



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Dr. S. Jagadha	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Computational Mathematics Laboratory	Course Code:	AHS102
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Solve the algebraic and transcendental equations with in given range using MAT LAB programs	1.40	0.00	1.4	Attainment target not reached
CO2	Utilize MAT LAB programs for verifying properties of limits, derivatives of a function	1.40	0.00	1.4	Attainment target not reached
CO3	Interpret rank, eigen values and vectors for matrix transformations	1.40	0.00	1.4	Attainment target not reached
CO4	Utilize MAT LAB programs for solving differential equations, and multiple integrals.	1.40	0.00	1.4	Attainment target not reached
CO5	Make use of MAT LAB programs for finding interpolating values of differential equations numerically.	1.40	0.00	1.4	Attainment target not reached
CO6	Use MAT LAB programs for vector operations on vector field.	1.40	0.00	1.4	Attainment target not reached

Action taken report:

CO1: More experiments need to be done on MAT LAB programs.

CO2: Assignments may be given on MAT LAB programs for verifying properties of limits, derivatives of a function.

CO3: More examples may be given on eigen values and vectors for matrix transformations.


CO4: More problems may be given on MAT LAB programs for solving differential equations, and multiple integrals.

CO5: More practical need to be done on MAT LAB programs for finding interpolating values of differential equations numerically.

CO6: More assignments need to be given on MAT LAB programs for vector operations on vector field.


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
HOD
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