

# 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 :



Java



development | consultancy | training

E-mail: [info@ducatindia.com](mailto:info@ducatindia.com)

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#### NOIDA

A-43 & A-52, Sector-16,  
Noida - 201301, (U.P.) INDIA  
☎ 70-70-90-50-90  
☎/☎ +91 99-9999-3213

#### GURGAON

1808/2, 2nd floor old DLF,  
Near Honda Showroom,  
Sec.-14, Gurgaon (Haryana)  
☎ 70-70-90-50-90

#### 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.  
☎ 70-70-90-50-90

#### SOUTH EXTENSION (DELHI)

D-27, South Extension-1  
New Delhi-110049  
☎ 70-70-90-50-90  
☎ +91 98-1161-2707