



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. D. Govardhan	Department:	Aeronautical Engineering
Regulation:	R16	Batch:	2017-2021
Course Name:	CAD/CIM	Course Code:	AAE521
Semester:	VI	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Explain the integration of CAD, CAM and other systems with support of hardware and software for product life cycle management.	3.0	2.6	2.9	Attainment target reached
CO2	Make use of geometric models, curve representation and surface representation to generate solid modelling.	2.3	2.6	2.4	Attainment target reached
CO3	Develop NC part program data using manual data input (MDI) and automatically using standard commercial CAM package for manufacturing of required component using CNC milling or turning applications.	2.3	2.7	2.4	Attainment not target reached
CO4	Compare various computer-controlled machine tools with respect to their functional capacity.	2.3	2.5	2.3	Attainment target reached
CO5	Recall the different quality control methods and various contact and non-contact inspection methods used in various manufacturing systems.	0.9	2.7	1.3	Attainment target reached
CO6	Organize the computer-controlled monitoring and material handling management system for computer integrated manufacturing systems.	0.9	2.7	1.3	Attainment target reached

#### Action taken report:

CO 5: Application oriented problems may be given.

CO 6: Real time application may be better for attainment.

Course Coordinator

Mentor

HOD

Head of the Department  
Aeronautical Engineering  
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