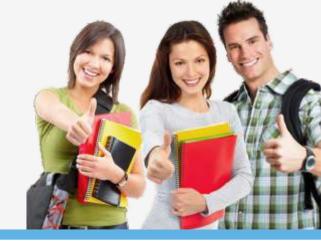
# GD&T TRAINING



# **CURRICULUM**

### » Engineering Drawing

- Anatomy Of drawing
- Orthographic Projection
- Angle Projections
- Dimensioning
- Spacing and Readability
- Dimension placement
- View Placements

### » Limits, Fits and tolerances

- Factors influencing fits
- Hole base system and shaft based system
- Fundamental deviations
- IT Grades
- Difference between tolerance and allowance

### » GD&T

- Geometric Tolerance
- Advantages
- Symbols
- Feature control frame
- Tolerance groups
- Hierarchy of GD&T
- 4 Rules of GD&T
- Maximum material condition
- Least material condition

- Regardless of features
- Bonus tolerance
- Datum/Datum feature
- Datum Reference
- Datum target
- Degree of freedom
- Explanation of 14 geometric symbols

### » Surface Roughness

- Surface texture
- Orders of Geometrical irregularities
- Micro Geometrical error
- Surface Measurement Lengths
- Terminologies
- Evaluation of Surface roughness
- General indication of surface texture on drawings
- Requirements of Machining
- Direction of lay

Partners:













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### GURGAON

1808/2, 2nd floor old DLF, Near Honda Showroom, Sec.-14, Gurgaon (Haryana)

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### GHAZIABAD

1, Anand Industrial Estate, Near ITS College, Mohan Nagar, Ghaziabad (U.P.)

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### PITAMPURA (DELHI)

Plot No. 366, 2nd Floor, Kohat Enclave, Pitampura, (Near- Kohat Metro Station) Above Allahabad Bank, New Delhi- 110034.

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