

Jawaharlal Nehru Technological University Anantapur  
College of Engineering Anantapuram

in collaboration with

Andhra Pradesh State Skill Development Corporation Tadepalli  
Siemens Center of Excellence

**Details of Product Design and Validation Laboratory**

The Course will be modular and scalable with design and engineering solutions. It includes Multiphysics simulations, Static and dynamic stress analysis, computational fluid dynamics (CFD), Finite Element Analysis (FEA), thermal analysis, system-level dynamic analysis and composites analysis.

**Modules Offered**

- ❖ Essentials for NX Designers
- ❖ Synchronous Modeling and Parametric design
- ❖ Intermediate NX designs and Assemblies
- ❖ Mechanical Freeform Modeling
- ❖ Project and practice

**Specialized Modules**

- ❖ Large Assemblies Management
- ❖ Touting Mechanical
- ❖ Routing Electrical
- ❖ Mold Wizard