

FR. Conceicao Rodrigues College Of Engineering
 Father Agnel Ashram, Bandstand, Bandra-west, Mumbai-50
Department of Production Engineering

B.E. (Production) (semester VII) (2019-2020)

Lecture Plan

Subject: Economics, Finance, Accounting and Costing (PT-PEC803)

Credits-04

1. Syllabus.

Module	Contents	Hrs.
01	Introduction Definition of Economy, Central problems of an economy: what, how and for whom to produce; concepts of production possibility frontier and opportunity Cost. Economics, its scope and importance. Introduction to Micro and Macro Economics and their comparison.	04
02	Micro Economics Consumer's Behavior: meaning of utility, marginal utility and law of Diminishing Marginal Utility. Conditions of consumer's equilibrium using marginal utility analysis utility, law of demand and relation between law of demand & law of diminishing marginal utility. Producer's Behavior: law of supply, variation in supply, Types of elasticity of supply. Types of Market: perfect competition, pure competition, Monopoly.	04
03	Macro Economics Concept of National Income: Circular flow of income, Distinction between Gross and Net National Income. Different Methods of Measuring National Income, Definition of Money, Functions of Money, Value of Money and Different concepts of Money. Economic Policy: Monetary, Income and Fiscal Policies. Functions of Central Bank, Functions of Commercial Banks credit Creation, Credit Control Methods, Theory of Inflation, Concepts of Inflation, Effects of Inflation and Anti-inflationary policies.	04

04	Financial Environment of Business: Financial Management-Sources of finance-long term and short term finance Working Capital Management:- Concept of working capital management, Cash Conversion Cycle, Management of stock ,overtrading Capital Markets Primary Market: Basics of capital market mechanism and instruments. Secondary Market: Basics of stock exchange and their role, Role of SEBI, Role of FII's, MFs and Investment Bankers . Money Markets: Basics of Mon Mechanism, instruments, and institutions. An Overview of investment Appraisal Methods: NPV method, Payback method, discounted payback period method, IRR, Annual worth method.	10
05	Accounting Mechanics, Process and system: Introducing Book Keeping and Record Maintenance, The concept of Double entry and fundamental principles, Journal, Ledger, Trial Balance and Final accounts. Financial Analysis, Ratio Analysis and comparative balance sheet. Management Accounting: Understanding of Financial Statements (Overview), Interpreting Financial statements (overview).	12
06	Cost and Management Accounting Introduction to cost, Types of cost, Treatment of Overheads, Unit Costing (Cost Sheet), Joint Product Costing, Process Costing, Marginal Costing, Cost Volume Profit Analysis and Decision Making, Budgetary Controls, Standard Costing, concept and Importance of Depreciation and Methods of Depreciation.	16

2. CO Statements.

Learner will be able to

PEC803.1: Correlate various micro and macro-economic variable.

PEC803.2: Analyze various market/ business strategies and select best investment method.

PEC803.3: Illustrate concept of economics policies and their implications.

PEC803.4: Demonstrate the roles played by various financial institute /bank.

PEC803.5: Analyze various accounting and costing practices.

3. CO-PO-PSO Mapping.

CO# / PO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PEC803.1	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.2	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.3	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.4	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.5	-	2	-	-	-	2	-	-	2	-	3	2
PEC803.6	-	2	-	-	-	2	-	-	2	-	3	2

CO# / PSO#	PSO1	PSO2
PEC803.1	3	-
PEC803.2	3	-
PEC803.3	3	-
PEC803.4	3	-
PEC803.5	3	-

4. CO Assessment tools with target.

Co Statement #	Target for Assessment Tools		
	Unit Test	End Semester Exam	Course Exit Survey
PEC803.1	50%	50%	60%
PEC803.2	50%	50%	60%
PEC803.3	50%	50%	60%
PEC803.4	50%	50%	60%
PEC803.5	50%	50%	60%

5. Curriculum Gap/Content beyond syllabus (if any).

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6. Lecture/Lab/Mini Project/Assignment Plan.

TE Production 2019-2020 Lesson Plan	
Teacher In-Charge:- Prof. V.S.Bilolikar and Prof. Hitendra Vaishnav (Economics, Finance, Accounting and Costing)	
Planned	Topic
02/07/2019	Subject Introduction
04/07/2019	Introduction to cost management
09/07/2019	Types of costing
11/07/2019	Problems on cost sheet
15/07/2019	Problems on cost sheet
17/07/2019	Problem on variable costing
22/07/2019	Marginal Costing
24/07/2019	Problems on marginal costing
29/07/2019	Problem on marginal costing
31/07/2019	Variable marginal costing
05/08/2019	standard costing theory
07/08/2019	Problems on standard costing (material)
12/08/2019	Bakri Eid
14/08/2019	U.T. 1
19/08/2019	Problems on standard costing (material)
21/09/2019	Problems on standard costing (Labour)
26/08/2019	Source of finance
28/08/2019	Capital management
02/09/2019	Mid term Break
04/09/2019	Mid term Break
09/09/2019	Primary market
11/09/2019	Secondary market
16/09/2019	Role of Investments bankers
18/09/2019	Investment method
23/09/2019	Problems on different investment methods
25-09/2019	Problems on different investment methods
30/09/2019	Concept on national income
02/10/2019	Mahatma Gandhi Jayanti
07/10/2019	Economic Polices
09/10/2019	Theory of inflation
14/10/2019	Revision
16/10/2019	University paper solution

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Lecture Plan

Subject: Economics, Finance, Accounting and Costing (PT-PEL803)

Credits-01

1. Syllabus.

List of Assignments

Sr. No.	List of Assignments
01	An assignment on Micro and Macro Economics.
02	An assignment on Financial Management.
03	An assignment on Job Costing
04	Assignment on Marginal Costing.
05	Assignment on Standard Costing.
06	Assignment on Process Costing.

One assignment each on the above mentioned list of assignments and a Mini Project based on the syllabus in the subject of Economics, Finance, Accounting and Costing. Students have to present the mini project in a group of 3-4. Some areas suggested are as follows:-

- a. Study of annual report and final accounts of a company (currently active) and comment upon the financial aspects of the firm.
- b. Making of a profit & loss statement and Balance sheet of any firm using hypothetical data /actual data and presentation of same.
- c. Any other mini project based on the subject syllabus.

Assignments	: 10 Marks
Mini Project	: 10 Marks
Attendance	: 05 Marks
Total	: 25 Marks

2. CO Statements.

Learner will be able to

PEC803.1: Correlate various micro and macro-economic variables.

PEC803.2: Illustrate economic policies and their implications.

PEC803.3: Get familiarized with the role played by various financial institutions/bank.

PEC803.4: Get exposure to various business strategies.

PEC803.5: Get familiarized with accounting and costing practices.

PEC803.6: Get an exposure to wider intricacies of financial management.

3. CO-PO-PSO Mapping.

CO# / PO#	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PEC803.1	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.2	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.3	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.4	-	2	-	-	-	2	-	-	-	-	-	2
PEC803.5	-	2	-	-	-	2	-	-	2	-	3	2
PEC803.6	-	2	-	-	-	2	-	-	2	-	3	2

CO# / PSO#	PSO1	PSO2
PEL603.1	3	-
PEL603.2	3	-
PEL603.3	3	-
PEL603.4	3	-
PEL603.5	3	-
PEL603.6	3	-

4. CO Assessment tools with target.

Co Statement #	Target for Assessment Tools	
	Assignments	Course Exit Survey
PEL603.1	70%	60%
PEL603.2	70%	60%
PEL603.3	70%	60%
PEL603.4	70%	60%
PEL603.5	70%	60%
PEL603.6	70%	60%

5. Curriculum Gap/Content beyond syllabus (if any).

6. Lab Plan.

Planned	Batch	Topic
15/07/2019	C	Job Costing/ Cost sheet
16/07/2019	A	Job Costing/ Cost sheet
17/07/2019	B	Job Costing/ Cost sheet
22/07/2019	C	Financial management case study
23/07/2019	A	Financial management case study
24/07/2019	B	Financial management case study
29/07/2019	C	Balance sheet
30/07/2019	A	Balance sheet
31/07/2019	B	Balance sheet
05/08/2019	C	Marginal Costing
06/08/2019	A	Marginal Costing
07/08/2019	B	Marginal Costing
12/08/2019	C	Bakri Eid
13/08/2019	A	UT.1
14/08/2019	B	UT.1
19/08/2019	C	Mini Project
20/08/2019	A	Mini Project
21/08/2019	B	Mini Project
26/08/2019	C	Mini Project
27/08/2019	A	Mini Project
28/08/2019	B	Mini Project
02/09/2019	C	Mid Term Break
03/09/2019	A	Mid Term Break
04/09/2019	B	Mid Term Break
09/09/2019	C	Standard Costing
10/09/2019	A	Moharum
11/09/2019	B	Standard Costing
16/09/2019	C	Micro and Macro Economics
17/09/2019	A	Standard Costing
18/09/2019	B	Micro and Macro Economics
23/09/2019	C	Process Costing
24/09/2019	A	Micro and Macro Economics
25/09/2019	B	Process Costing
30/09/2019	C	practice problem

01/10/2019	A	Process Costing
02/10/2019	B	Mahtma Gandhi jayanti
07/10/2019	C	
08/10/2019	A	Dasara
09/10/2019	B	practice problem
14/10/2019	C	