

Training Agenda for Design and Detailing using Solidedge

Introduction of machine drawing with Geometrical Dimensioning & Tolerancing	
Basic features for part modelling	Introduction to Sketching
	Basic Part Modelling
	Patterning
	Revolved Features
	Helix and thicken
	Cross Section
	Modifying surface (Remove face, Offset face,,,,,)
Basic features of part and assembly modelling	Editing, design changes
	Family of Parts (Configuration)
	Bottom-Up Assembly Modelling
	Using Assemblies
Basic features for surface modelling	Introduction to Surface modelling
	Basic Surface creation
	Basic curves
	Patterning
	Extending and Trimming
	Splitting and Stitching features
Advanced surface modelling	Swept : Single Sweep and Multi Sweep
	Replace Face
	Boolean operations : (i) Add material (ii) Remove Material (iii) Intersection
	Copy and offset surface
	Bounded surface
	Bluesurf feature
Advanced part modelling	Multibody Solids
	Part copy
	Part properties

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Advanced part modelling	Sweeps
	Lofts
	Other Advanced Tools
Advanced assembly modelling	Top-Down Assembly Modelling
	Advanced Mate Techniques
	Using Configurations with Assemblies
	Assembly Editing
	Assembly Display States
	Large Assemblies
Detailing	Drawing Sheets and Views
	Dimensions
	Annotations
	Sheet Formats and Templates
	Assembly Drawing Views
	Bill of Materials and Tables
	Settings in drawings
Sheet Metal	Modelling Sheet Metal Parts
	Sheet Metal Forming Tools
	Additional Sheet Metal Features
	Converting Parts to Sheet Metal
Solidedge File management	Edit links
	Saving Files
	File References
Queries resolution, Tool test for the topics covered	

First half will be theory session and second half will be hands on,
for the topics covered on that particular day.