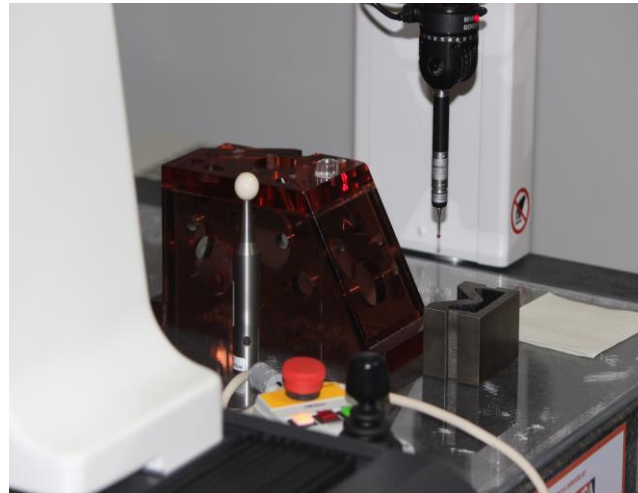
Course Coverage

- Functions and system components of CMM
- Probe data management
- Modes of operation
- Geometric dimensioning and tolerance
- Measuring entities
- Results and report generation

Venue

Metrology and Machine Vision Laboratory

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



CNC-Coordinate Measuring Machine

One-day Workshop on Coordinate Metrology

08.10.2022

(Timings: 09.00 am – 4.00 pm)

Registration Form

Name : _____
Designation : _____
Organization : _____
Address : _____
City : _____
District : _____
State : _____
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