



A TECHNICAL REPORT ON PEDAGOGY IMPLEMENTED

CASE STUDY

PRODUCTION PLANNING AND CONTROL

FUNCTIONS OF PPC

IV/I SEMESTER

2-01-2019

ACADAMIC YERY:2018-19

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INTRODUCTION ON PEDAGOGY:

Case studies have long been used in business schools, law schools, medical schools and the social sciences, but they can be used in any discipline when instructors want students to explore how what they have learned applies to real world situations. In this subject complete related to production, planning and control of any industry. In my teaching most of the topics are taught by Case study pedagogy.

IMPLEMENTATION:

While implementing this case study pedagogy dividing students into different groups. In each group contain 4 or 5 numbers of students. Give any one of the topic to student groups, they will give their opinion on that particular topic. After completion of task, I will give real time example and explain how it will really implemented in industry. After completion of my lecture, students ask questions regarding that topic. Then I will clarify.

PROOFS:



Student groups.

OUTCOME:

By using this pedagogy students will more understand on what happened in Industry and more exposure on real time examples. This will more help full while they doing the mini and major projects .

E-RESOURCES/Texbooks Referred :

PRODUCTION PLANNING AND CONTROL

UNIT-I Introduction: Definitions – objectives of production planning and control functions of production planning and control-elements of production control types of production- organization of production planning and control – internal organizations department

UNIT-II Forecasting – Importance of forecasting – types of forecasting, their uses general principles of forecasting techniques- Qualitative methods and quantitative methods.

UNIT-III Inventory management – Functions inventory- Relevant inventory cost- ABC analysis- VED Analysis- EOQ model – Inventory control systems – P- Systems and Q – Systems Introduction to MRP And ERP, LOB(Line of balance), JIT inventory, Japanese concepts.

UNIT- IV Routing – Definition – routing procedure- Route sheets – Bill of material factors affecting routing procedure. Schedule – definition – difference with loading. Scheduling polices – techniques, standard scheduling methods- job shop, flow shop,. Line balancing, aggregate planning- methods for aggregate planning- Chase planning, expediting, control aspects.

UNIT-V Dispatching – Activities of dispatcher- Dispatching procedure - follow up – definition – reasons for existence of functions – types of follow up, applications of computer in production planning and control

TEXT BOOKS: 1. Production Planning and Control/ M.Mahajan/ Dhanpati rai & Co 2. Production Planning and Control/ Jain & Jain/ Khanna publications

REFERENCE BOOKS : 1. Production Planning and Control- Text & cases/ SK Mukhopadhyaya

Link1:

Text books:

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ICT USAGE:

COMPUTERS, SOUND SYSTEM , MOBILE ,Projector etc..

CONTENTS OUT OF SYLLABUS:

- 1) Real time projects execution like power plants,Lift irrigation projects
- 2) How the government projects were executed and roles of different technical and Nontechnical bodies.

RUBRICS (if followed):

MID EXAMS:

Section-A

	A	B	C	D
MID-1	43	13	02	02
MID-2	40	18	00	02

Section-B

	A	B	C	D
MID-1	47	07	00	02
MID-2	49	06	01	00

TIME TAKEN TO COMPLETE THE ACTIVITY:

I Hour 40 minutes

BEST Performer:

15E51A0373,15E51A0393,15E51A03B5,16E55A0311

Slow performer:

16E55A0333

15E51A0308

15E51A0313

15E51A0326

Suggestions given to Slow Learner:

CHALLENGES:

1. Buddy faculty assistance is required
2. Controlling of the students

NO.OF STUDENTS PARTICIPATED: 60

NO.OF BATCHES MADE: 12

STUDENT FEEDBACK:

1. Give more examples
2. Similarly apply for all other topics
3. They can easily understand the topics.

MODE OF FEEDBACK:

Orally they expressed.

Submitted by:

HOD

Principal