



ANDHRA PRADESH STATE  
Skill Development Corporation



SIEMENS

## Advanced Manufacturing Laboratory

Planning Capabilities, Simulation Capabilities and Production Capabilities

### Features of the Laboratory

Advanced manufacturing Lab is introducing NX CAM, Teamcenter, Digital Manufacturing applications.

### Significance of the Laboratory

Advanced Manufacturing Lab Helps participants to Learn NX CAM, PLM, Rob CAD, Process Designers and Process Simulation and the significance of the Course explained Below.

- ❖ NX CAM software provides a wide range of functionality, from simple NC programming to high-speed and multi-axis machining, enabling you to address many tasks with one system. The flexibility of NX CAM software means that you can easily complete the most demanding jobs.
- ❖ PLM software allows companies to manage the entire lifecycle of a product efficiently and cost-effectively, from ideation, design and manufacture, through service and disposal. Computer-aided design (CAD), computer-aided manufacturing (CAM), computer-aided engineering (CAE), product data management (PDM) and digital manufacturing converge through PLM.
- ❖ Digital manufacturing systems allow manufacturing engineers to create the complete definition of a manufacturing process in a virtual

environment, including Tooling, Assembly Lines, Work Centres,  
Facility Layout, Ergonomics