



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. V MAHIDHAR REDDY	Department:	Mechanical Engineering
Regulation:	IARE - UG20	Batch:	2021-2025
Course Name:	Production Planning and Control	Course Code:	AMEC56
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Define different inventory methods in Production Planning that empower manufacturers to enhance smarter and optimized production process. Show the necessity and importance of expediting based on functionality, cost and time in development of business activity.	3.00	2.30	2.9	Attained
CO2	Classify various Forecasting techniques (Qualitative and Quantities) to provide valuable inputs for number of planning decisions and continuous improvement.	2.30	2.30	2.3	Attained
CO3	Explain different types of inventories and select the ordering quantity for minimizing the operation cost. Master Production Schedule and a resultant Materials Requirement Plan (MRP) for a complete production facility.	3.00	2.30	2.9	Attained
CO4	Identify the forecasting models and errors associated with production to develop business enterprise for product demand, profits, sales, material requirements and the capacity planning process for business operations.	2.00	2.30	2.1	Attained
CO5	Make use of the impact of production/inventory cost decisions and operations strategies on the break-even, return on investment and profit analysis of a business enterprise Apply forward and backward scheduling policies to analyze different job shop schedules with reference to priority rules.	2.40	2.30	2.4	Attained
CO6	Summarize production and inventory planning/control systems and scheduling techniques by using engineering techniques for a complete production facility. Make use of centralized and decentralized dispatching techniques for product delivery as per customer needs	2.00	2.30	2.1	Attained

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

Course Coordinator

Mentor

Head of the Department

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