MILESTONE PLM SOLUTIONS Pvt. Ltd

UG NX 8 - CAD CAM

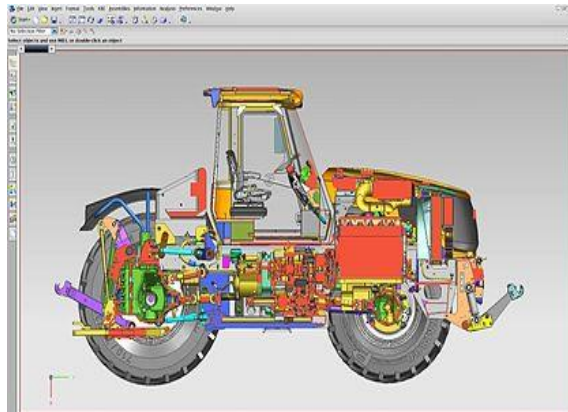**ADVANCE CAD CENTRE**

➤ Solid Modeling

- ⓦ Introduction
- ⓦ Creating Parts
- ⓦ Getting parts geometric information
- ⓦ Sketcher mode
- ⓦ Dimensioning, planes
- ⓦ Extruding, Revolving, Sweep features
- ⓦ Parametric Modeling
- ⓦ Modifying parts using History
- ⓦ Adding Fillet, Chamfer Shell and Draft
- ⓦ Creating Patterns
- ⓦ Material

➤ Assembly

- ⓦ Creating Assembly Model
- ⓦ Defining Assembly constrains
- ⓦ Interface detection
- ⓦ Weight calculation

➤ Drafting

- ⓦ Plotting various views
- ⓦ Exploded Views and BOM
- ⓦ Dimensioning
- ⓦ Section, Detail and Auxiliary views
- ⓦ Annotations, Symbols and Datums

➤ Surfacing

- ⓦ Creating lofted features
- ⓦ Creating advance sweep features
- ⓦ Creating Tweak features
- ⓦ Modifying features
- ⓦ Advanced surface modeling

➤ Sheet metal

- ⓦ Introduction to sheet metal
- ⓦ Bend, Jog, Dimple, Flange feature
- ⓦ Hole, Cut & Lofted Flange feature
- ⓦ Creating flat pattern, DXF Out

Application / Users

- General Motors
- Maruti
- Nissan
- Ashok Leyland
- Mahindra
- L&T
- Crompton
- Bharat Forge

➤ Machining

- ⓦ Basic machining introduction
- ⓦ Cutters selection
- ⓦ Selection of speed and feed
- ⓦ Various types of operations.
- ⓦ Tool paths for 2 and 3 axis.
- ⓦ Loops, verification of tool path
- ⓦ Alteration of Tool paths
- ⓦ Converting Tool paths to controller specific program

➤ Extra Features

- ⓦ Import, Export using NX
- ⓦ NX File Management
- ⓦ **Blue Print Reading.**

Siemens PLM Software

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DURATION : 2 Months