



ANDHRA PRADESH STATE
Skill Development Corporation



SIEMENS

Product Design and Validation Lab

This Laboratory is fully associative CAD-CAE-CAM applications, NX touches the full range of development processes in product design, simulation and manufacturing

Features of the Laboratory

Product Design and Validation Lab introduces to the following Modules using NX CAD, NX CAE.

- ❖ Basic Design, Modelling, Drafting, Sheet Metal Design, Assembly and Industrials Design
- ❖ Advanced Simulation Process and Solution
- ❖ Finite Element Analysis
- ❖ Thermal and Flow Analysis
- ❖ Laminates Composites

Significance of the Laboratory

This Lab is suited for designers, engineers, manufacturing engineers, application programmers, NC programmers, CAD/CAM managers, and system managers who need to manage and use NX

- ❖ NX CAD provides leading-edge solutions for design that improve productivity throughout product development
- ❖ NX CAE is the use of computer software to simulate performance in order to improve product designs or assist in the resolution of engineering problems for a wide range of industries. This includes simulation, validation, and optimization of products, processes, and manufacturing tools