

No. of Day	Day wise Topics
Day 1	<ul style="list-style-type: none"> Introduction to CAD DESK Intro to CAD, CAM & CAE Basic Layout NX CAD and its Application, Advantages
Day 2	Interface of NX CAD, Mouse and Keyboard function, Basic commands (Save, Open, Import, Export.)
Day 3	Sketch Sketching, Sketch in task environment, Sketch curve
Day 4	Sketch Constraint, Dimensions
Day 5	Practice/Doubt Clearing Session
Day 6-7	Design feature Extrude, Revolve, Datum plane, Datum axis, Datum CSYS, Datum point
Day 8	Practice/Doubt Clearing Session
Day 9	Design feature Block, Cylinder, Cone, Sphere Hole, Boss, Pocket
Day 10	Design feature <ul style="list-style-type: none"> Pad, Emboss, Slot, Groove Rib, Draft, Thread
Day 11	Design feature <ul style="list-style-type: none"> Pattern, Mirror, Unite, Subtract, Intersect Sew, Un- sew, Join face
Day 12	Design feature Trim body, Split body, Trim sheet, Extend sheet, Un-trim, Divide face, Delete edge, Delete body
Day 13	Design feature Shell, Thicken, Scale, Offset, Draft, Chamfer, Edge blend, Face blend
Day 14	Practice/Doubt Clearing Session
Day 15	Assembly <ul style="list-style-type: none"> Basics Add Create New Pattern Mirror
Day 16	Assembly <ul style="list-style-type: none"> Move Constraints Assembly Constraints Exploded Views

Day 17	Assembly Connections drop down, Exploded view
Day 18	Practice/Doubt Clearing Session
Day 19	Sheet metal Basic introduction, Bend, Flange, Counter flange, Hem flange, Lofted flange, Jog
Day 20	Sheet metal Corner basic, Closed corner, Three bend corner, Break corner, Chamfer
Day 21	Sheet metal Punch, Dimple, Louver, Drawn Cutout, Bead, Solid punch, Gusset
Day 22	Sheet metal Feature, Normal cutout, Pattern, form, Unbend, Rebend, Resize bend radius, Resize bend angle.
Day 23	Practice/Doubt Clearing Session
Day 24	Drafting Introduction, View creation wizard, Base view, Update view, Section view
Day 25	Drafting Annotations, Dimensions, Tables
Day 26	Drafting Custom symbol, Drawing format
Day 27	Practice/Doubt Clearing Session
Day 28	Surface Introduction to surfacing Through curve, Swept, Face blend, Aesthetic, Face blend, Bridge, Blend corner, 4-point surface, Fill surface.
Day 29	Surface Extract geometry, Offset surface, Trim sheet, Trim body, Extend sheet, Trim & Extend, Snip, Sew, Patch, Thicken
Day 30	<ul style="list-style-type: none"> X form I form Match edge Enlarge
Day 31-35	Major project