



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Mr. G ARAVIND REDDY** Department: **Mechanical Engineering**  
Regulation: **IARE - R18** Batch: **2019-2023**  
Course Name: **CAD/CAM** Course Code: **AMEB26**  
Semester: **VII** 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.	2.40	2.20	2.4	Attained
CO2 Make use of geometric models, curve representation and surface representation to generate solid modelling.	0.70	2.20	1	Not Attained
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.	0.70	2.20	1	Not Attained
CO4 Compare various computer controlled machine tools with respect to their functional capacity.	1.60	2.20	1.7	Not Attained
CO5 Chose the different quality control methods and various contact and non-contact inspection methods used in various manufacturing systems.	2.30	2.20	2.3	Attained
CO6 Organize the computer controlled monitoring and material handling management system for computer integrated manufacturing systems.	3.00	2.20	2.8	Attained

#### Action Taken:

CO2: More assignments are provided to the students

CO3: more problems are required for practice and exercises for CNC programming

CO4: Basic understanding is necessary with machine tools a prerequisite course need to brushup

Course Coordinator

Mentor

Head of the Department

Head of the Department  
Mechanical Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043