



# INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

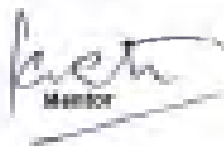
|                      |                               |               |                        |
|----------------------|-------------------------------|---------------|------------------------|
| Name of the faculty: | Dr. GVR. SESHAGIRI RAO        | Department:   | Mechanical Engineering |
| Regulation:          | IARE - R18                    | Batch:        | 2018-2022              |
| Course Name:         | Theory of Machines Laboratory | Course Code:  | AMEB20                 |
| Semester:            | V                             | Target Value: | 60% (1.8)              |

### Attainment of COs:

| Course Outcome   | Direct attainment | Indirect attainment | Overall attainment | Observation |
|--|-------------------|---------------------|--------------------|-------------|
| CO1 Identify the gyroscopic effect for the real time applications of ships, aero planes .          | 2.10              | 0.00                | 2.1                | Attained    |
| CO2 Examine the life expectancy for ball bearing and their real time application.                  | 2.10              | 0.00                | 2.1                | Attained    |
| CO3 Select the appropriate journal bearing for balancing of machine components such as shafts.     | 2.10              | 0.00                | 2.1                | Attained    |
| CO4 Build out the inversion mechanism for 4-bar mechanism to form different mechanical components. | 2.10              | 0.00                | 2.1                | Attained    |
| CO5 Design the shafts material for calculate the critical speed of shafts                          | 2.10              | 0.00                | 2.1                | Attained    |
| CO6 Choose the balancing techniques for effective balancing of machines and structures.            | 2.10              | 0.00                | 2.1                | Attained    |

### Action Taken:

  
Course Coordinator

  
Mentor

  
Head of the Department

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