



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## DEPARTMENT OF MECHANICAL ENGINEERING

### FLUID THERMAL MODELLING AND SIMULATION 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	ANSYS	Ansys	50	13800.00	6,90,000
2	CADEM	Cadem Software Private Limited	30	18,880	5,66,400
3	CATIA	Dassault Systems	15	33,827	5,07,400
4	MAT LAB	MathWorks	60	7910.00	4,74,000
5	SOLIDWORKS	Dassault Systems	60	7080	4,24,800
<b>Total Cost (Rs.)</b>					<b>26, 62,600</b>
<i>(In words: Rupees twenty six lakhs sixty two thousand and six hundred only)</i>					

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