INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. K SUVARCHALA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - BT23**	Batch:	**2023-2027**
Course Name:	**Programming for Problem Solving Laboratory**	Course Code:	**ACSD06**
Semester:	**II**	Target Value:	**75% (2.3)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Adapt programming concepts and skills using python programming	1.20	0.00	1.2	Not Attained
CO2	Encourage critical thinking and problem-solving skills by tackling complex problems	1.20	0.00	1.2	Not Attained
CO3	Gain a solid understanding of fundamental data structures like stacks, queues, trees for effective problem-solving skills	1.20	0.00	1.2	Not Attained
CO4	Apply graph routing and shortest path algorithms to solve real world problems	1.20	0.00	1.2	Not Attained
CO5	Develop problem-solving skills and the ability to solve graph-related challenges like graph coloring, traversals	1.20	0.00	1.2	Not Attained
CO6	Exposed to various numerical integration techniques to tackle a wide range of computational problems	1.20	0.00	1.2	Not Attained

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

CO1: Make student to practice More number of exercise problems on basic concepts of Python.

CO2: Tutorial laboratory sessions will be arranged to Practice additional programs related to critical thinking problems

CO3: Recommended students to learn the concepts through NPTEL courses related to Data structures.

CO4: Learn and practice additional programs related to Shortest path problem concepts by participating hackthons

CO5: Practice more real-life applications for solving graph related problems through solving small case studies

CO6: Practical demonstration will be arranged on development of Computational Problems.

Course Coordinator   **Mentor**   **Head of the Department**