



# Aditi Consultancy Services

#2, 'ANANDA', 19th Cross, 24th Main, J P Nagar 5th Phase, Bangalore - 560 078

Phone: 080-26580711; Mobile: 9449612671

Email: [training@aditiconsultancy.com](mailto:training@aditiconsultancy.com); [enquiry@aditiconsultancy.com](mailto:enquiry@aditiconsultancy.com)

Web - <http://www.aditiconsultancy.com>

## Geometrical Dimensioning & Tolerancing - (2 days)

Date	Topic
Day-1	Introduction to GD&T; Benefits of GD&T
	Geometric Tolerance Symbols; Modifier Symbols; Features of size; Material conditions; Actual Mating Envelope; Feature Control Frame Placement
	GD&T Rules
	Straightness of Surface and Axis
	Maximum Material Principle; Bonus tolerance; Virtual Condition; Functional Gauges
	Flatness, Circularity and Cylindricity
	Representation of Datums; Datum Feature Simulators; Datum Reference Frame; Datum targets
Day-2	Parallelism, Perpendicularity & Angularity
	Concentricity and Symmetry
	Circular Run-out and Total Run-out
	Comparison of Circularity, Concentricity and Run-out
	Comparison of square and round tolerance zones
	Tolerances of Position
	Profile of a Line and Profile of a Surface
Exercises; Questions and Answers	