



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

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| Name of the faculty: | Dr. P Srilatha | Department: | EEE |
| Regulation: | IARE - R16 | Batch: | 2016 - 2020 |
| Course Name: | COMPUTATIONAL MATHEMATICS AND INTEGRAL CALCULUS | Course Code: | AHS003 |
| Semester: | I | Target Value: | 60% (1.8) |

Attainment of COs:


| Course Outcome | Direct attainment | Indirect attainment | Overall attainment | Observation |
|--|-------------------|---------------------|--------------------|--------------|
| CO1 Apply numerical methods for solving algebraic, transcendental equations and interpolating the data. | 3 | 2.6 | 2.9 | Attained |
| CO2 Make use of least square methods for fitting straight lines, second degree, exponential and power curves. | 3 | 2.5 | 2.9 | Attained |
| CO3 Utilize numerical methods for solving linear differential equations with initial conditions. | 1.6 | 2.5 | 1.8 | Attained |
| CO4 Identify the limits of definite integrals for calculating the area of solids. | 1.6 | 2.4 | 1.8 | Attained |
| CO5 Extend vector operations and theorems for finding line, surface and volume integrals. | 0.9 | 2.4 | 1.2 | Not Attained |
| CO6 Determine characteristics of special functions for solving proper and improper integrals. | 2.3 | 2.3 | 2.3 | Attained |

Action taken report:

CO 5: Need to provide assignments on vector operations


Course Coordinator


Mentor


Head of the Department
Electrical and Electronics Engineering
HOD
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