



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

| | | | |
|----------------------|-----------------|---------------|------------------------|
| Name of the faculty: | Mr. P ANJIAH | Department: | Mechanical Engineering |
| Regulation: | IARE - R20 | Batch: | 2021-2025 |
| Course Name: | Data Structures | Course Code: | ACSC08 |
| Semester: | III | Target Value: | 60% (1.8) |

Attainment of COs:

| | Course Outcome | Direct Attainment | Indirect Attainment | Overall Attainment | Observation |
|-----|---|-------------------|---------------------|--------------------|--------------|
| CO1 | Interpret the complexity of algorithm using the asymptotic notations. | 1.30 | 2.10 | 1.5 | Not Attained |
| CO2 | Select appropriate searching and sorting technique for a given problem. | 1.30 | 2.10 | 1.5 | Not Attained |
| CO3 | Construct programs on performing operations on linear and nonlinear data structures for organization of a data. | 0.90 | 2.10 | 1.1 | Not Attained |
| CO4 | Make use of linear data structures and nonlinear data structures for solving real time applications.. | 2.70 | 2.10 | 2.6 | Attained |
| CO5 | Describe hashing techniques and collision resolution methods accessing data with respect to performance. | 1.70 | 2.10 | 1.8 | Attained |
| CO6 | Compare various types of data structures in terms of implementation, operations and performance. | 2.00 | 2.00 | 2 | Attained |

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

CO1: More examples on interpretation of the complexity of algorithm using the asymptotic notations required.

CO2: More assignments may be given on selection of appropriate searching and sorting technique for a given problem.

CO3: More examples of programs on performing operations on linear and nonlinear data structures for organization of a data may be given.


Course Coordinator


Mentor


Head of the Department

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