

Online Winter Internship

On

Industrial Design (SolidWorks)

Internship Modules:

Module 1: Part Designing

- Sketch (Dimensioning, Stability, Mirror, pattern)
- Extrude
- Cut Extrude
- Revolve
- Revolve Cut
- Pattern (Linear, Circular)
- Sweep
- Fillet, Chamber

Module 2: Surfacing

- Sketch
- Extrude Surface
- Revolved Surface
- Swept Surface
- Filled Surface
- Trim Surface
- Thicken

Module 3: Assembly

- Insert Component
- Move Component
- Mate
- Linear and Circular Pattern

- Mirror
- Exploded View

Module 4: Drawing

- Different Views (Front/Right/Left/Rear/Top)
- Dimensioning
- Cross-sectional Views
- Broken Views
- BOM

Module 5: Sheet Metal

- Commands required to design basic sheet metal parts of a vehicle

Module 6: Use of Toolbox