

IMPORTANCE OF CAD/CAM TRAINING:

Need of the hour. To compete in today's furious market, manufacturing organizations must develop the product from "Concept to Reality" quicker than ever. In view of this, the need for Computer Aided Design and manufacturing plays a vital role. To stay in competition, it has become mandatory for all manufacturing companies to implement CAD/CAE/CAM/ PLM tools. The awareness about the importance of these technologies is growing rapidly in Indian industries in last few years. Many of them are shifting from traditional boundaries to modern design approach. It is the common grievance of the industry relating to the wide gap between the CAD-CAM training imparted at PG/UG/Diploma/ITI level vis-à-vis expectations in the competitive market outside. So an engineer has to undergo special training programs to get tuned with these latest technologies. Our aim is to train the engineers as per the need of the hour and hence to create better job opportunities.

Creo CAD

- Introduction
- Creo Interface
- Creating sketcher geometry & using sketcher tools
- Part Modeling
- Sketched Based Features
- Engineering Features

- Pattern
- Surfacing
- Surface analysis tools
 - Extending, trimming & manipulating surfaces
 - Editing Features-II
 - Feature Operations
 - Solidify
 - Assembly Modeling
 - Explode Assembly
 - Kinematics Mechanism
 - Sheet metal Modeling
 - Drafting and Detailing

Creo CAM

- Manufacturing & Milling
 - Introduction to Manufacturing
 - Introduction to Milling
 - CNC Programming
 - Methods Face Milling
 - Volume Milling
 - Profile Milling
- Cutting Parameters
- CL and TP File Generation

How this CAD/CAM training

Benefits You:

- 1) After training completion student can develop virtual 3D models of any mechanical component, assembly with detail manufacturing drawing of the same.

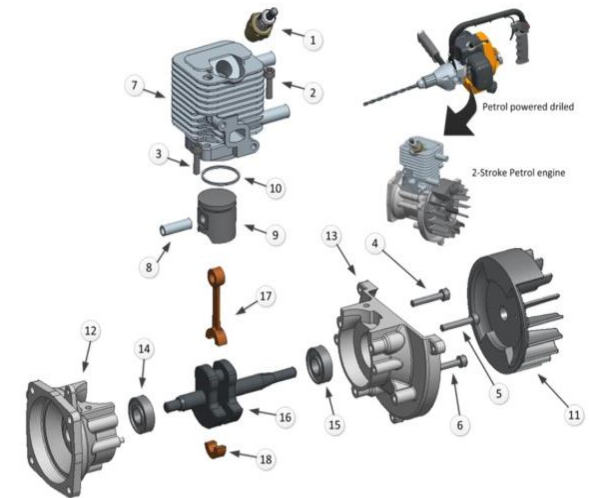
- 2) After training completion student can utilise this skills for inter college projects.
- 3) Student can work as a CAD/Design Engineer in any Automotive or Manufacturing company.
- 4) Student can work as a freelancer for CAD/CAM projects.
- 5) Student can work as a tool room CAD/CAM Engineer.
- 6) And many more prospects....

Industry using CAD/CAM technology

Manufacturing OEMs: TATA, Mahindra & Mahindra, Ashok Leyland, Hero Honda...

Engineering Services: TCS, Infosys, Wipro, KPIT Cummins, Infotech & many more

Research & Government: ISRO, HAL, DRDO, Ordnance Factories, BHEL, & many more.



About Government Polytechnic Nagpur

Government Polytechnic, Nagpur is one of the prime Institutions of Government of Maharashtra established in 1914. This Institute imparts technical education at Diploma and Post Diploma levels and is well known for its excellence at State level and National level. Institute has been accredited by National Board of Accreditation, New Delhi.

About DCS

Dysmech Consultancy Services Pvt. Ltd. (DCS) is a group of Dynamic Engineers headed by Mr. Vijay Kumar, an IIT (Kharagpur) Alumnus having vast industrial experience. DCS has positioned itself as one of the emerging company in India in Mechanical Automation. DCS has a nationwide presence with its offices in more than 15 cities in the country. DCS is Serving its clients through its three verticals namely Software Sales, Training on CAD/CAM Software's for Corporate & student and Engineering Services. The company pursues, as its aim to use the experience gained by its personnel & skilled experts to service clients maintaining high standards of quality while respecting time schedules. We are equipped with state of art technology to handle projects with accuracy and speed DCS expertise in providing cutting edge solution in the latest technologies that caters to the needs of

Automotive, Aerospace, Reverse Engineering, Digital Manufacturing and Tooling.

Program Details:

Eligibility Criteria for participation:

Post Graduate / Graduate / Under Graduate / Diploma / ITI Mechanical, Automobile, production, Packaging, Robotics & Automation.

Training on Software:

Creo Parametric (formerly Pro/E) from PTC USA

Training Content: (CAD/CAM)

Certification: Government Polytechnic Nagpur

Training Fees: Rs. 7,500/- Per Student

Duration: 150 Hrs. (10 weeks)

Batch Timing: Morning 7.30am to 9.30am Evening 6.30pm to 8.30pm

Lab Infrastructure: Well equipped computer laboratories with legal licensed software support for Creo (Pro/E), Catia & AutoCAD.

Training faculty are all PTC certified instructors.

For more Details please contact on: **Prof. D.S.Kulkarni** (I/C CED) Phone: 0712-6531125

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Presents
Continuing Education Program
On

Career Oriented
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in
CAD / CAM

IN
COLLABORATION WITH

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