

CREO WORKSHOP

OVERVIEW

Explore the latest version of creo before anyone else. Learn modelling using **CREO 4.0**. This curriculum is structured to provide as much exposure to industry best practices and to the variety of models and activities that occur in product development as is possible. There are 12 exercises and each exercise is typically organized with a hands-on activity to explain the concepts, then a practice model to enforce the learning of the concepts and then a final skills assessment activity that provides another model to demonstrate the acquired skills.

Teachers who are in the classroom are the best practitioners for determining how to integrate curriculum like this into the normal classroom curriculum so that it can enhance and reinforce the standards based curriculum that is being taught. This curriculum is engaging and inspiring and gives students hands-on, active learning experiences. It has been developed and tested in real classrooms and shown to engage and inspire students.

PTC Inc. proudly provides this curriculum as a part of its academic outreach programs in an effort to help inspire and engage the next generation of engineers, scientists, technicians and mathematicians. PTC's award winning "Engineering of the Future" program has impacted students and teachers all over the world. It is our hope that this new set of curriculum will continue to prepare the next generation of workforce for our customers and help improve the quality of life across the globe.

COURSE CONTENT:

- Solid Modeling
- Model Structure
- Model Analysis
- Assembly Constraints
- Assembling Systems
- Assembling Mechanisms
- Concept Development
- Preliminary Design

- Creating Parts & Assemblies
- Advanced Modeling
- A Virtual Laboratory
- Calculating Stress & Deflection

COURSE OUTCOME :

- Training on Solid Modeling, Model Structure, Model Analysis, Advanced Modeling and many more concepts.
- Training programs designed in consultation with industry experts and professionals
- Experience on projects
- All faculties are Certified by PTC for Creo.

BENEFITS:

- After training completion student can develop virtual 3D models of any mechanical component, assembly with detail manufacturing drawing of the same.
- Get to work on the latest version of creo, CREO 4.0.
- After training completion student can utilise this skills for inter college projects.
- Student can work as a CAD/Design Engineer in any Automotive or Manufacturing company.

VENUE: College of Engineering, Pune

WORKSHOP FEES: ₹ 1100 /- per participant

DATE: 16th and 17th September