



**PSG Institute of Advanced Studies
Coimbatore 641 004**

&



**PSG College of Technology
Coimbatore 641 004**

Announces

One Day Workshop on



CMM Applications on GD & T

28th July, 2018

Venue:

**Centre for Advanced Tooling & Precision Dies
PSG INSTITUTE OF ADVANCED STUDIES
I Block, Room No.I 112, Avinashi Road,
Peelamedu, Coimbatore-641 004.**

PSG INSTITUTE OF ADVANCED STUDIES

Announces

**One Day Workshop on
CMM Applications on GD & T**

In our one day **Workshop** Participants will learn to:

- Explain the benefits of GD&T
- Evaluate tolerances for size, form, orientation, and location
- Interpret feature control frames for each GD&T symbol
- Determine correct datum usage and how it affects manufacturing and inspection
- Calculate "bonus" tolerance for MMC and LMC
- Apply geometric tolerances to drawings
- Know how to Inspect the GD&T and other dimensions in CMM and evaluate the results

TARGET AUDIENCE

This program is designed for personnel to get familiarize and proficient with the concepts and practices of GD&T. Particular emphasis is placed on those who are responsible for specifying and interpreting technical documentation in design field.

WHO CAN ATTEND

Teaching Professionals, Quality Engineers, Design Engineers, Final Year PG/UG Engineering students are to name the few who can get benefited through this program and subsequently taken to the next level.

OBJECTIVES

- To provide participants with the knowledge of proper datum feature selection and specification.



- To provide understanding of the more difficult GD&T symbols such as profile, form and position.
- To provide hands of training on CMM to show how the GD&T are measured and analyzed for improvement.

REASONS FOR ATTENDING

Your drawings have GD&T on them! If you have been through the GD&T Basic Level, and you need more knowledge and skill to increase your effectiveness, this course is for you. In this program, we focus on the advanced concepts of GD&T - another step closer to becoming a GD&T expert. And also we emphasize on how it can be measured and how to analyze the results

PROGRAM OUTLINE

The program begins with a review of GD&T, continues with lecture and exercises designed to enhance knowledge and build confidence. The Program also deals about Coordinate Measuring Machine, Functions and Applications and with a practical demo on inspection of various components for dimensions and GD&T requirements.

This class consists of lecture and participation format

**You can download the brochure from the website:
www.psgias.ac.in**

Coordinators of the Workshop:

Dr. V. Krishnaraj – 9788454142

Email: skr.prod@psgtech.ac.in

Mr. M. Parthiban – 9025072727,

Email: mpn.mech@psgtech.ac.in

Please write "CMM Applications on GD&T Workshop" on the envelope and send your registration form along with D.D. in favour of "PSG Institute of Advanced Studies" payable at Coimbatore on or before 25th July 2018 to:

The Co-ordinator
Centre for Advanced Tooling and Precision Dies
PSG INSTITUTE OF ADVANCED STUDIES
I Block, Room No.I 112, Avinashi Road,
COIMBATORE 641 004.
Ph: 0422 4233000 / 4344750

REGISTRATION FEE

Per participant: Rs. 1250/-(Incl. of GST)

PROGRAMME SCHEDULE

Session	Timings	Details
	8:30 - 09:00	Registration
	09:00 - 09:15	Welcome Address Chief Guest Address Vote of Thanks
	09:15-09:30	Tea
Session 1	09:30 - 10:30	Introduction of GD&T MMC & LMC Principles
	10:30-10:45	Break
Session 2	10:45-11:15	Introduction to CMM
Session 3	11:15 - 12:00	5 Groups of GD & T : Interpretation of drawings with GD&T
Session 4	12:00 - 13:00	CMM Parts & Functions [Theory]
	13:00 - 14:00	Lunch
Session 5	14:00 - 15:15	Practical Demo
	15:15 - 15:30	Tea
Session 6	15:30 - 17:00	Practical Demo & further analysis
Session 7	17:00 - 17:30	Q&A Session
-		Issuing Certificates
		Conclusion

REGISTRATION FORM

PSG INSTITUTE OF ADVANCED STUDIES
COIMBATORE – 641 004.

One Day Workshop on CMM Application on GD & T
28th July, 2018

First Name _____

Designation _____

Department _____

Organization _____

City _____

Mailing address _____

Phone/Mob. No. _____

Email ID _____

Demand draft No. _____

_____ dated _____ in favour of
"PSG Institute of Advanced Studies" for an amount of
Rupees One Thousand Two hundred Fifty (Rs.1250/-)
drawn on bank _____ payable at
Coimbatore, India.

Date:

Place: _____ Signature of the applicant

Approving authority
(Signature and Seal)