



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

STRUCTURAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

| | | | |
|----------------------|------------------------------|---------------|------------------------|
| Name of the faculty: | Mr. AKASAM RAJESH | Department: | Structural Engineering |
| Regulation: | IARE - MT23 | Batch: | 2023-2025 |
| Course Name: | Advanced Concrete Technology | Course Code: | BSTD04 |
| Semester: | I | Target Value: | 70% (2.1) |

Attainment of COs:

| Course Outcome | | Direct Attainment | Indirect Attainment | Overall Attainment | Observation |
|----------------|---------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------|--------------------|-------------|
| CO1 | Explain the basic physical and chemical properties of construction materials for determining quality of concrete. | 3.00 | 2.10 | 2.8 | Attained |
| CO2 | Outline the workability and manufacturing process of concrete for obtaining economical and durable concrete. | 3.00 | 2.30 | 2.9 | Attained |
| CO3 | Inspect the impact of water-cement ratio on the strength and durability of concrete using hardened strength measurements. | 3.00 | 2.10 | 2.8 | Attained |
| CO4 | Identify the materials and technics of repair for rehabilitation and retrofitting of structures. | 3.00 | 2.10 | 2.8 | Attained |
| CO5 | Develop the most economical and eco-friendly concrete mix based on standard methods for producing quality of concrete. | 3.00 | 1.90 | 2.8 | Attained |
| CO6 | Examine special concretes and new generation concrete for satisfying the future needs of industry in real time. | 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
Civil Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
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