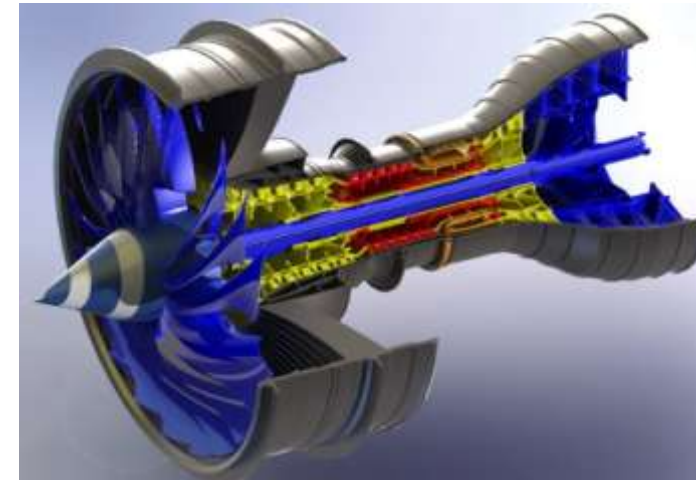


COURSE CONTENT

- ✚ **Synchronous Modeling:**
Move Face, Pull Face, Offset Region, Replace Face, Resize Blend, Resize Face, Delete Face, Copy Face, Make Coplanar, All Dimensions, Group Face.
- ✚ **Expressions:**
Named Expressions, User Defined Expressions, Unused Expressions, Delete Expressions, Object Parameters, Measurements, Spread Sheet Edit
- ✚ **Part Families:**
Create, Edit, Delete, Resume, Cancel, Verify Part, Apply Values, Update Parts, Create Parts, Save Family, Cancel
- ✚ **Interpart Expressions:**
Create Interpart Reference, Edit Interpart Reference, Refresh values from external Spread sheet
- ✚ **Deformable components:**
Definition, Features, Expressions, References, Summary
- ✚ **Motion analysis:**
Motion Simulation, Edit Motion Object
- ✚ **Surface modeling:**
Basic Approach to Surface Modeling, WCS Origin, Changing WCS, Display, Save.
- ✚ **Curve:** Basic Curves, Spline, Spline by Points, By Poles, Curve On Surface, Point, Point Set, Chamfer, Rectangle, Polygon, Ellipse, Parabola, Hyperbola, General Conic, Helix, Law Curve, Line, Arc/Circle, Plane.
Curve Operation: Offset, Bridge, simplify, Join, Project, Combined Projection, Intersect, Section, Extract, Offset in Face, Wrap/Unwrap
Free form feature: Through Points, From Poles, From Point Cloud, Ruled, Through Curves, Through Curve Mesh, Swept, Section, Bridge, N-sided Surface, Extension, Law Extension, Enlarge, Offset, Rough Offset, Quilt, Swoop, Studio Surface, Styled Blend, Global Shaping, Trimmed Sheet, Fillet
Miscellaneous: Edit Curve, Format Group, Attributes, Pattern, Group Features
- ✚ **Sheet Metal:**
Tab, Types Of Flanges, Break Corner, Closed Corner, Three Bend Corner, Bend, Unbend, Dimple, Louver, Bead, Solid Punch, Drawn Cut Out, Convert To Sheet Metal, Flat Solid, Flat Pattern
- ✚ **Tutorials**

DURATION: 70 hours
Full Time (2 weeks)
Part Time (4 Weeks)



CAD/CAM CENTRE
PSG COLLEGE OF TECHNOLOGY
Coimbatore-641004

For further information contact:
PSG Centre for Non-formal and Continuing
Education Cell/CAD/CAM Centre
New Admin – Block building/Y-Block (3rd floor)
PSG College of Technology
Coimbatore – 641004
Phone: 0422 – 4344448, 4344147,
Fax : 0422 – 2573833
E-Mail: psgcnce@mail.psgtech.ac.in