



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. V Mahidhar Reddy	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Production Planning and Control	Course Code:	AME518
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Recall different inventory methods in Production Planning that empower manufacturers to enhance smarter and optimized production process. Select the necessity and importance of expediting based on functionality, cost and time in development of business activity.	3.00	2.30	2.9	Attainment target reached
CO2	Classify various Forecasting techniques (Qualitative and Quantities) to provide valuable inputs for number of planning decisions and continuous improvement.	1.60	2.30	1.7	Attainment target not reached
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.	0.90	2.30	1.2	Attainment target not reached
CO4	Identify the forecasting models and errors associated with production to develop business enterprise for product demand, profits, sales, material requirements	1.60	2.30	1.7	Attainment target not reached
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.	0.90	2.30	1.2	Attainment target not reached
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.	0.90	2.30	1.2	Attainment target not reached

Action taken report:

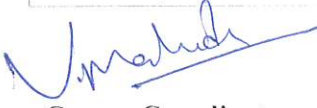
CO2: Extra tutorial hours essential to discuss various Forecasting techniques.

CO3: More practice has to be given for MRP concepts


CO4: Solve few Assignments in an identify the forecasting models

CO5: Different types of problems an analyze different job shop schedule problems.

CO6: More problems to be solved in dispatching techniques.


Course Coordinator


Mentor


Head of the Department
Mechanical Engineering
HOD
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