



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

DEPARTMENT OF MECHANICAL ENGINEERING

MACHINE DRAWING THROUGH CAD LABORATORY

CAD/CAM (computer-aided design and computer-aided manufacturing) refers to computer software that is used to both design and manufacture products. CAD is the use of computer technology for design and design documentation. CAD/CAM applications are used to both design a product and program manufacturing processes, specifically, CNC machining. CAM software uses the models and assemblies created in CAD software to generate tool paths that drive the machines that turn the designs into physical parts. CAD/CAM software is most often used for machining of prototypes and finished parts.

List of Equipment

S. No	Item	Make	No. of Units	Cost per Unit (Rs.)	Total Cost (Rs.)
1	SOLIDWORKS	Dassault Systems	60	7080	4,24,800
2	Auto Cad	Auto desk	24	Open source	Open source
Total Cost (Rs.)					4, 24,800
<i>(In words: Rupees Four Lakhs twenty four thousand and eight hundred only)</i>					

HOD, ME