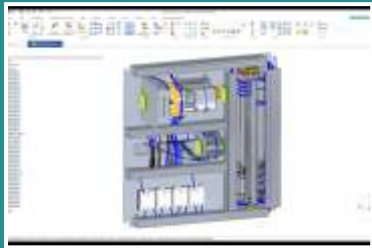
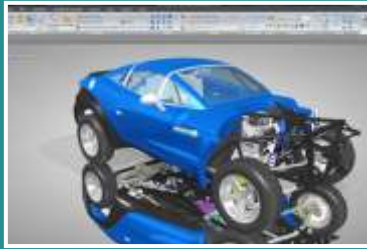


Industrial Application

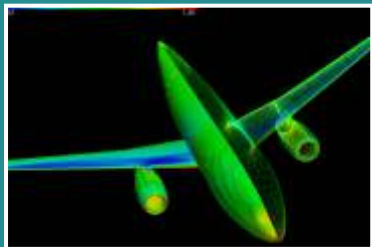
Automotive



Electrical Routing



Manufacturing



Aerospace



Medical

CENTRE ACTIVITIES



The perfect balance
between theory and practice ...



TRAINING



Consultancy



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CONTACT INFORMATION

AKGEC-SIEMENS Product Life cycle Management

📍 **AKGEC SKILLS FOUNDATION**

AKGEC Campus

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Industrial Training on "SOLID EDGE ST-09"

AKGEC SKILLS FOUNDATION

AKGEC-Skills is an initiative promoted by AKGEC & NSDC, Ministry of Skill Development & Entrepreneurship. The objective of this initiative is to encourage skill development for youth to increase productivity of the existing workforce and align the training and certification needs of the country's youth. AKGEC SKILLS works to promote training, education and upskilling activities in the fields of Industrial Automation, Robotics and Advance Manufacturing processes. Under this initiative nine state of art centres are operational. These centres have been set up in collaboration with several key Industry Partners including SIEMENS, BOSCH Rexroth, KUKA Robotics, Mitsubishi Electric, Fronius, Schmalz, CARL Zeiss and Pepperl+Fuchs .

AKGEC-SIEMENS: Product Lifecycle Management

To develop engineering professionals equipped with next-generation technologies, AKGEC jointly with SIEMENS Industry Software has setup PLM Centre of Excellence at AKGEC campus. This COE provides education to the next generation of designers / engineers on state of art software's such as SOLID EDGE, NX-CAD / CAM / CAE for digital product engineering, Team centre for digital life cycle management and Technomatix for digital manufacturing This COE address diverse industry segments like automotive, industrial machinery, Industrial automation, aerospace and shipbuilding etc.

About Course

Students will learn how to utilize Solid Edge to design production level parametric models of parts, assemblies, detail drawings and document management. They will also be familiar with the Solid Edge user interface, adding features, sketching tools and various modeling techniques in the Traditional environment as well as the Synchronous environment.

- Application of PLM in different types of industries
- 3D and 2D CAD sketching
- 2D and 3D CAD modeling
- Faster design using synchronous technology
- Surfacing of solid models as per industrial standard
- Complex assemblies
- Detail Drafting as per Industrial standard
- Different Motion Simulation
- Modeling of 3D Frames as per different standard
- Different type of Weldment
- Sheet metal modeling

Highlights

Implementation	: Theory & Practice
Language	: English
Duration	: 40 Hrs / 1 Week
Prerequisite	: Engineers, B.Tech pursuing Students
Training Location	: AKGEC-PLM
Certification Partner	: SIEMENS

Features

- Rapidly make changes through direct interaction, in early and late design stages, without the model rebuilding geometry
- Easily reuse geometry
- Work across multiple parts within an assembly at one time
- Work with imported geometry as if it were native
- Quickly and easily create production-ready drafting and documentation
- Simulate parts using technology based on Femap and Nastran

Outcomes

- Quick changes to models regardless of the authoring source, and directly edit/change imported geometry
- 39% of designers struggle with model creation
- Synchronous Technology has the ability to eliminate this problem
- Easy to make changes without your model regenerating
- Accelerate your design process by using a history-free environment

