



INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous)

Dundigal, Hyderabad - 500043, Telangana

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. V MAHIDHAR REDDY	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Production Planning and Control	Course Code:	AMEB52
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	2.40	2.9	Attained
CO2 Classify various Forecasting techniques (Qualitative	1.00	2.30	1.3	Not 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.	0.90	2.40	1.2	Not Attained
CO4 Identify the forecasting models and errors associated with production to develop business enterprise for product demand, profits, sales, material requirements	0.90	2.30	1.2	Not 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.	2.30	2.40	2.3	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.	0.90	2.40	1.2	Not Attained

Action Taken:

- CO2: Extra tutorial hours are required for Forecasting techniques
- CO3: more practices are required for MRP concepts
- CO4: solve a few assignments and identify the forecasting models
- CO6: more problems to be solved on dispatching techniques

Course Coordinator

Head of the Department
Head of the Department
Mechanical Engineering

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