



Senior GD&T Trainer Profile

SWAPNIL GUJARATHI

Senior GD&T Trainer: ASME-GD&T & ISO-GPS

(Certified ASME GDTP - Senior Level)



CADSaga Consultancy Services,
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- **24 years of design experience in Plastics & Sheet metal Product Design & Development**
- **14 years of Training experience in GD&T / GPS / Tolerance Stack-up Trainings**
- **Functional consulting on GD&T / GPS / Tolerance Stack-up Projects**
- **ASME-USA Certified, Senior-Level GD&T Professional (GDTP S-3737)**
- **Offering Functional GD&T and Tolerance Stack-up Consultancy Services to OEM's :**
 - Existing GD&T drawings review
 - Functional Datums Review
 - Error-proofing
 - Functional Gauge Designs
 - Correct Inspection strategy per standards for all 14 GD&T symbols and CFT Issues resolved
 - Correct GD&T scheme
 - Cost reduction using GD&T
 - Global best practices of GD&T implementation
 - Fixture Designs per GD&T
- **Delivering trainings on ASME GD&T** (per ASME Y14.5 2009 / 2018 Standard).
- **Delivering trainings on ISO-GPS Geometrical Tolerancing** (per latest ISO-GPS Standards ISO 8015, ISO 1101, ISO 5458, ISO 5459, ISO 1660, ISO 2692, ISO 2768-1, ISO 2768-2, ISO 14405-1, ISO 14405-2, ISO 22081, ISO 10579, and other companion standards).
- Delivered more than **600 training programs** on 'ASME GD&T' / 'ISO-GPS Geometrical Tolerancing' / 'Tolerance Stack-up Analysis' - Onsite classroom & Online.
- Trained more than **11000 engineers** on 'ASME GD&T', 'ISO-GPS GD&T' and 'Tolerance stack-up Analysis' in **India, USA, UK, Germany, Saudi, Switzerland, China, Malaysia & Singapore.**

- Expert in Online trainings using 'Microsoft Teams' / 'WebEx' / 'GoToMeeting'
- **3 Years USA** work experience at John Deere Tractors, Charlotte, NC
- **3 months Malaysia** work experience for GD&T and Tolerance Stack-up consulting
- 3 Full Program-Level Tractor Design Experience at **John Deere Tractors, USA**
- Expert in **Product Life Cycle Management**
- **GD&T CERTIFICATION FROM ASME, USA**
 - GDTP Senior-Level Certified Professional GDTP S-3737 (Expired)
- **SKILL SETS**
 - Exterior styling plastics product design and development
 - Functional consulting on ASME Y14.5 Standard & ISO GPS Standards
 - Hands on Tolerance stack-up Analysis experience
 - Sheet Metal & Die Casting product design and development
 - Hands-on experience of injection & compression plastic mold design
 - Plastics Product Designs & developments: Injection molding, Blow molding & Rotational
 - Creo Parametric 8.0 & CATIA V5 Expertise
- **EDUCATIONAL QUALIFICATIONS**
 - **Post Graduate Diploma** in International Business (PGDIB) **Symbiosis, Pune**
 - **Post Diploma** in Plastics Mould Design (PD-PMD) **CIPET, Ahmedabad**
- **PATENT DISCLOSURES**
 - 2 patent disclosures for John Deere X20 Tractor Styling in USA.
- **WORK EXPERIENCES**

		
		

‘ASME GD&T’ / ‘ISO GPS GD&T’ / ‘TOLERANCE STACK-UP’ TRAINING OFFERINGS

CADSaga’s “ASME GD&T / ISO GPS GD&T ” Trainings (Online / Classroom)			
Sr	Training Name	Standard	Duration (Online / Classroom)
1	GD&T (Per ASME Y14.5 2009 / 2018 Standard)	ASME Y14.5	20 hours / 3 Day
2	Advanced GD&T (Per ASME Y14.5 2009 / 2018 Standard)	ASME Y14.5	20 hours / 3 Day
3	ASME GDTP Senior-Level Prep Course (Basic GD&T + Adv GD&T + Mock Test)	ASME Y14.5	36 hours / 5 Day
4	GD&T - Masterclass (per ASME Standard) (Basic GD&T + Adv GD&T + Tolerance Stack-up Analysis)	ASME Y14.5	36 hours / 5 Day
5	ISO GPS: Geometrical Tolerancing (GD&T)	ISO GPS	20 hours / 3 Day
6	ISO GPS: Advanced Geometrical Tolerancing (GD&T)	ISO GPS	20 hours / 3 Day
7	ISO GPS - Masterclass (Basic+ Intermediate + Advanced concepts of Geometrical Tolerancing)	ISO GPS	36 hours / 5 Day
8	Tolerance Stack-up Analysis	ASME Y14.5 / ISO GPS	20 hours / 2 Day
9	Tolerance Stack-up Analysis: Advanced	ASME Y14.5 / ISO GPS	20 hours / 3 Day
10	GD&T Functional Gauge Design	ASME Y14.5	20 hours / 3 Day
11	Mock Test : ASME GDTP Technologist Level Certification	ASME Y14.5	Self paced
12	Mock Test : ASME GDTP Senior Level Exam Certification	ASME Y14.5	Self paced

- For more than 14 years, we have been conducting GD&T trainings and consultations with a focus on tolerance management according to ASME Standard and ISO GPS standards. Our customers are companies from almost all industrial sectors, such as Automotive, Aerospace.Tier-1 & Tier-2 suppliers, Large and special machine construction, medical technology, Precision engineering, Measurement technology and Electrical engineering and electronics.
- Below is an excerpt from our reference list. We would be pleased to be able to count you among our customers soon.

ASME GD&T / ISO GPS GD&T / TOLERANCE STACK-UP CLIENTELE

				
				
				
				
				
				
				
				
				
				
				
				

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ASME GD&T / ISO GPS GD&T / TOLERANCE STACK-UP CLIENTELE

 IAC International Automotive Components	 SAM Singapore	 KNORR BREMSE	 BP	 ideaForge™ Create. Inspire
 Putzmeister	 varroc	 Technosoft Engineering Innovation • Reliability • Flexibility	 INDO-MIM® COMPLEXITY SIMPLIFIED	 stryker®
 RAW Technologies Singapore	 CNH INDUSTRIAL	 Pinnacle INDUSTRIES		

Thank You !