



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## CIVIL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. D ATCHUTA RAMACHARYULU	Department:	Civil Engineering
Regulation:	IARE - BT23	Batch:	2023-2027
Course Name:	Object Oriented Programming with Java Laboratory	Course Code:	ACSD02
Semester:	I	Target Value:	70% (2.1)

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Develop non-trivial programs in an modern programming language	1.20	0.00	1.2	Not Attained
CO2 Apply the principles of selection and iteration	1.20	0.00	1.2	Not Attained
CO3 Appreciate uses of modular programming concepts for handling complex problems	1.20	0.00	1.2	Not Attained
CO4 Recognise and apply principle features of object-oriented design such as abstraction and encapsulation	1.20	0.00	1.2	Not Attained
CO5 Design classes with a view of flexibility and reusability	1.20	0.00	1.2	Not Attained
CO6 Code, test and evaluate small usecases to conform to a specification	1.20	0.00	1.2	Not Attained

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

CO1: Assigned mini-projects and problem-solving tasks focusing on data structures, algorithms, and real-world applications.

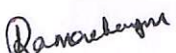
CO2: Provided debugging and optimization techniques to improve the use of control structures in real-world applications.

CO3: Conducted hands-on sessions on modular programming using functions, classes, and libraries to break down complex problems into manageable modules.

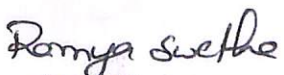
CO4: Assigned mini-projects that required students to design and develop modular, reusable, and maintainable software solutions using OOP principles.

CO5: Conducted hands-on coding exercises to design flexible and reusable classes using inheritance, polymorphism, and interfaces in an object-oriented programming language.

CO6: Conducted hands-on coding sessions where students implemented small use cases based on given specifications.

  
Course Coordinator

  
Mentor

  
Head of the Department  
Civil Engineering  
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