



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

STRUCTURAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. K CHINA APPARAO	Department:	Structural Engineering
Regulation:	IARE - R18	Batch:	2020-2022
Course Name:	RESEARCH METHODOLOGY & IPR	Course Code:	BCSB31
Semester:	III	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Interpret the technique of determining a research problem for a crucial part of the research study	0.90	2.40	1.2	Not Attained
CO2 Examine the way of methods for avoiding plagiarism in research.	0.90	2.40	1.2	Not Attained
CO3 Apply the feasibility and practicality of research methodology for a proposed project.	0.90	2.40	1.2	Not Attained
CO4 Make use of the legal procedure and document for claiming patent of invention.	0.90	2.40	1.2	Not Attained
CO5 Identify different types of intellectual properties, the right of ownership, scope of protection to create and extract value from IP.	0.90	2.50	1.2	Not Attained
CO6 Defend the intellectual property rights throughout the world with the involvement of world intellectual property organization	0.90	2.20	1.2	Not Attained

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

- CO1: Conducted classroom lectures explaining the importance of identifying and defining a research problem in a study.
- CO2: Demonstrated different types of plagiarism including direct copying, paraphrasing without citation, and self-plagiarism.
- CO3: Organized problem-solving sessions to assess resource requirements, time constraints, and technical challenges.
- CO4: Compared real-world patent documents to highlight best practices and common mistakes.
- CO5: Assigned exercises to identify appropriate IP protection strategies for different innovations.
- CO6: Assigned exercises to practice filing and defending IP rights in multiple jurisdictions.


Course Coordinator


Mentor


Head of the Department

Civil Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING