

# Joint Venture Companies

**ADVIK**  
Passionately Innovative

**Atlas Copco**

**DANIELI**  
CENTRO RECYCLING

**Amphenol**

**GIC**

**IAC**

**HYVA**

**DYNAPAC**  
POWER GROUP

**STE**  
connectivity

**I-DESIGN**

**NORD**  
DRIVESYSTEMS

**oerlikon**  
balzers

**Sujan Continental**

**RSB**  
Where Dreams are Responsibilities  
RSB Transmissions (I) Ltd.

**MUNGI**  
Engineers Pvt. Ltd.

# TECHNO CADD SOLUTIONS

CAD Design & Engineering Service Provider

- BRANCH-1: S.No. 133/1, Nr Monibaba Vrudhashram, Gurudwara Road, Akurdi Railway Station, Pune - 411033.
- BRANCH-2: 139 1, Akurdi Railway Station Road PCMC, 3rd Floor Mauli Complex, Next to Mayur Breakfast Center, Gurudwara Chowk Akurdi, Pimpri-Chinchwad, Pune - 411033.

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# TECHNO CADD SOLUTIONS

CAD Design & Engineering Service Provider



Transforming Your Design Vision To Reality



## MECHANICAL CAD COURSES

CATIA V5 R21

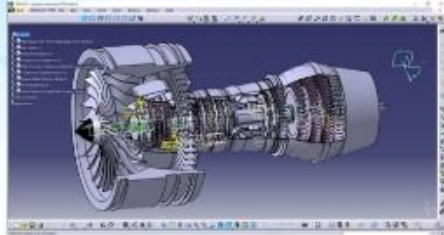
SOLIDWORKS 2020

NX-CAD 10.0

ANSYS

HYPERMESH

- Introduction to CAD
- Sketching
- Part Modeling
- Assembly Creation
- Drafting (Detailing)
- Surface Design
- Sheetmetal
- Live Project



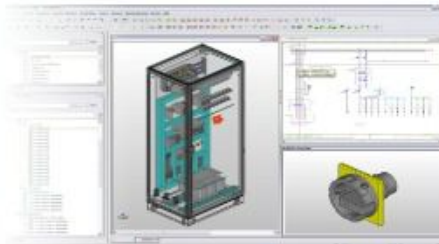
## PERSONALITY DEVELOPMENT

- Soft Skill Development
- Presentation Skill Development
- Communication Skill Development
- Foreign Languages

## ELECTRICAL DESIGN COURSES

Electrical Auto-CAD

E-Plan Design / Control Panel Design



Wiring Harness Design

- Process Flow of Wiring Harness Designs
- Customer Input
- Design FMEA
- Circuit Preparation
- Wiring Harness Routing
- Preliminary Drawing
- Cable Selection
- Fuse Selection
- Terminal Selection
- Wiring Protection Selection
- Proto Drawing

Design Verification

- Design Verification Plan Wiring
- Harness Design
- Verification Of Circuit
- Pin-out, Routing
- Verification of Cable Size
- Wiring Harness Testing



## CAREER ORIENTED DOMAIN



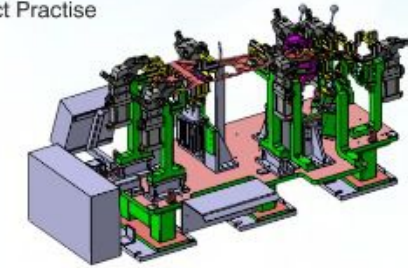
PRESS TOOL DESIGN

- Land & Angular Clearance
- Guide Plate Tool
- Strip Layout
- Punches, Dies, Stripper, Stoppers, Pilots
- Fastner & Dowels
- Progressive, Compound, Bending, Forming Tool
- Press Tool Operation & Classification
- Tool Design Parameters
- Design for Press Tools
- Project Practise



BIW FIXTURE DESIGN

- Introduction about Jig & Fixtures.
- Used of Jig & Fixtures in Company.
- Advantages of Jig & Fixtures in Company.
- Knowledge of Gun Study.
- Study the Layout of the Process Plan,
- Prepare the Gun Study
- Material Selection.
- Bought out Parts Selections (Cylinder, Rail, Sensors etc.)
- 2D Drawing
- Preparation of BOM.
- Live Project Practice as per Company Standards.



AUTOMOTIVE PLASTIC PRODUCT DESIGN

- Plastic Product Design
- Plastic Design Consideration
- Tooling Direction Study
- Master Section Study
- Trims Methodology
- Power Copy Methodology
- Style Surface Study
- Design Guidelines for Interior & Exterior Trims
- Manufacturing and Assembly Guidelines
- GD & T and Tolerance Guidelines
- Modeling Best Practices
- Style Replacement
- Hand Calculation
- Solid and Surfacing Remastering

BIW PRODUCT DESIGN

- Body Function
- Material & Technology
- Specification & Test
- Body Components
- A. Upper Body B. Under Body C. Closure
- Body Interfaces
- Design Considerations of Body Components
- Manufacturing Techniques used & manufacturing considerations.
- Design of BIW components from concept to TGA (Tool Go Ahead) (Upperbody Parts)
- Paint & Sealant
- Test for BIW
- Euro NCAP standards (Introduction)

