



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

|                      |                      |               |                        |
|----------------------|----------------------|---------------|------------------------|
| Name of the faculty: | Dr. V MAHIDHAR REDDY | Department:   | Mechanical Engineering |
| Regulation:          | IARE - UG20          | Batch:        | 2021-2025              |
| Course Name:         | CAD/CAM              | Course Code:  | AMEC38                 |
| Semester:            | VII                  | Target Value: | 60% (1.8)              |

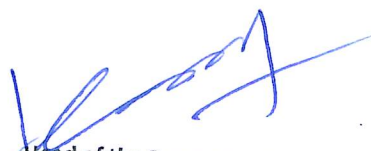
#### Attainment of COs:

| 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.                                                                        | 3.00              | 2.00                | 2.8                | Attained    |
| CO2            | Make use of geometric models, curve representation and surface representation to generate solid modelling                                                                                             | 3.00              | 2.10                | 2.8                | 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. | 3.00              | 2.00                | 2.8                | Attained    |
| CO4            | Compare various computer controlled machine tools with respect to their functional capacity                                                                                                           | 3.00              | 2.00                | 2.8                | Attained    |
| CO5            | Choose the different quality control methods and various contact and non-contact inspection methods used in various manufacturing systems.                                                            | 3.00              | 2.00                | 2.8                | Attained    |
| CO6            | Organize the computer controlled monitoring and material handling management system for computer integrated manufacturing systems.                                                                    | 3.00              | 2.10                | 2.8                | Attained    |

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

  
Course Coordinator

  
Mentor

  
Head of the Department  
Head of the Department  
Mechanical Engineering  
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