NetTech India

Get Certified

Mechanical CAD

https://nettechindia.com/

info@nettechindia.com

9870803004/5

About Us

NetTech India provides multiple software training in various fields (i.e. mechanical, civil, electrical, and management) and our training focuses not only on the theoretical and practical definition but also as per industrial requirement in accordance with the current trend.

We also focus on improving soft skills in terms of communication, leadership, teamwork, external appearance, and attitude which helps everyone to be professional in all the aspects of their career. NetTech India team consists of highly qualified experts whom you can trust.

https://nettechindia.com/

ABOUT
Mechanical CAD

Mechanical engineers plan, evaluate, and assist in the development of mechanical instruments, engines, and devices. They are used in almost all industries, including heavy machinery, shipbuilding, aerospace, automotive, and manufacturing. They are also working in companies for engineering services and product design. Learning with Nettech India students can carry out a wide variety of design and research practices. Concept Sketching, 2D Design & Drafting, 3D Modeling, Prototyping, and Performance & Safety Analysis are their main activities.

https://nettechindia.com/

BENEFITS OF
Mechanical CAD

- Career Growth - Higher Pay & Position
- Encourages professional development
- Enriches self-image and reputation
- Enhances professional credibility.
- Abundant Job Opportunities
- Used In Many Industries
- Global Recognition
- Secure and Flexible
- 50+ Case Studies
- 10+ Projects

https://nettechindia.com/

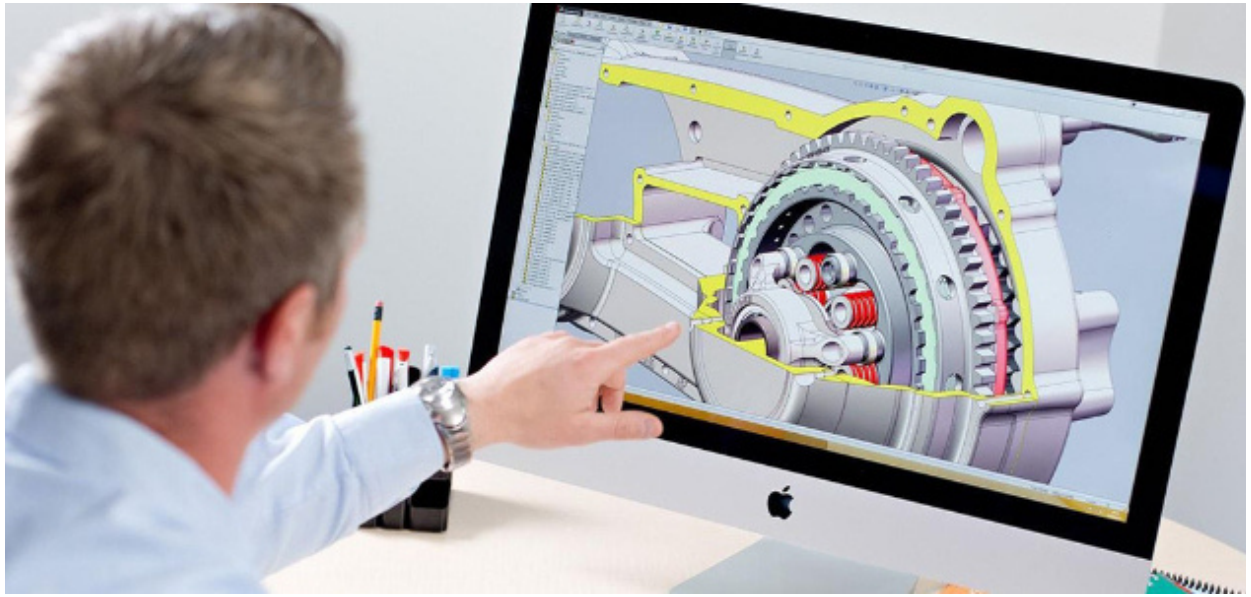
TABLE OF CONTENTS

1 AutoCAD Mechanical

It is a program for a mechanical design used for manufacturing. AutoCAD Mechanical engineering design software for the manufacture of mechanical CAD process acceleration products in the AutoCAD environment. In aligning industry-specific libraries of resources and components, AutoCAD Mechanical draws the best of AutoCAD, making it a must-learn for those interested in machinery design and construction.

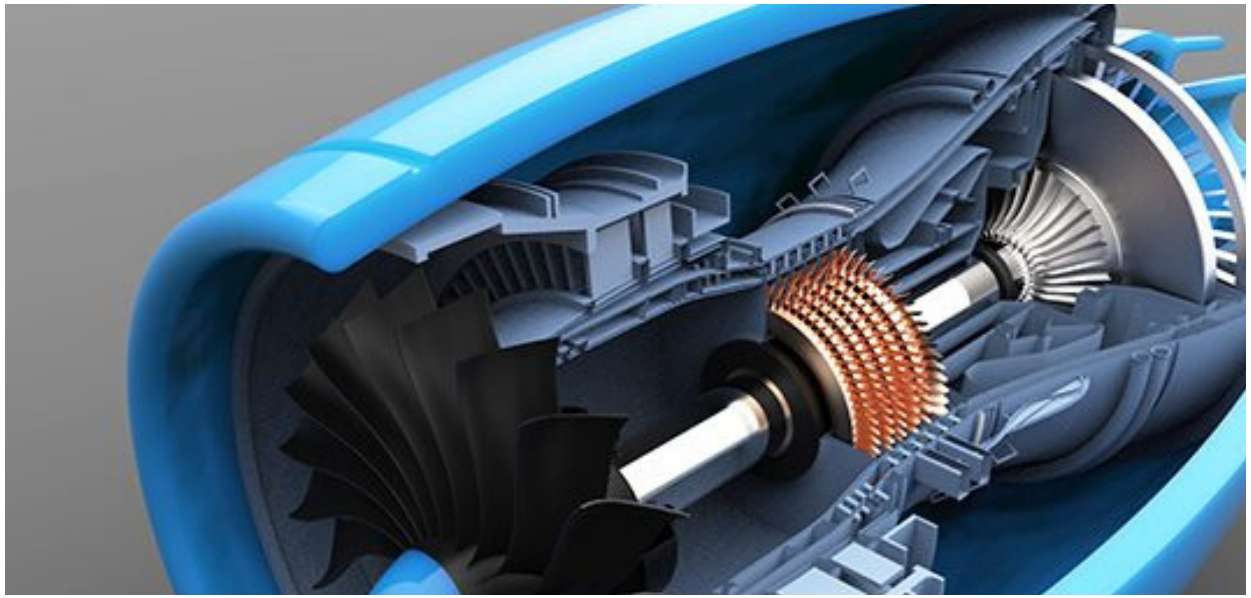
2 SolidWorks Course

SOLIDWORKS is a development platform that is used right from the design conceptualization to the product's final output. It promotes immersive learning of 3D modeling as the world's leading method in designing. Implementation of such software can provide users with several benefits, such as:
A cycle of Shortened Nature
Enhanced productivity of designers and engineers
Deliver creative goods faster.



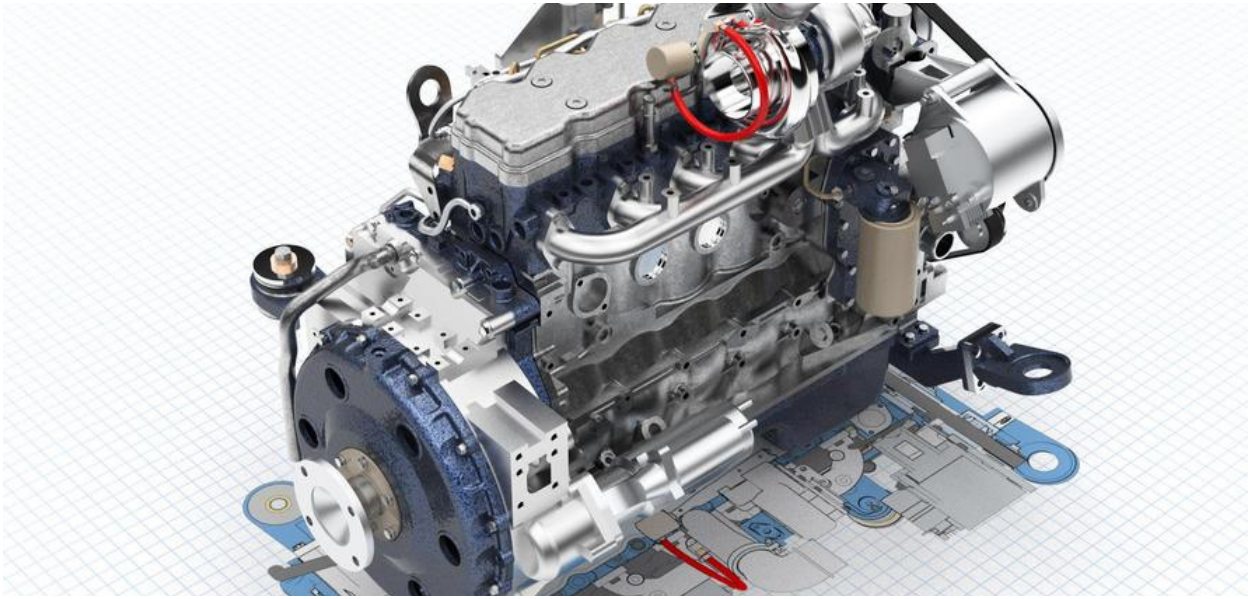
3 CATIA V5

A strong 3D parametric solid modeling program developed by Dassault Systems is CATIA V5, or Computer Aided Three Dimensional Application. It allows for high-quality mechanical products to be produced. It enables users with 3D sketching and simulation capabilities to draw shapes. Most significantly, for the product manufacturing industry, its engineering, design, and device engineering skills make it very useful.



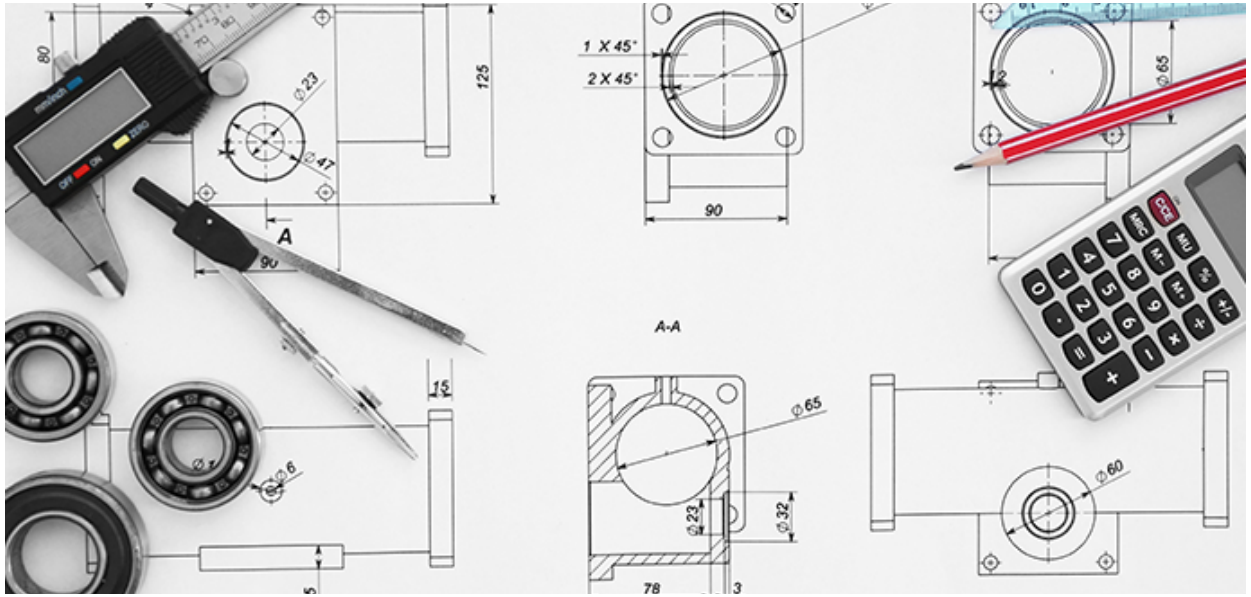
4 Creo Paramatric

Creo is more than a pro engineering release; it offers a completely new approach to the production of products. Creo Parametric has core-modeling strengths that anyone would predict from the leading applications in the industry. It is well-known software in the field of additive manufacturing, model-based definition, and smart connected design with groundbreaking capabilities.



5 NX CAD

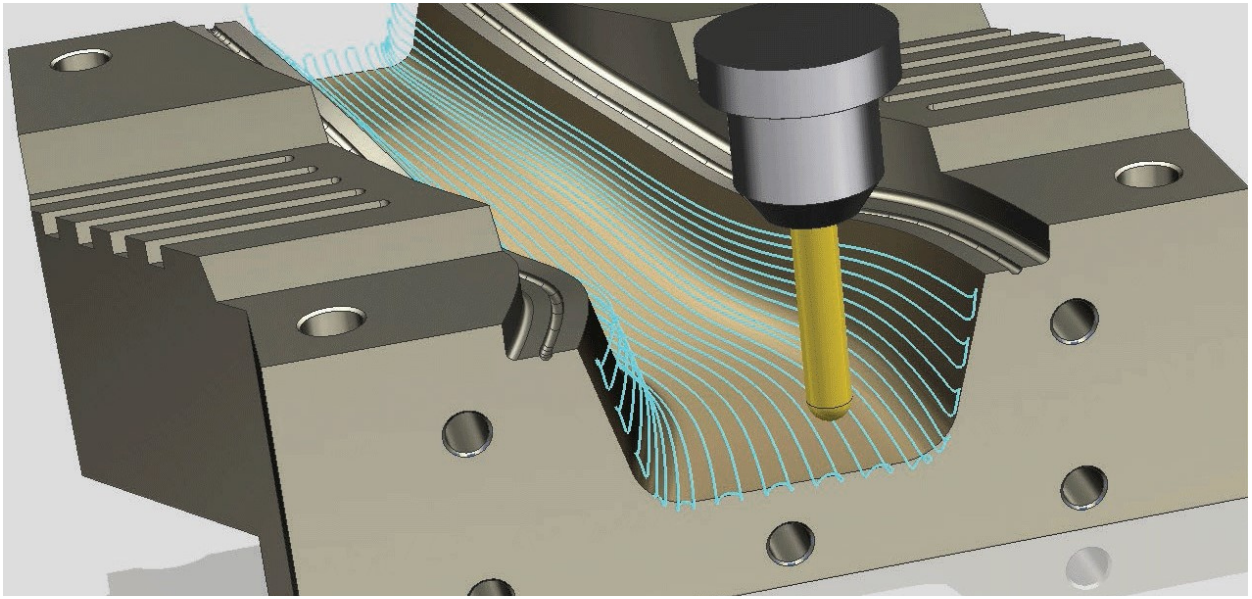
The Unigraphics NX is an integrated and advanced CAD, CAE, and CAM solution that is owned by Siemens PLM software. The software is an integrated solution for product design that streamlines and improves the process of product creation for engineers who are prepared to produce creative products in a collaborative environment.



https://nettechindia.com/

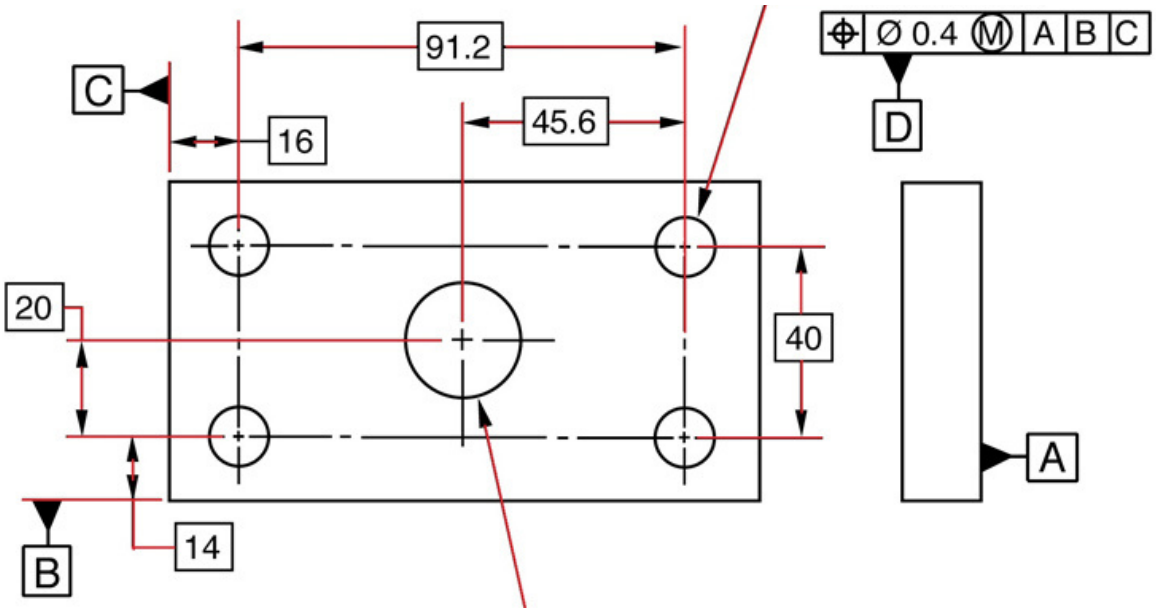
6 Software for NX CAM Manufacturing

NX CAM has a post-processing system that is closely integrated. G-code-driven simulation, which removes the need for separate simulation packages, requires several levels of NC software validation. NX CAM's versatility ensures that it is easy to complete the most challenging work, it also has a broad range of 2-axis and 3-axis machining capabilities for a prism and freeform components, ranging from manual tool path formation and editing to sophisticated, automated cutting techniques.



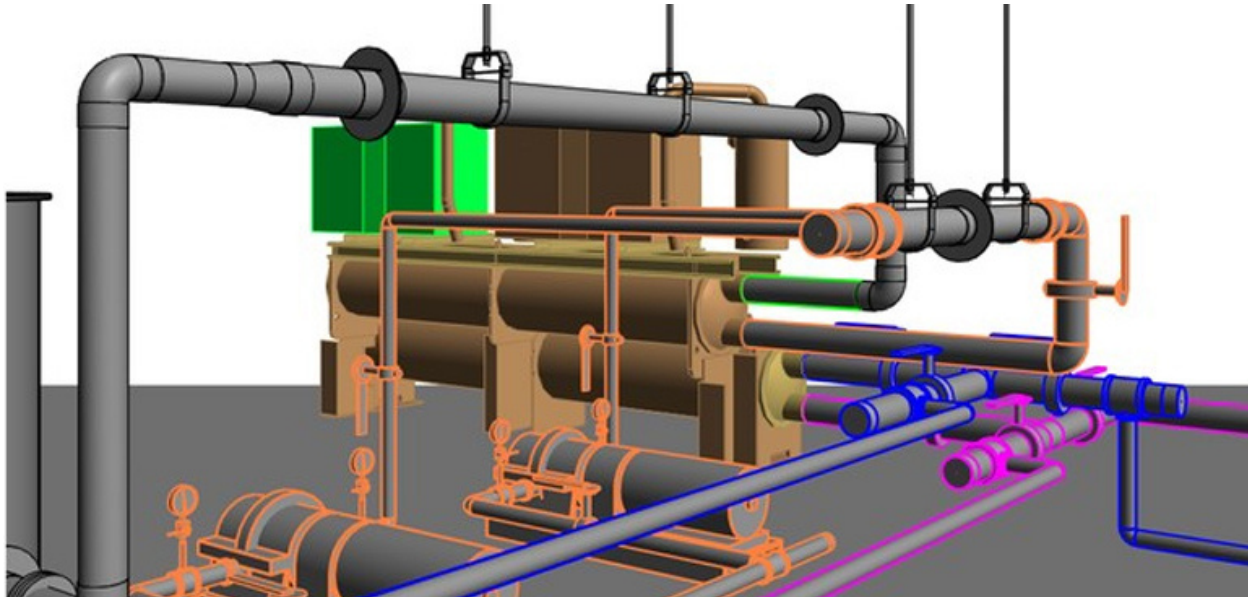
7 GD & T (Geometric Dimensioning and Tolerance (GD&T) system)

A framework for identifying and communicating engineering tolerances is the Geometric Dimensioning and Tolerance (GD&T) system. For engineering drawings and computer-generated three-dimensional solid models, it uses a symbolic language that specifically defines nominal geometry and its permissible variation. GD&T is an Alpha Dimensioning and Tolerancing acronym. This knowledge is transmitted in the form of observations found in the design of the component.



8 Revit MEP

Autodesk Revit MEP is a platform for construction information modeling (BIM) developed by Autodesk for professionals employed in MEP engineering. MEP stands for mechanical, electrical, and plumbing, the three engineering disciplines discussed by Revit MEP. In intelligent models, the program is strong enough to exploit complex knowledge. The software is used to streamline the process of engineering design to improve productivity in product design and production.



9 MATLAB

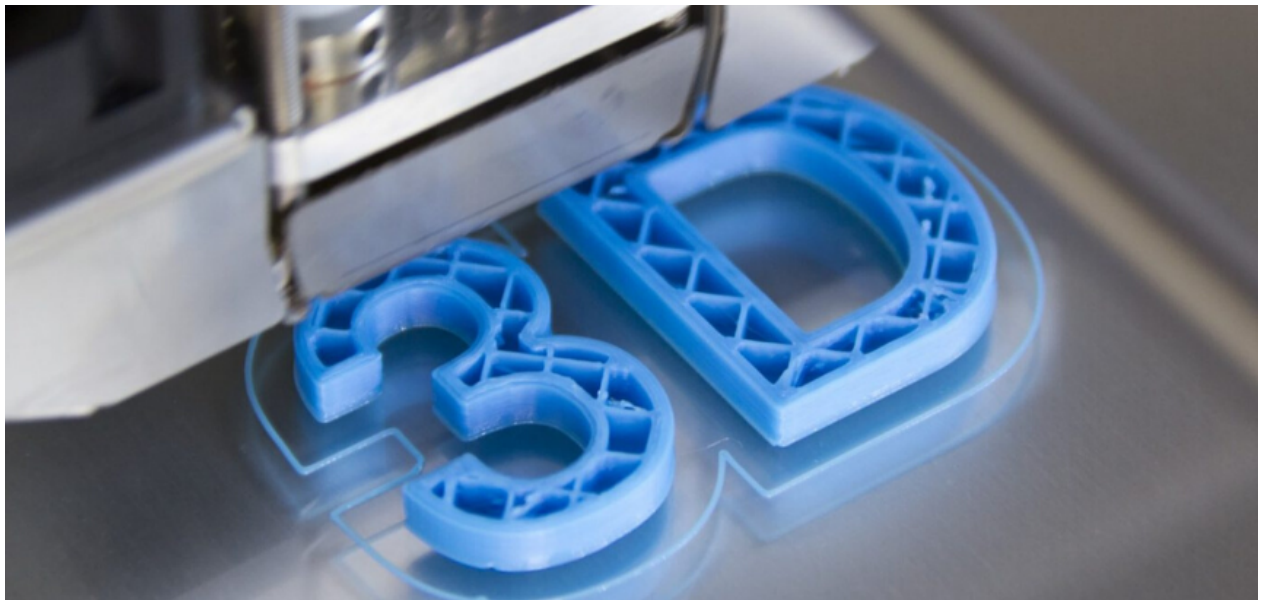
For technical computing, MATLAB is a high-performance language. In an easy-to-use environment where problems and solutions are articulated in familiar mathematical notation, it combines computing, visualization, and programming. The term MATLAB stands for matrix laboratory. Originally, MATLAB was written to provide easy access to matrix software developed by the LINPACK and EISPACK projects, which together represent the state-of-the-art matrix computing software. MATLAB is a high-performance technical computing language.

10 ANSYS Workbench

If you have ever experienced a rocket launch, powered a truck, controlled device, or cell phone, then you are likely to have used a product in ANSYS that has a critical function. ANSYS Mechanical is an instrument for the study of finite elements that are commonly used to analyze and solve complex mechanical problems. In predicting the behavior of the components in the manufacturing industry and real-world environments, the instrument is accurate. With the delivery of high-quality products produced in less time through a better information-based process,

11 3D Printing

3D printing refers to methods used to construct a three-dimensional object, often referred to as additive manufacturing (AM). Building 3D models requires a clear understanding of your 3D printer's computer software and technical hardware. Building 3D models requires a simple knowledge of the 3D printer's computer software and technical hardware, 3D printing can help businesses minimize costs by minimizing the amount of storage space they need. The process of creating three-dimensional objects from digital files is 3D printing or additive manufacturing.



12 Microsoft Project Course

Microsoft Project is a software application for project management designed to help a project manager create a strategy, allocate task resources, monitor progress, manage the budget, and evaluate workloads. Use Microsoft Project to perform critical tasks. ... There is a selection of tools for project management to choose from, all of which have the following functions: scheduling, cost control and budget management, allocation of resources, quality management, progress tracking, etc.

13 Primavera software

Primavera software provides capabilities for project management, coordination and control and integrates with other enterprise software such as ERP systems from Oracle or SAP. Primavera P6 is certainly an amazing application for project management, used worldwide, of course, which helps to schedule, manage and monitor project costs, activities, resources, performance and ease internally.

WHO CAN LEARN ?

- Anyone who wants to build a career as a Mechanical CAD.
- Anyone who wish to gain knowledge about Autocad Programming
- Students who are currently in college or university
- Students chose to study design.
- Students decided to work as a design engineer in the automotive industry.

CAREER OPPORTUNITIES

- Draftsman
- Engineer
- Industrial Design Tool
- Product Designer
- Product Engineer
- Civil engineering

PROCESS FOR SUCCESS

GET PLACED

GET TRAINED

ENROLL

FACILITIES OFFERED

- Practical Training on Live Projects
- 100% Placement Guarantee
- Interview Preparation
- Global Certification
- Fully functional labs
- Online / OfflineTraining
- Study Materials
- Expert level industry recognized training

https://nettechindia.com/

NetTech India

Get Certified

203, Ratnamani Building,
Dada Patil Wadi, Opp ICICI ATM,
Near Platform No.1Thane,
Maharashtra 400601

9870803004/5

info@nettechindia.com

https://www.nettechindia.com