THE POWER TO CREATE

NEW WORLD

IS YOURS

JM CAD

ENGINEERING SOLUTIONS

THE MAGIC OF ANIMATION

HERE ARE THE 3 STEPS THAT THE PROCCESS OF ANIMATION

PRE - PRODUCTION

The first stage comprises creating a visual form mid defining he character design for the story. Its followed by storyboardina, 1145 livhere the story is detailed out frame by frame. Post storyboarding, the individual panels are edited together along With dialogue, music and sound effects toffee the entire flow of a movie in a process known as animatics it is the most important stage of the entire 3-stage process which helps to conceive and design the film.

The first stage comprises creating a visual form and defining he character design for the story.
It's followed by storyboarding, where the story is detailed out frame by frame.
Post storyboarding, the individual panels are edited together along with dialogue, music and sound effects to see the entire flow of a movie in a process known as animatics. It is the most important stage of the entire 3-stage process, which helps to conceive and design the film.

PRODUCTION

Production begins with modelling or creating Computer Generated (CG) backgrounds, characters and props for the characters designed in pre-production. These 3D models are then sent for texturing, where they're given another layer of authenticity by adding age-specific elements, accessories and background. The next step involves rigging, where bone structures are added, connected to customised controls.
These pieces are then given lighting for that authentic look and feel. Finally, each shot is rendered to create the final output.

POST-PRODUCTION

The final stage involves compositing. This brings together all the rendered elements from the previous stage and compiles them together to form a single image sequence. It also adds post-processing effects to it that finally enhances the look and feel. Post this process, sound effects are added to give the film another layer and more depth. The background music, soundtracks and voice-overs bring the film alive. Finally, the shots are compiled and edited in seamless sync.

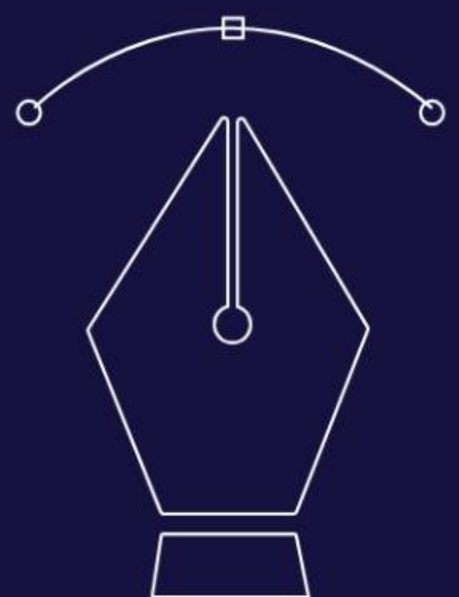
APGD

ADVANCE PROGRAM IN GRAPHIC DESIGN

Make a grand entry into the world of advertising, TV and graphic art through this tailor-made course. The curriculum empowers students to champion Graphic Design, Page Layout Design and Interactive Design.

DURATION: 90 HRS
CAREER OPTIONS

- Graphic Designer
- Packaging Designer
- Web/ Interactive Designer
- UI Designer
- Illustrator Designer
- Layout Artist
- Digital Storyboard Artist
- Designer for Interactive E-learning
- Webpage Designer



COURSE CONTENT

- Fundamentals of Design & Drawing
- Concepts of Graphic & illustration
- Graphic Design
- Minimalistc Design
- Image Editing
- Page Layout

APCE

ADVANCE PROGRAM IN COMPOSITION AND EDITING

To truly complete any film, TV or music video, the last stage of production creates the actual look and feel. Students are equipped to thoroughly understand and excel in Rotoscopy, Match Moving, BG Prep, Composting and Editing.

DURATION: 180 HRS

CAREER OPTIONS

- Compositor
- Roto Artist
- Paint Artist
- Stereo Depth Grade Artist
- BG Prep Artist
- Match Moving Artist
- Motion Graphics Artist
- Video Editor

COURSE CONTENT

- Basics of Filmmaking
- Digital Design
- Video Editing
- Sound Editing
- Layer-Based Compositing
- Art of Rotoscopy
- Match Moving
- Camera Tracking
- Title Graphics
- Audio-Video Synchronisation
- Node-Based Compositing
- Stereoscopic Pipeline
- 3D Camera Projection
- Animate 2d

USER INTERFACE

(UI/UX)

INTERMEDIATE AND ADVANCED CAREER BUILER PROGRAM.

JM CAD is a training institute aiming to impart practical knowledge to students and equipping them with industrial level training so that they have relevant knowledge and experience to contribute in them respective industry.

Our programs have a blend of theoretical concepts and practical projects.
We rope in industry professionals who train the students.

The brochure will help you understand the topics and concepts that we cover in the program and also about the various benefits attached to this program.

User Interface Design = Visual Design + Interaction Design

Visual design is the look and feel of the site, the personality if you will; the brandinteraction design is the way people interact with your site. When someone clicks abutton on your site, does the button change in a noticeable way so they knowthey've been successful?

DURATION: 90 HRS

CACAREER OPTIONS

- Prototyping analysis
- Wireframing Testing
- Understanding Web & mobile screens
- UI Components Design
- Accessibility Design
- Typography & working with text Design
- Design thinking & Atomic Design
- Competitive analysis
- Affinity mapping analysis
- Usability Testing
- About Freelancer Community

USER EXPERIENCE

COURES CONTENT

Module 1

1. Intro to UI & UX
2. What is Product designing?
3. Basic Design Process
4. Problem solving
5. User Research
6. Paper Sketching
7. Low-fidelity wireframes
8. High-fidelity wireframes
9. Prototyping
10. Visual design (UI)
11. User Testing
12. Basic principles of UI & UX
13. 5 Stages of Design Process
14. Empathise
15. Define
16. Ideate
17. Prototype
18. Test
19. What is the difference between UI & UX?
20. Standardised UI/UX process flow
21. Basic Industry Standards to be followed

Module 2

1. 5 Major elements of UX design
2. Strategy Scope
3. Structure Skeleton
4. Surface
5. Major Elements of UI Design
6. Color Images Typography Icons
7. Develop basic skills in creative problem-solving, innovation, and human-centred design through a fast-paced design thinking activity. (P) Importance of Prototypes, Feedback, and Critique.

Module 3

1.Present designs and justify design decisions. (P)
2. Gestalt's principle
3. Figure and Ground
4. Proximity
5. Similarity
6. Closure
7. Symmetry and Order
8. Focal Points
9. What is Good UX and Bad UX?
10. Continuation

ent

(MPD3DA-VFX)

MASTER PROGRAM IN DESIGNING 3D ANIMATION & VFX

A course through which you can learn the intricacies of new age technology like Augmented Reality and Virtual Reality which also extends to game design and development. Create new worlds for people to explore and experience, through a range of technologies and software that you master.

DURATION: 540 HRS

CAREER OPTIONS

- Modelling Artist
- Lighting Artist
- Texture Artist
- Render Artist
- Character Animator
- Layout Artist
- Digital Sculpting Artist
- Rigging Artist
- Video Editor
- Motion Graphics Artist
- FX Artist
- Game Artist
- 3D Generalist
- Compositor
- Match Moving Artist
- Pre-Viz Artist
- Roto Artist
- Clean up Artist
- BG Prep Artist
- Paint Artist

COURES CONTENT

- Storyboarding
- Cinematography
- Stop-Motion Video Editing
- Digital Design
- Sound Editing
- 3D Design and Modelling
- Digital Sculpting
- Look Development
- Lighting and Rendering
- Concepts of Set Extension & CG
- Match Moving & Camera Tracking
- VFX Case Studies
- Fluid, Hair & Cloth FX
- Character Setup & Skinning
- Character Animation
- Digital Design
- Basics of Photography
- Layer Based Cornpositing
- Advanced Particle Effects
- Cloth FX
- Pyrotechnics
- Clean Plate & Wire Removal
- Stereoscopic pipeline
- Integration
- Node Based Compositing
- Projection for Visual Effects
- 3D Design
- Advanced Compositing

(CAD)

COMPUTER AIDED DESIGN COURES CONTENT

The purpose of CAD is to optimize and streamline the designer's workflow, productivity, improve the quality and level of detail in the design, improve documentation communications andoften contribute toward a manufacturing design database. CAD software outputs come in the form of electronic files, which are then used accordingly for manufacturing processes.

WHO USES CAD?

Computer-aided design is used in a wide variety of professions.
CAD software is used heavily within various architecture, arts and engineering projects. CAD use cases are specific to industry and job functions.
Professions that use CAD tools include, but are not limited to:

DURATION: 120 HRS

CAREER OPTIONS

- Computer Programmer.
- CAD Drafter in Design.
- CAD Technician.
- Part Design.
- Surface Modelling.
- Product Design.
- Assembly Drawings
- Project Engineer Design.
- Reverse Engineering Design.
- Drafter Man.
- Sheet Metal Fabrication Process Engineering Design.
- Weldment Design.
- 2d Drafting.

COURES CONTENT

Productivity Tools
Project Work
Sketching
Part Modeling
Assembly
Photo View 360
3D Modeling 2D Drafting & Annotations & Design
Drawing
Solidworks Advanced
Sheet Metal Design
Surface Design
Weldments
Routing

(CNC/CAM)

COMPUTER NUMERICAL CONTROL
COMPUTER AIDED MANUFACTURING

CNC is a control system used to control devices running on electronic digital computers. It regulates, optimizes, and records a machine moving objects. It can be a router, grinder, laser cutter, welder, milling machine, etc.

The NX CAM programming software from Siemens PLM is used to create and edit models. These models are used to generate NC operations that produce the real workpiece on the machine tool. As with machine tools, NX CAM offers a variety of machining strategies, such as roughing, semi-finishing and finishing.

Mastercam is a software that provides both CAM functionality to drive CNC machines efficiently for optimized productivity.

CAM software offers advantages that are not attainable with manual programming. These include quick generation of G-code for CNC machines, the ability to program extremely complex parts, plus digital review and evaluation of a project before physical machining starts.

DURATION: 120 HRS
CAREER OPTIONS

CNC lathe programming
CAM programming
CNC milling machine programming
VMC programming
Jig and Fixture Design
HMC programming
CNC Operator and programming
Production Incharge
CNC 2 Axis to 5 Axis Programming
CNC programming

COURES CONTENT

1. 2D Programming
2. 3D Programming
3. ISO Programming
4. High Speed Machine Programming
5. 2 Axis Programming
6. 2.5 Axis Programming
7. 3 Axis Programming
8. 4 Axis Programming
9. 5 Axis Programming

(CAE)

COMPUTER AIDED ENGINEERING

CAE or Computer-Aided Engineering is a term used to describe the procedure of the entire product engineering process, from design and virtual testing with sophisticated analytical algorithms to the planning of manufacturing. Computer-aided engineering is standard in almost any industry that uses some sort of design software to develop products. CAE is the next step in not only designing a product but also supporting the engineering process, as it allows to perform tests and simulations the product's physical properties without needing a physical prototype. In the context of CAE, the most commonly used simulation analysis types include Finite Element Analysis, Computational Fluid Dynamics, Analysis, Multibody Dynamics, and Optimizations.

DURATION: 120 HRS

CAREER OPTIONS

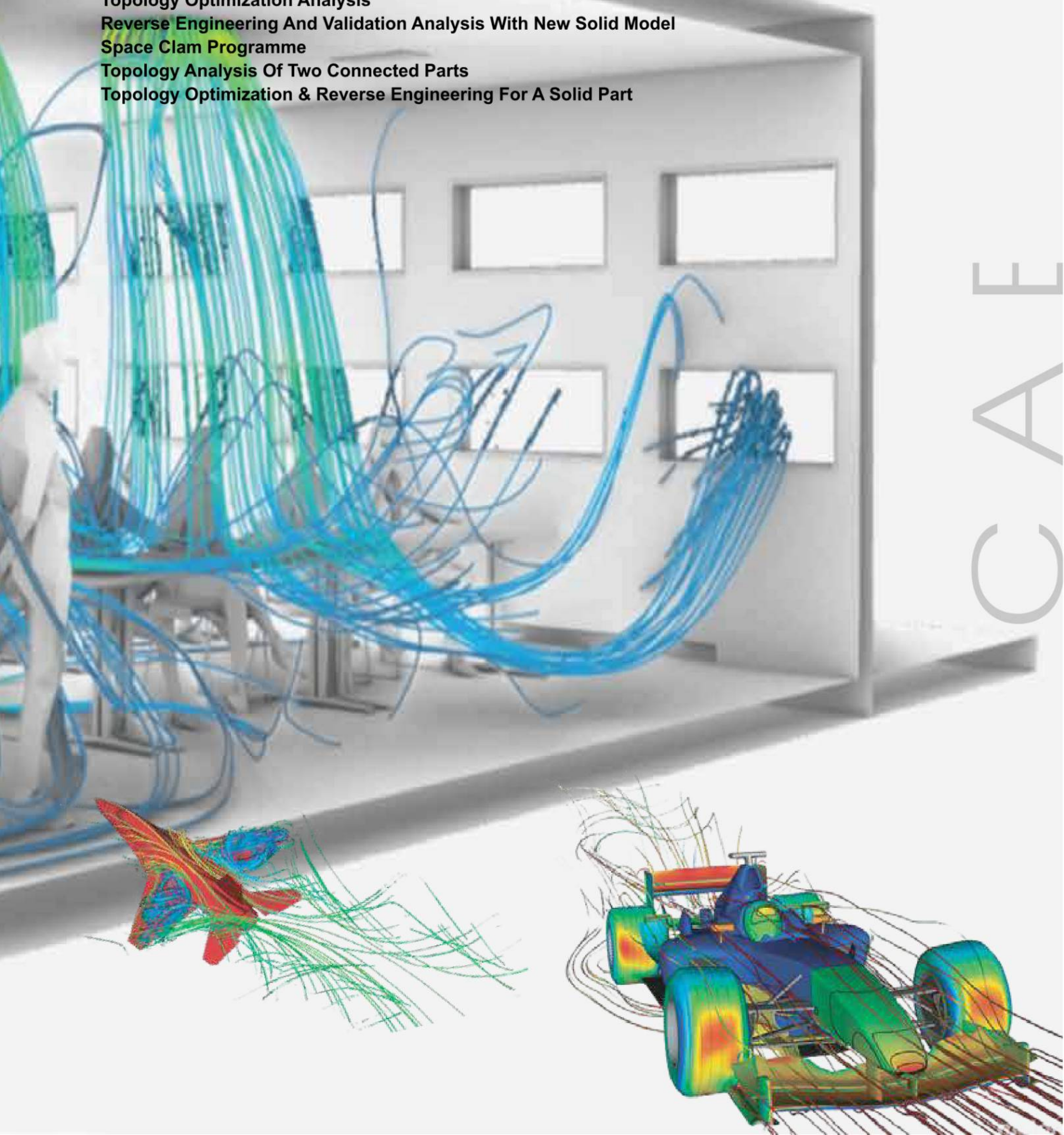
Developing Ground Breaking 3d Replications
CAE Faults Engineering
CAE Topology in Developing
FEM & PDM Developing Engineering
Reverse Engineering Development in simulation
Research and Development Analysis
CFD Analysis

COURES CONTENT

Ansys Workbench in Basic and Advance
Introduction to Finite Element Meted
Introduction to Design Modeler in Ansys Workbench

Introduction To Theory Of Meshing
Static Structureal Analysis
2D Structure Analysis
1D Structure Analysis
Model Analysis
Thermal Analysis
Thermo-Structural Analysis
Buckling Analysis
Contacts In Ansys WorkBench
Automatic Contacts In Ansys WorkBench
Miscellaneous
Creating Mesh Model Techniques
Topology Optimization Analysis
Reverse Engineering And Validation Analysis With New Solid Model
Space Clam Programme
Topology Analysis Of Two Connected Parts
Topology Optimization & Reverse Engineering For A Solid Part

Introduction CFD Advance
Dynamic Analysis
Eplicit Analysis
Rigid Body Dynamic Analysis
Steady-State Thermal Analysis
Transient Thermal Analysis
Eigen Value Buckling Analysis
Non-Linear Analysis



(MOULD AND DIE MAKING COURSE)

MOULD DESIGN ENGINEERING

JM CAD understands that there is no benefit of having Advance without people and processes to make it efficient, reliable and fast. Major successful companies mostly works on business flow and production flow with the help of additional leading-edge technologies like mold design. We can create good work with excellent faster progress if high speed machining is available and backlog in polishing is extreme.

The mold design technology is used with special purpose in engineering product design companies like .IM CAD We know that without overall efficiency, the buyer may not see a reduction in the delivery time and will not consider the service to be rapid. Here the role of mold design technology comes in to picture.

Moulds tend to be used to produce products that need to be hollow in the middle, whereas dies are used to stamp solid products out of media such as steel. DIE IS a block of metal with a special shape or with a pattern cut into it that is used for shaping other pieces of metal such as coins or for making patterns.

Mould or die are the common terms used to describe the tool used to produce plastic parts in moulding. Since moulds have been expensive to manufacture, they were usually only used in mass production where thousands of parts were being produced.

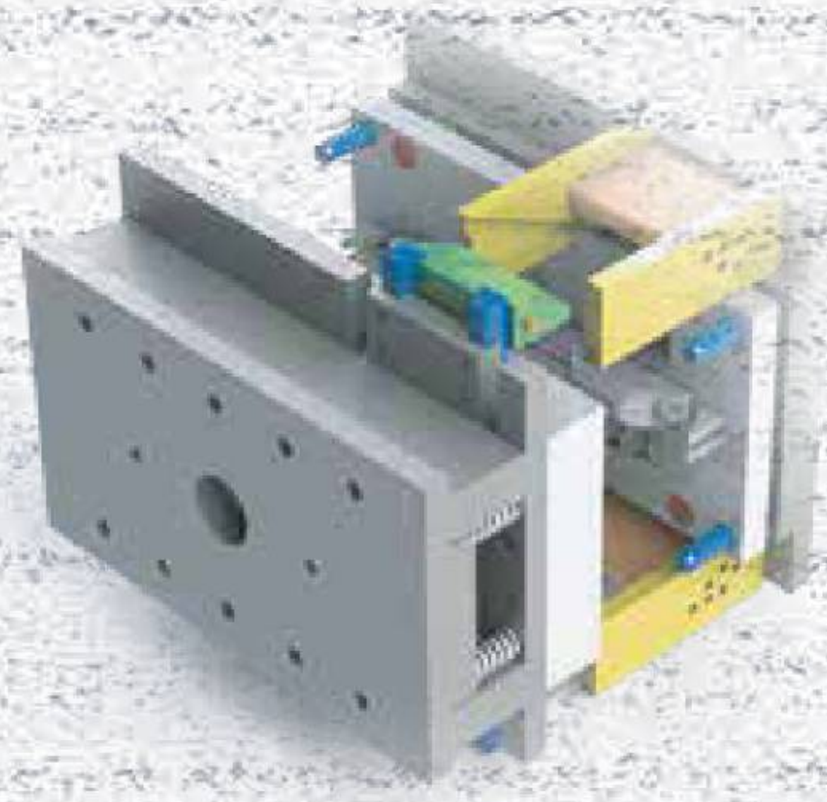
Molding is a technique through which a material, often plastic, but also metal, rubber, or powder mixtures is shaped on the outline of a die or mold.... There are two primary types of plastics: thermosets and thermoplastics.

DURATION: 160 HRS

CAREER OPTIONS

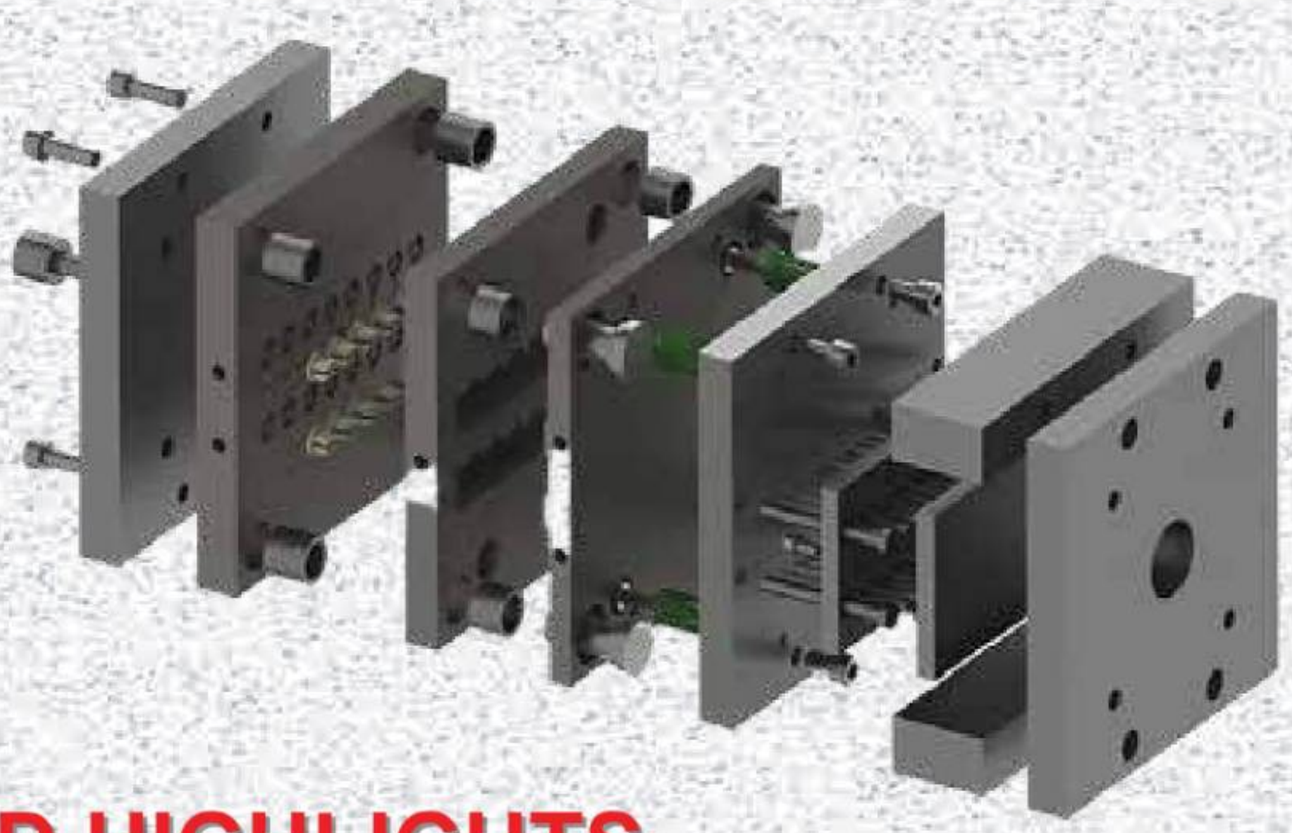
Mould Design Engineer
Tool Design Engineer

Investment Casting Die Design
Sheet Metal Die Design
Forming Die Design
Progressive Die Design
Product Design and Die Making Engineer



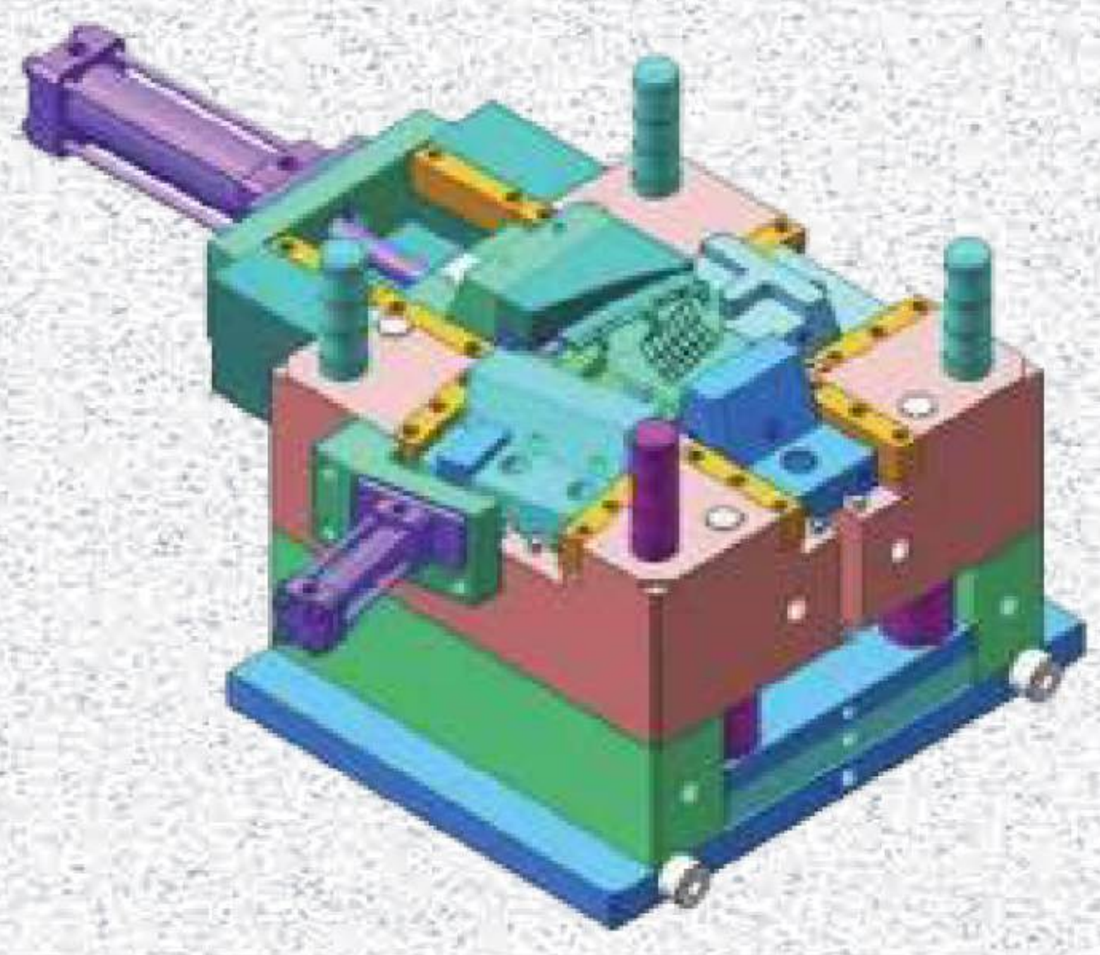
COURES CONTENT

Mould & Machine Introduction
Mould Base Construction (2-3 Plate)
Core & Cavity Extraction Types
Steel Selection
Mould Defects & Solutions
Cooling System
Basic Ejection Techniques
Stripper Ejection (3-Types)
Air Ejection
Base Mould Techniques & Cal.
Runner Design & Cal.
Basic Gates Design & Cal.
Cashew Gate Design & Cal.
Submarine Gate Design & Cal.
Hot-Runner Mould
2 plate Mould
3-Plate Mould Design
Multi-Cavity Mould
Split Mould
Slider Mould
Finger-CAM Slider
CAM Slider Mould
Lifter Mould
Unscrewing Mould
HPDC Mould
Blow Mould
Hot Runner mould
Spring Slider Mould
T-Slider Mould
Automobile Mould
EDM Electrode Design



TECHNICAL METHOD HIGHLIGHTS

1. Manual Method in Mould Design
2. Automatic Method in Mould Design



3D SCAN REVERSE ENGINEERING IN PRODUCT DESIGN

Reverse engineering is a process that involves measuring a physical object and reconstructing it as a 3D model to recover the design intent . A perfect reconstruction of the original design terms of simple analytical surfaces (planes, cylinders, etc.)

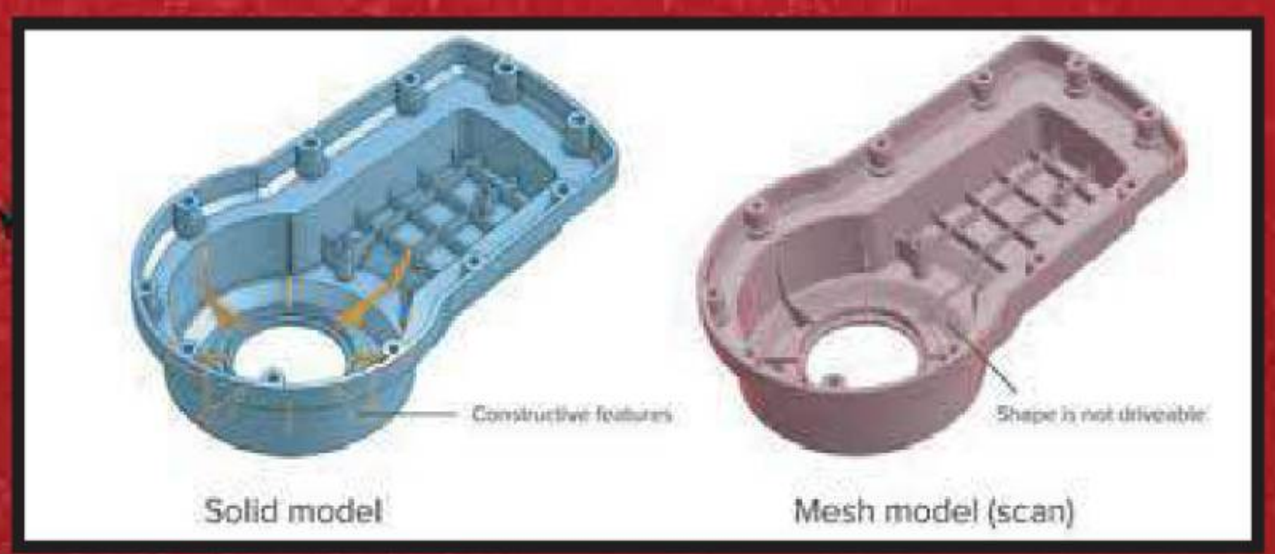
Reverse engineering is a process by which the design of a product is analysed or recreated using a physical part as a starting point. During the design process for a new product, clay models and different types of prototypes will be made in order to test, evaluate and validate the conceptual design.

During design development, 3D scanning reverse engineering involves capturing information about existing physical parts and recreating them digitally in a virtual environment. Dimensionally, the process is highly accurate. A range of methods exist to measure objects during 3D scanning.

DURATION: 45 HRS

CAREER OPTIONS

- Product Design
- Surface Modelling.
- Part Design.
- Assembly Drawings
- Project Engineer Design.
- Reverse Engineering Design


Constructive features
Shape is not driveable
Solid model
Mesh model (scan)

(MPIM)

MASTER PROGRAM IN MECHANICAL

Master Program in Mechanical CAD / CAM / CAE Services is the Mastery of JM CAD Engineering Solutions. Since The year of establishment, we have delivered excellent mechanical designs to our clients worldwide. We are delivering our services to many big industries like medical, shipping, railways, automotive, aeronautical, aerospace, education, heavy machineries, pharmaceutics and many more.

DURATION: 15 MONTH

CAREER OPTIONS

- Computer Programmer
- Part Design
- Product Design
- Project Engineer Design
- Drafter Man
- 2D Drafting
- CNC Programming
- VMC Programming
- HMC Programming
- CNC 2 Axis to 5 Axis Programming
- CNC Operator and Programming
- CAE Faults Engineering
- CFD Analysis
- Sheet Metal Die Design
- Progressive Die Design
- CNC Milling Machine Programming
- Product Design and Die Making Engineer
- Research and Development Analysis
- Sheet Metal Fabrication Process
- Engineering Design
- Reverse Engineering Development In Simulation
- CAD Drafter in Design.
- Surface Modelling.
- Assembly Drawings
- Reverse Engineering Design.
- Weldment Design.
- CNC lathe programming
- CAM programming
- Jig and Fixture Design
- CAD Technician.
- VTL programming
- Production In charge
- CAE Topology in Developing
- Tool Design Engineer
- Forming Die Design
- FEM & PDM Developing Engineering

(APE)

ADVANCE PROGRAM IN AUTOMOBILE ELECTRIC AUTOMATION ENGINEERING

An electric car, battery electric car, or all-electric car, is an automobile that is propelled by one or more electric motors, using only energy stored in batteries. Compared to internal combustion engine (ICE) vehicles, electric cars are quieter, have no exhaust emissions, and lower emissions overall.

Battery Electric Vehicles (BEVs) BEVs Are Also Known As All-Electric Vehicles (AEV)....

Hybrid Electric Vehicle (HEV): HEVs Are AlsoKnown As Series Hybrid Or Parallel Hhybrid

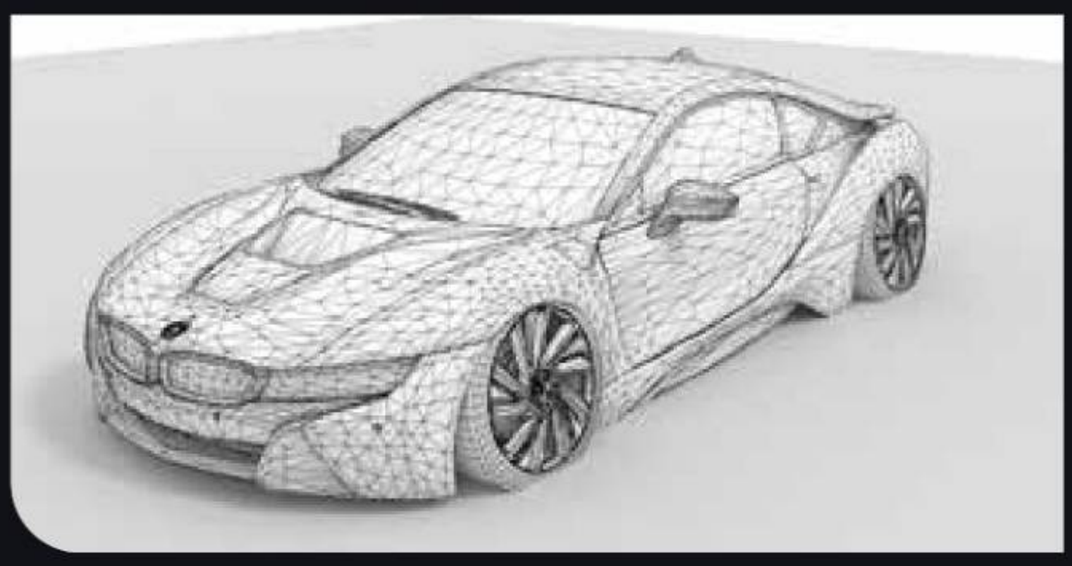
Plug-in Hybrid Electric Vehicle (PHEV):

Fuel Cell Electric Vehicle (FCEV):

Vehicular automation involves the use of mechatronics, artificial intelligence, and multi-agent systems to assist the operator of a vehicle (car, aircraft, watercraft, or otherwise). These features and the vehicles employing them may be labeled as intelligent or smart.

Unlike gas-powered vehicles, electric vehicles (EVs) do not require internal combustion engines to operate. Outfitted with an electric motor and rechargeable battery pack, EVs move along our roadways without burning up gasoline, or producing harmful exhaust emissions, while generating less noise pollution.

A vehicle that is fully automated will be capable of controlling all aspects of driving without human intervention, regardless of whether its design includes controls for an actual driver. Companies may take different design approaches to vehicles that do or do not include controls allowing for a traditional driver.



DURATION: 15 MONTH
CAREER OPTIONS

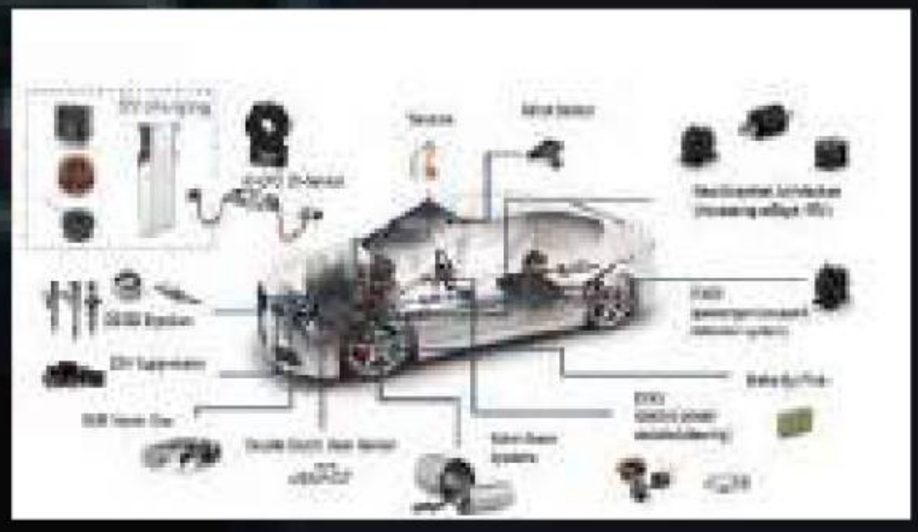
Computer Programmer
Part Design
Product Design
Product Engineer Design
Drafter Man
2D Drafting
Sheet Metal Fabrication Proccess Engineering Design

CAD Drafter In Design
CAD Technician
Surface Modelling
Assembly Drawings
Reverse Enginnering Design
Weldment Design

Electrical Enginner. The Most Obvious Choise After Completing This Program Is Becoming An Electrical Engineer

Tlelecommunications Engineer Design
Electrical Design Engineer
Instrumentation Engineer Design
Micro Electrical Engineer
Electrical Technician CAD Design
Controls Engineer Design
Matlab Code Generator Engineer

Test Cored Engineer
Electrical Project Manager Design
Electrical Designer
Sustainability Engineer
Electrical Design Engineer
AI Data Science Generator Engineer



(APACDE)

ADVANCE PROGRAM IN ART CAM DESIGN ENGINEERING

Art cam very powerful tool to design and make many different things with your CNC machine. It has wide range tools for any situations. And that's why I sliced all its features into few pieces.

If you are in Wood working area then probably you are working with CNC machine. Well to create or prepare files to cut in CNC router you need to prepare your drawing in special CAM software. The most popular and powerful CAM software is Art cam. Art cam very powerful CAD/CAM software that will allow you draw 2D / 3D drawings and convert it into CNC machine language to cut it in the machine

You'll learn how to modify your relief or imported 3D objects with Art cam tools. I'll show you how to create a realistic view with special tools.You'll learn how to import or create 3 objects and then combine them to get the whole view of 3d model with materials and background.At the end, you'll learn how to properly configure machining tools and export your files to cut them in CNC machine.

COURSE HIGHLIGHTS

- How to draw and modify object in Artcam
- How to prepare files for CNC machine
- How to import files from other software's and solve problems with them.
- You'll learn how to draw and modify object to create amassing artworks with your CNC
- What is the Artcam and How to works with it?
- How to draw vectors and modify them.
- How to work with Bitmaps and colors
- You'll learn how to nest your files to save materials.
- How to prepare drawing to cut in CNC
- About different type of machining tools
- Face Design
- Door Design
- Frame Design
- Wall Panne! Design

WE COVER ALL THIS CONCEPT IN ART CAM TRAINING

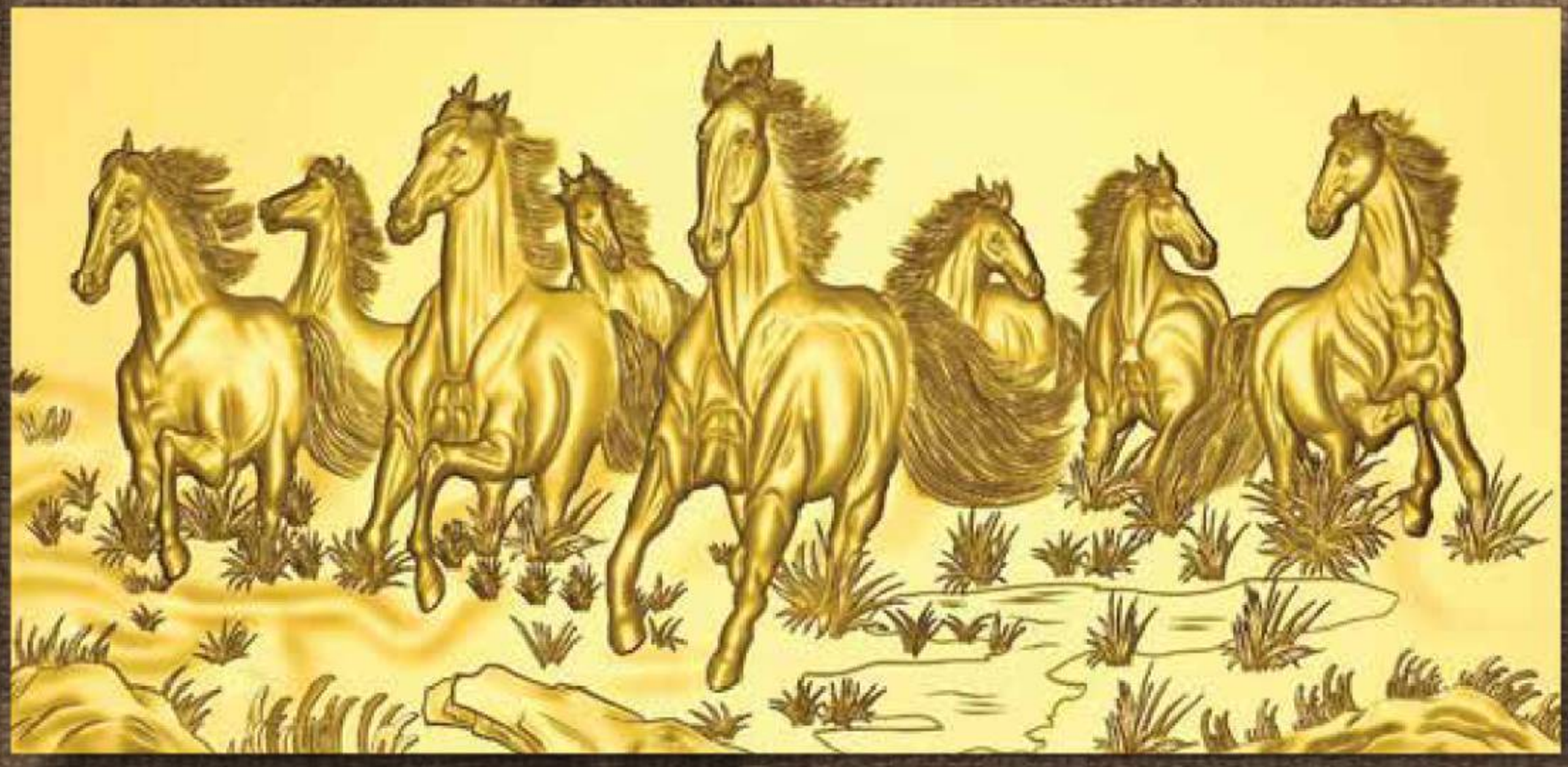
DURATION: 180 HRS

CAREER OPTIONS

- Art Cam Design Engineer
- Wiring Harness Design Engineer
- Line Diagram Design Engineer
- Art Design Engineering
- ArtCAM CNC Programming Engineer

COURSE CONTENT

- Interface Artcam
- 2D Design
- Image to Vector
- Relielf Edit
- Clipart
- Drawing tools in Artcam design
- Modify tools in Artcam
- Working with layers
- Vector Editing design
- What is the Model and how to work with it
- Array tools design
- Create and draw vector
- Work with Bitmaps in Artcam
- 3D Relief creation design
- Advanced work and practice
- Work on project
- Machine on Artcam
- 2D Programing.
- 3D Programing.



(MEP)

ADVANCE PROGRAM IN MECHANICAL ELECTRICAL AND PLUMBING

In the construction world, MEP stands for "mechanical, electrical and plumbing." MEP engineering is the science and art of planning, designing and managing the MEP systems of a building.

MEP Engineer is a professional designation responsible for planning and design in the field of Mechanical, Electrical, and plumbing (MEP) practice, including developing policies standards, inspection procedure and evaluation tools for MEP concerns along with preparing, reviewing drawing, specification, and cost.

A MEP Engineer is a construction technician or building expert who is responsible for the mechanical, electrical and plumbing work of a building under construction. They are specialists who have a sound understanding of the impact of the mechanical, electrical and plumbing settings within the construction process.

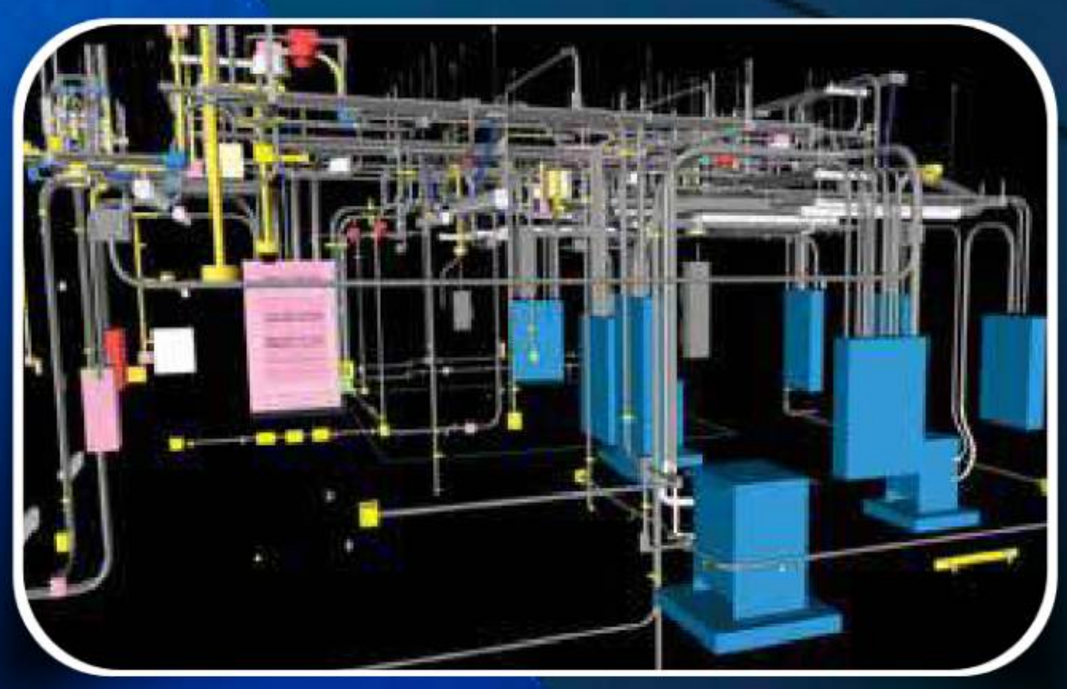
MEP in the construction and HVAC industry refers to the mechanical, electrical and plumbing (MEP) aspects of building construction and design. MEP is widely used in commercial buildings.

HVAC is about providing comfortable conditioned air for residential, commercial, and multi-use buildings. MEP, however, refers to mechanical, electrical, and plumbing considerations of design and construction of buildings, one of which is HVAC.

MEP drawings, in the construction industry, is a discipline of civil engineering that focuses on building safety, working, and energy-efficient structures. MEP refers to the mechanical, electrical, and plumbing systems which mainly serve as the backbone to the construction works.

DURATION: 6 MONTH

1. HVAC. AC Technician
2. Electrical, Electrical Design And Drafting, Electrician
3. Plumbing, Plumbing Design And Drafting, Plumber
4. Revit MEP Product Design
5. HVAC Design
6. Building Construction MEP & HVAC



(MPC&A)

MASTER PROGRAM IN CIVIL & ARCHITECTURE

Architectural design is primarily concerned with functionality. A building has to meet the needs of the person or people using it. Safety is also a primary concern a new building needs to be structurally sound, designed to withstand the test of time and built in line with current building regulations.

Architectural design is a discipline that focuses on covering and meeting the needs and demands, to create living spaces, using certain tools and especially, creativity.

Civil engineering is a professional discipline that deals with the design, construction and maintenance of the physically and naturally built environment, especially public sector works such as roads, bridges, dams, highways, airports, pipelines, sewage and drainage systems, railways, ports and all the rest.

A design engineer is an engineer focused on the engineering design process in civil, mechanical, electrical, chemical, textiles, aerospace, nuclear, manufacturing, systems, and structural /building/architectural engineering disciplines.

DURATION: 12 MONTH

CAREER OPTIONS

Architect Design Engineer
Architectural technologist Engineer
Interior and spatial designer
Building surveyor Engineer
Town planner designer Engineer
Historic buildings inspector Engineer
Structural engineer designer Engineer
Building control surveyor Engineer
CAD designer Engineer
Consulting R&D civil engineer
Contracting R&D Civil engineer
RCDC Design & Detailing Engineer
MEP & HVAC Design Engineer
BBS Calculation R&D Civil engineer
Site Research and development Engineer
Site designer Engineer
Nuclear engineer
Estimator CAD designer Engineer
Design engineer
Analysis Structural & steel Engineer

COURES CONTENT

2D Drafting & Annotations
3D Modelling & Design
Revit Architecture Foundation
Datum Creation And Modelling Essentials
Creating Columns
Creating Foundation
Creating Trusses
Working with Schedules & Quantities
Running Structural Analytical Model Checks
MEP Design
HVAC Design
Logical Systems
Mechanical Piping System
Introduction to STAAD. Pro
Automatic load generations:
Concrete Design
Seismology
Splines, 2D Sub Object Editing
Render Setup and Render Techniques
Water Tank Design
Steel Structure design with Pushover Analysis
Applying Loads to the Structural Analytic Model

Productivity Tools
Project Work
Revit Architecture Advance
Creating Structural Walls
Creating Beam and Beam System
Creating Structural Floors
Reinforcement and Rebar
Structural Design Analysis
Revit MEP
Heating and Cooling Load Analysis
Mechanical System and Duct Work
Inspect System
Assigning loads
Slab, Wind and Moving loads
Column and Beam design
Seismic Analysis and Design
Camera Types, Camera Animation
Intro to Adobe After Effects
Staircase Design
Bridge Deck design using STAAD
Shear wall Design

(MPI&ED)

MASTER PROGRAM IN INTERIOR & EXTERIOR DESIGN

Exterior design would include, for example, the design of your garden, deck and patio, while interior design includes everything inside your home, from the bedrooms to the kitchen and bathrooms. One factor to consider for exterior decorating, for example, is the appropriate fabrics for outdoor furniture.

Exterior design refers to the physical architecture and organizational elements of the outside-facing components of a building. Exterior design encompasses both physical structures as well as personal and artistic designs such as paint color, roof shape and material, decks, patios, gardens, and more

Interior design is the art and science of enhancing the interior of a building to achieve a healthier and more aesthetically pleasing environment for the people using the space. An interior designer is someone who plans, researches, coordinates, and manages such enhancement projects.

On the most basic level, a good interior design improves a space by making it better suited to its purpose. For example, if you're designing a bedroom, you will make decisions that lead to it being more relaxing. For an office, good design will make it more focused and efficient

DURATION: 12 Month

CAREER OPTIONS

Space designing
Exhibition designer
Theatre and film set, and TV production designer
Merchandise Design
Interior Design
Exterior Design
Interior and spatial designer
Architect Design
CAD designer Engineer
BIM Design
3D Modelling & Design Engineer

COURES CONTENT

2D Drafting & Annotations
3D Modelling & Design
Revit Architecture Foundation
Fundamental of Design
Interior and Exterior Design
Studio Design
Material Study
Portfolio
Overview of Architecture
Real World lighting simulation
BIM (Building Information Modelling)
Productivity Tools
Project Work
Revit Architecture Advance
Furniture and shape Design
Kitchen and room Design
Team work and space study
Digital Interior design (CAD)
Photoshop for Texturing
3D Design Visualisation
Interactive Design

(APE)

ADVANCE PROGRAM IN ELECTRICAL

Electrical engineers design, develop, test, and supervise the manufacture of electrical equipment, such as electric motors, radar and navigation systems, communications systems, or power generation equipment.

Electrical engineering is one of the newer branches of engineering, and dates back to the late 19th century. It is the branch of engineering that deals with the technology of electricity. Electrical engineers work on a wide range of components, devices and systems, from tiny microchips to huge power station generators.

Electrical engineering is an engineering discipline concerned with the study, design, and application of equipment, devices, and systems which use electricity, electronics, and electromagnetism.

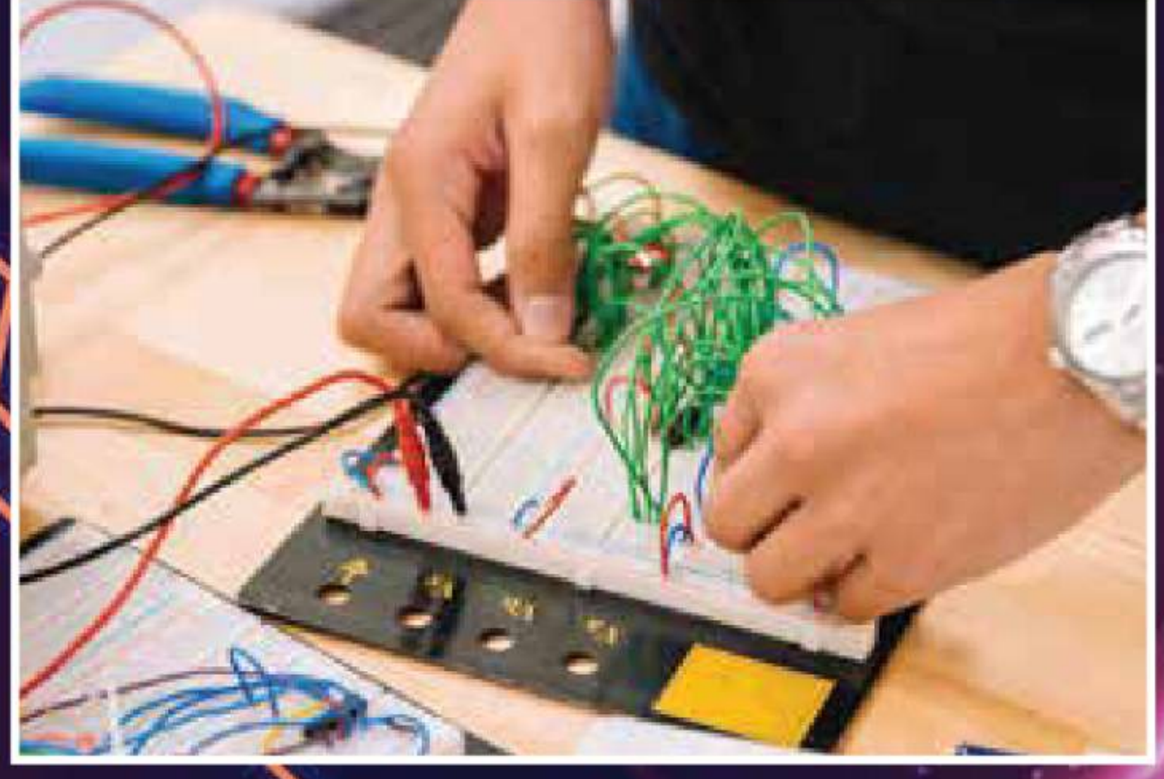
Electrical engineering is a promising career option for young professionals as there are literally thousands of job opportunities available in the field. You can literally work in any field that uses electricity, right from government organisations to private IT sector firms.

DURATION: 10 MONTH

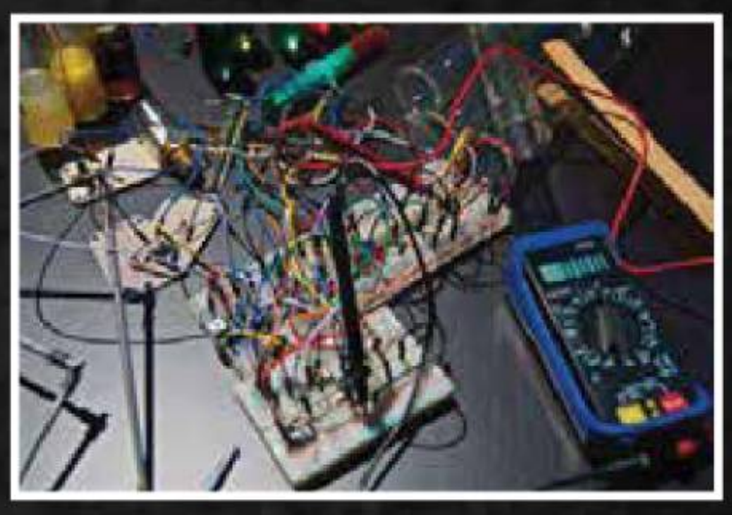
CAREER OPTIONS

Electrical Engineer. The most obvious choice after completing this program is becoming an Electrical Engineer.

Telecommunications Engineer Design
Electrical Design Engineer Design
Instrumentation Engineer Design
Micro Electrical Engineer
Electrical technician CAD Design
Controls engineer Design



Test Cored engineer
Electrical project manager Design
Electrical designer
Sustainability engineer
Electrical engineer Design
Matlab code Generator Engineer
AI data science Generator Engineer



COURSE CONTENT

2D Drafting & Annotations
3D Modeling & Design
Productivity Tools
Parallel Computing
Simulink in Matlab
AI Data Science and Statistics
Code Generation
MEP Design
Solid Modeling
Heating and Cooling load Analysis
Inspect System Design
Lighting Analysis

Project Work
Math and Optimization
Physical Modelling
Database Access and Reporting
Family Creation
Equipment
Logical System
Electrical Design
Power and Communication
PLC Scada Introduction

Our

Savan Gajjar

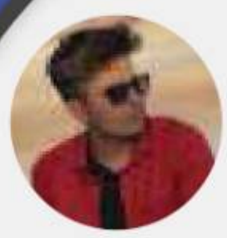
Company:- Kana Raja twinkl star production.

Post:- Video Editor

Tirth Patel

Company:- ODLES E-commerce pvt ltd.

Post:- Graphic Designer.



Jaydeep Patel

Company:- Varacity Energy and infrastructure pvt ltd.

Post- Design Engineer

Bhargav Goswami

Company:- Kana raja twinkl star production.

Post:- Graphic Designer.

Manish Patel

Company:- Midas Metcons pvt ltd

Post:- Design Engineer.

Barot Vilas

Company:- smart meter technology pvt.ltd.

Post:- mechanical design enginner.

Surani Bhautik

Company:- Yaksh Fincorp

Post:- Mechanical Design Engineer.

Ronak Mourya

Company:- Aarti Construction

Post- Design Engineer

Khushi Rajput

Company:- Mars Planning and solutions

Post:- Jr design engineer

Kureshi Tamanna

Company:- Getway Group of Companies

Post:- Sr. Design Engineer.

Afnan Shaikh

Company:- Manan Graphics

Post:- Graphic Designer.

Ravi Shah

Company:- Innovative Engineering Solutions

Post:- Sr. Bim Engineer

Jay Vaghela

Company:- ABB India ltd.

Post:- Mechanical Design Engineer.

Parth Valand

Company:- Bhoomi febricating pvt. Ltd.

Post:- Jr design engineer

Kuntan Dalwadi

Company:- Joshi technology and incorporate

Post:- Sr. Bim Engineer

Payal Maru

Company:- Aakar Architects

Post :- Interior Designer

Placements

Vaibhav Panchal
Company:- CP SIGNS
Post:- Solidwork Executive.

Vedant Panchal
Company:- CP SIGNS
Post:- Solidwork Executive.

Mayur Chauhan
Company:- Adani Solar
Post:- Design Engineer.

Yash Parmar
Company:- Vikram Engineering Works
Post:- Design Engineer.

Haasil Shethwala
Company:- Groovey Web
Post:- Design Engineer.

Mudasiya Farqan
Company:- S3m Consultant
Post:- Jr design engineer

Vishal Goplani
Company:- Velani metal Industries
Post:- CNC & VMC Programmer

Parmar parth
Company:- Hi-tech digital solutions llp
Post:- BIM trainee

Suraj Dandhada
Company:- Ducos Consultant pvt ltd.
Post:- Design Engineer.

Parth Panchal
Company:- Varia engineer pvt ltd
Post:- Design Engineer.

Atul Labana
Company:- Orglife Industries pvt ltd.
Post:- Design Engineer.

Mohammad Sohel
Company:- al Khateeb global fze dubai
Post:- Sr. Bim Engineer

Jethva Chirag
Company:- Azita-BST Aerospace
Post:- Design Engineer.

Shaikh mo.sirajuddin
Company:- NN Traders
Post:- Design Engineer.

Tirth Patel
Company:- Transformers & Rectifiers LTD
Post- Design Engineer

Dhruv Trivedi
Company:- Monarch innovation pvt ltd.
Post:- jr. Bim Engineer

Our activities

Student Project

HARSHIL GAJJAR

VIKAS NIGAM

PITHVA JAYSIL

SWAPNIL SHAH

DHRUV TRIVEDI

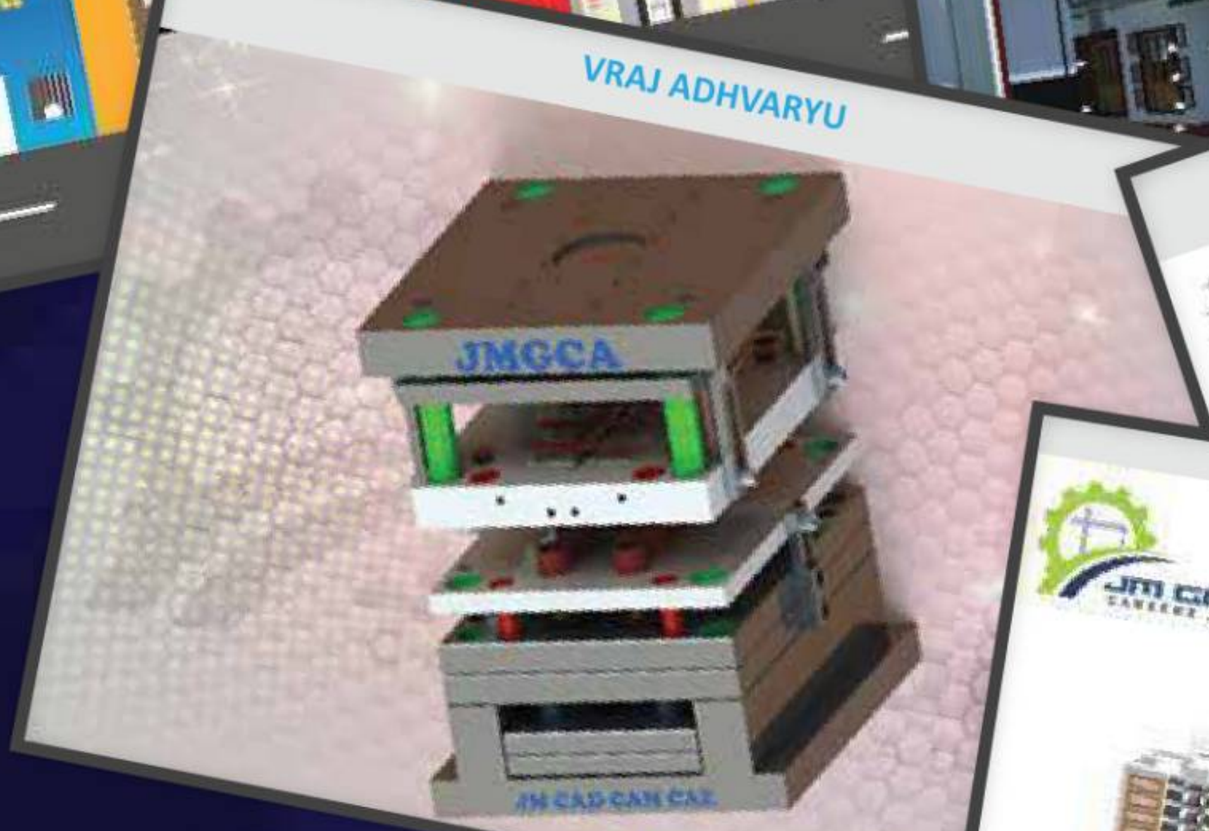
AKSHAT JAIN

SAVAN GAJJAR

ANKIT JANGID

PARTH PANCHAL

VRAJ ADHVARYU



DEVANI DEVANGI

DIPAK BHAI

Our Courses

- ADVANCED PROGRAM GRAPHIC DESIGN
- MASTER PROGRAM IN COMPOSITING AND EDITING
- MASTER PROGRAM IN 3D ANIMATION & VFX
- UI/UX DESIGN
- COMPUTER AIDED DESIGN (CAD)
- COMPUTER AIDED MANUFACTURING (CAM)
- (CNC & VMC 2 AXIS TO 12 AXIS
- COMPUTER AIDED ENGINEERING (CAE ANALYSIS)
- MOULD DESIGN ENGINEERING
- MASTER PROGRAM IN MECHANICAL
- ART CAM DESIGN ENGINEERING
- MASTER IN PROGRAM CIVIL & ARCHITECTURE
- MASTER PROGRAM IN INTERIOR & EXTERIOR DESIGN
- ADVANCE PROGRAM IN ELECTRICAL
- 3D SCAN REVERSE ENGINEERING IN PRODUCT DESIGN
- ADVANCE PROGRAM IN MECHANICAL ELECTRICAL AND PLUMBING
- ADVANCE PROGRAM IN AUTOMOBILE ELECTRIC AUTOMATION ENGINEERING

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