



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

| | | | |
|----------------------|---|---------------|--------------------|
| Name of the faculty: | B.Pravalika | Department: | IT |
| Regulation: | IARE - R16 | Batch: | 2017 - 2021 |
| Course Name: | Discrete Mathematical Structures | Course Code: | AHS013 |
| Semester: | III | Target Value: | 60% (1.8) |

Attainment of COs:

| Course Outcome | | Direct attainment | Indirect attainment | Overall attainment | Observation |
|----------------|--|-------------------|---------------------|--------------------|---------------------------------------|
| CO1 | Make use of mathematical definitions and its notations for reformulating statements in formal logic and validating normal forms. | 2.3 | 2.4 | 2.3 | Attainment target reached |
| CO2 | Demonstrate operations on discrete mathematical structures like sets, functions, lattices for representing the relations among them. | 0.9 | 2.4 | 1.2 | Attainment target is not yet reached. |
| CO3 | Illustrate rings, integral domains, and field structures with binary operations defined on them.. | 0.9 | 2.4 | 1.2 | Attainment target is not yetreached. |
| CO4 | Apply addition rule and substitution rule for solving the problems of combinatorics.. | 0.9 | 2.4 | 1.2 | Attainment target is not yet reached. |
| CO5 | Develop solutions for recurrence relations and generating functions to obtain terms of equation. | 1.6 | 2.4 | 1.8 | Attainment target reached |
| CO6 | Identify appropriate algorithms of graphs and trees for finding shortest path | 1.6 | 2.4 | 1.8 | Attainment target reached |

Action taken report: (To be filled by the concerned faculty / course coordinator)

For example:

CO2: Need to Provide more related topics Examples.

CO3:Extend The Topic Clear and give the examples.

CO4:Need to provide More concepts and assignments..

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Course Coordinator

Handwritten signature of Swati in blue ink, with a long horizontal stroke extending to the right.

Mentor

Handwritten signature of K. Reddy in blue ink, with a stylized 'K' and 'R'.

HOD