



# MechXtron

## Future Needs Identified

in collaboration with



Courses Available for Mechanical Engineers  
SolidWorks | AutoCAD | Catia | CREO

We provide  
“Autodesk AutoCAD User”, “Solidworks Certified Associate”,  
“Catia V5 User” Certification Level Training  
including  
Industry Level Projects

Office: 4th Floor, Gold Sukh Grande, Malviya Nagar, Jaipur  
Contact us : +91 8588948447, +91 8387883159 | Email: mechxtrons@outlook.com



# Our Team

## Dr. UC Divedii

### Director

*Doctorate in Mechanical Engineering*

*More than 30 years of experience in Production, Quality and Maintenance in Industries.*

*He has given his services in Maharshi Arvind Institute of Engineering and Technology, Mansarovar (Jaipur)*

*Qualified Trainer for ISO certification.*

*Six Sigma Black Belt*

## Animesh Tanwar

### Chief Learning Officer

*Electronics & Communication Engineer,  
Red Hat Certified Engineer.*

*4+ years of experience in Electronics Design &  
Automation*

*Worked for Cadence Design Systems Inc.*

## Chandra Prakash Sharma

### Educator

*Mechanical Engineer, Diploma in Product Design, Certified Robotics Engineer.*

*4+ years of experience in Robotics  
Working with a leading Construction &*

*Mining Equipment Company.*

*Worked for CSIR-CEERI, Pilani in research*

## Deep Umesh Dwivedi

### Educator

*Mechanical Engineer,*

*Certified SolidWorks Associate,*

*Certified Microsoft Professional, Certified Robotics Engineer.*

*4+ years of experience of Robotics & Automation Projects.*

*Worked on projects for many organizations like Elecon*

*Engineering Company, Gujarat & CSIR-CEERI, Pilani.*

*Working in a Startup as AVP Product.*

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01

## AutoCAD

Basic Drawing Skills  
Drawing Aids  
Entities  
Curves  
Object Appearance  
Blocks  
Hatching and  
Gradients  
Text & Dimensioning  
Layout & Annotations  
Printing & Plotting



AUTODESK  
AUTOCAD

02

## SolidWorks

Sketching & Sketch  
Relations  
Boss & Cut Features  
Patterns  
Dimensions  
Feature Conditions  
Mass Properties  
Materials  
Assembly Modelling  
Drawing &  
Annotations  
Reference Geometry



03

## CATIA

- Designing Parts
- Modifying Parts
- Sketch Features
- Sketch Tools
- Boss and Cut
- Features
- Sketch offset
- Modification of geometry
- MaterialsProperties
- Mass Properties
- Drafting Views



04

## Creo

- Sketch
- Layout
- Schematics
- Creo Parametric
- Detailed Drawings
- Creo Direct
- 2D Modelling
- 3D Modelling
- Material

