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BOKKA SHANMUKH VARUN TEJA

Student ID: 76126A

has completed the following course

PTC Creo Parametric : CAD Professional

21hr,40min

Total Duration

116

No. of Lessons

Beginner

Level of the Course

Issued on **8th November 2021**

Certificate Link: **[learnmall.in/cert/NIB376126A](https://www.learnmall.in/cert/NIB376126A)**

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Learning Summary



BOKKA SHANMUKH VARUN TEJA (Student ID: 76126A)

has completed the following course

" PTC Creo Parametric : CAD Professional "

- ▶ Course Segmentation: **Design > Mechanical Design > CREO**
- ▶ Duration: **21 hours 40 minutes**
- ▶ Level: **Beginner**
- ▶ No. of Lessons: **116**
- ▶ Issue Date: **8th November 2021**

Course Syllabus

▶ Sketch Geometry Creation

- L-3 Create Circle and use different type option
- L-4 Create Arc and different type option
- L-5 Create Line- tangent and use different type option
- L-6 Create Rectangle and different type Option
- L-7 Create Ellipse and different type option
- L-8 Create Spline and use different option
- L-9 Create Text and Option
- L-10 Geometric Construction Option
- L-11 Geometric Selection Method
- L-12 Set working directory

▶ Sketch Geometry Modification

- L-1 Fillet Option
- L-2. Chamfer Option
- L-3 Offset Option
- L-4 Thicken Option
- L-5 Palette Option
- L-6 Construction Datum Option
- L-7 Modify Option
- L-8 Mirror Option
- L-9 Divide Option
- L-10 Delete Segment
- L-11 Corner Option
- L-12 Rotate Resize Option
- L-13 Constrains Options
- Exercise File For Sketcher

▶ Solid Geometry Creation

- L-1 Introduction About Working Window Of Solid Creation
- L-2 Extrude Command Part-1
- L-3 Extrude Command Part-2
- L-4 Object Creation With Clip Model Option
- L-5 Visual Style And Parallel Or Perspective View 1 To 2

- L-6. Revolve Command
- L-7 Create Pulley With The Help Of Revolve Command
- L-8 Sweep Command
- L-9 Variable Sweep Section
- L-10 Helical Sweep
- L-11 Create Thread With The Help Of Helical Sweep

▶ Advanced Drawing Objects

- L-12 Volume Helical Sweep
- L-13. Create Twist Drill With The Help of Volume Helical Sweep
- L-14 Swept Blend Command
- L-15 Create Crank Hook With The Help Of Swept Blend
- L-16 Blend Command
- L-17 Create Part With Blend Command
- L-18 Rotational Blend Command Part-1
- L-19 Create Object With Rotational Blend Command

▶ 3d Geometric Modification

- L-1 Hole Command
- L-2 Round Command
- L-3 Auto-round Command
- L-4 Chamfer Command
- L-5 Corner Chamfer Command
- L-6 Draft Command
- L-7 Variable Pull Direction Draft Command
- L-8 Shell Command
- L-9. Profile Rib Command
- L-10 Trajectory Rib Command
- L-11 Mirror Command
- L-12 Pattern Command
- L-13 Geometry Pattern
- L-14 Toroidal Bend Command
- L-15 Create Part With The help of Toroidal Bend Command Part-1

- L-16 Create Part With The help of Toroidal Bend Command Part-2
- L-17 Spinal Bend Command
- L-18. Create Part With The Help of Spinal Bend Command
- L-19 Cosmetic Commands
- L-20 Designated Area And ECAD Area Commands
- L-21. Lattice Command
- L-22 Model Properties
- L-23 User Defined Feature Command
- L-24 Family Table Command
- L-25 Orient And Section Commands

► Sheetmetal Module

- L-1 Offset Feature
- L-2 Roll Bend In Planer Bend
- L-3 Angle Bend In Planer Bend
- L-4 Bend Feature, Unbend Feature, Bend Back Option
- L-5 Flat Option
- L-6 Flange Option
- L-7 Twist Operation
- L-8 Punch Form
- L-9 Sketched Form
- L-10 Convert To Part In Sheetmetal

► Surface Module Commands

- L-1 Trim Option
- L-2 Extend Option
- L-3 Merge Option
- L-4 Offset Option
- L-5 Intersect Option
- L-6 Create Elliptical And Square Helical Path With The Help Of Intersect Option
- L-7 Project Option
- L-8 Thicken Option
- L-9 Solidify Option
- L-10 Boundry Blend Option
- L-11 Fill Option
- L-12 Create Mouse With The Help Of Surface Commands

► Assembly Module

- L-1 Assemble Part With Constrains
- L-2 Create Simple Assembly (Marine Type Connecting Rod End)
- L-3 Feed Check Valve Assembly
- L-4 Create Part In Active Assembly
- L-5 Apply Material In Assembly Drawing
- L-6 Create Orient And Section In Assembly Drawing
- L-7 Create Animation for Assemble And Disassemble Drawing

► Layouts, Printing and Outputs

- L-1 Creation Of Main View And Projection View
- L-2 Change The Model Scale And Sheet Size

- L-3 View Style, View Display And Visible Area
- L-4 Section View Creation And View States
- L-5 Different View And Add New Model In Sheet
- L-6 Creation Of Dimension In Drawing View
- L-7 Create Ordinate Dimension And Note
- L-8 Generate Bill Of Material

► Material and Rendering Module

- L-1 Apply Material In Drawing
- L-2 Rendering In Drawing
- L-3 Set Scene In Drawing
- L-4 Set Environment In Drawing
- L-5 Set Light In Drawing
- L-6 Set background In Drawing

► Mechanism Module

- L-1. Nut And Bolt Mechanism
- L-2 Simple Gear Mechanism
- L-3 Slider Crank Mechanism
- L-4 Piston Cylinder Mechanism
- L-5 Cam Follower Mechanism

► Manufacturing Module

- Part Creation
- Facing Operation - 1
- Facing Operation - 2
- Pocket Milling Operation - 1
- Pocket Milling Operation - 2
- Through Pocket Operation
- Chamfer Operation
- Fillet (Round) Operation
- Drilling Operation
- Multiple Drilling Operation

► Mold Design Creation

- Mold Design Creation - 1
- Mold Design Creation - 2

► Mill Machine Module

- Mill Machine Setting
- Milling Operations
- Mill Toolpath Introduction and Stock Set-up
- Facing Operation - Selection Method
- Facong Operation - Toolpath Setting
- Facing Operation - Simulation
- Modify Facing Operation - Different Toolpath Style
- Mody Facing Operation - Change Depth of Cut
- Slot Operation
- Slot Operation - Simulation
- Slot Operation - Depth of Cut Passes
- Pocket Milling Operation
- Pocket Milling Operation - Simulation

- Pocket Milling Operation - Roughing Cutting Method
- Pocket Milling Operation - Depth of Cut
- Pocket Milling Operation - Different Type
- Pocket Milling Operation - Open Type - 1
- Pocket Milling Operation - Open Type -2
- Pocket Milling Operation - Draft Angle Type
- Area Milling Operation
- Area Milling Operation - Simulation and Depth of Cut
- Area Milling Operation - Different Type
- Blend Mill Operation
- Blend Mill Operation - Cutting Method
- Blend Mill Operation - Different Type
- Slot Milling Operation
- Countour Milling Operation
- Contour Milling Operation - Different Type
- Dynamic Milling Operation
- Swept 2D Milling Operation
- Swept 2D Milling Operation - Different Type
- Swept 3D Milling Operation
- Revolved Milling Operation
- Engrave Milling Operation
- Model Chamfer Milling Operation
- FBM (Feature Based Milling) Operation

► Hole Making Module

- Drill Operation
- Countersink Operation
- Counterbore Operation
- Circle Mill Operation
- Helix Bore Operation
- Thread Mill Operation