

IM-401C
INDUSTRIAL AND SOCIAL PSYCHOLOGY

Course Objective: The objective of this course is to understand human behavior in social and industrial settings. A student will be able to comprehend the causes of behavior as well as the methods of improvement by going through this course.

COURSE CONTENTS :

1. Social and Industrial Psychology: Definition, Nature and Background
2. Social Perception: Non-Verbal Communication, Theories of Attribution, Impression Formation and Impression Management.
3. Social Identify: Self Concept, Self Esteem, Self Efficacy, Self Monitoring and Self Focusing.
4. Social Influence: Conformity, Compliance and Obedience.
5. Interviews, Application Blanks and Reference: The interview, Application Blanks and Biographical Inventories, References and Background Investigations.
6. Employment Testing: Testing Abilities, Testing Personality, Testing Skills and Achievements, Using and not using Tests.
7. Safety Psychology: Safety Management and Safety Psychology, Differential Accident Liability.

TEXT READING :

1. Robbert A Baron and Donn Byrne, Social Psychology : Understand Human Interaction, New Delhi, Prentice Hall of India 7th Ed., 1995
2. John B Miner, Industrial-Organizational Psychology: Singapore, McGraw-Hill,
1992

SUGGESTED READING

1. S.C. Tailor L.A. Peplau and D.O Sears, Social Psychology, New Jersey, Prentice Hall Inc., 7th Ed., 1995

IM-403

INCOME TAX

COURSE OBJECTIVE:

This subject contains all the provisions described under Income Tax Act, 1961 which helps to determine the types of income; its assessment & the levy of Income Tax through which the Govt. generates the revenue for meeting various socio-economic objectives & public welfare. After the completion of the course, students will be able to assess individual's income & calculate the Income Tax payable on the same.

COURSE CONTENT:

1. Introduction: Definition of Income, Casual Income, Agricultural Income, Person, Assessee, Previous year, Assessment year, Gross Total Income, Total Income; Exempted Income; Heads of Income, Residential Status & Tax Liability
2. Computation of Income from Salary: meaning & definition Different forms of Salary Allowances, Perquisites Valuation of allowances & perquisites. Valuation of allowances & perquisites. Provisions regarding Provident Fund. Entertainment Allowances, Professional Tax
3. Income from House Property: Introduction & Important provisions, Types of House Property. Determination of Gross Annual Value, Municipal Tax & Deductions u/s 24. Treatment of unrealized rent & Vacancy period.
4. Income from Business or Profession: Meaning, income chargeable under Income Tax (section 28) Income chargeable under Income Tax (section 28) Deductions in respect of expenses & allowances. Disallowed expenses. (Excluding special business) Depreciation How to compute profits & gains.
5. Capital Gain: Meaning, Items included & types of Capital Gain/Loss. Computation of Capital Gain/Loss. Capital Gain Exempted from Tax. (U/s 54, 54B, 54D, 54ED, 54F, 54G, 54H) Capital Gain Exempted from Tax. (U/s 54, 54B, 54D, 54ED, 54F, 54G, 54H)
6. Income from Other Sources: Meaning & types of Income. Allowable & Disallowable Deductions, exempted incomes. Computation of Income.
7. Set off & carry forward of Losses: Set Off of Losses under- same head, other head. Carry forward & set off.
8. Deductions: Deductions u/s 80C to 80U
9. **Assessment of Individuals: Assessment of Individuals Assessment of Individuals & tax liability. Procedure for Assessment Advance Payment of Tax.**

TEXT READING :

Income Tax: Law & Accounts by Dr.H.C. Mehrotra

Reference Book: Students Guide to Income Tax by Dr. V. K. Singhania

COURSE OBJECTIVES

The objectives of the course are:

Operation Research

IM-405

PRODUCTION & OPERATIONS MANAGEMENT

COURSE OBJECTIVE:

1. To provide an awareness of the role of operations management in the functioning of a business organization
2. To give an insight into the relationships that exists between various factors that affect the operations of a business organization- manufacturing or service.
3. To equip students with tools and techniques for analyzing, designing and improving the functioning of an operations system.

COURSE CONTENT:

1. Production & Operations Management- Definition, Production Functions and its environment, interrelations with other subsystems.
2. Types of production, system concept of production, world class manufacturing
3. Product design and development-product decision and business strategies, product development processes, factor influencing product design
4. Value analysis and value engineering, standardization, simplification
5. Make or buy decision, ergonomic consideration in product design, concurrent engineering
6. Process and technology selection-classification of production processes and new technologies
7. Technical analysis for process selection, manufacturing processes and equipment selection.
8. Process selection and manufacturing strategy
9. Resources planning-an over view of resource requirement planning
10. Equipment planning and labor planning
11. Facility location and distribution system design-location decision process, decision variables
12. Choice of optimal location, location models
13. Facility layout and materials handling Types of layout, layout factors.
14. Layout procedure and techniques, material handling
15. Aggregate planning-nature of aggregate planning decisions, aggregate planning strategies,
16. Aggregate planning methods,
17. Quantitative methods of aggregate planning
18. Line balancing-concept of line mass production system, objectives of assembly line balancing
19. Scheduling for high volume continuous production
20. Capacity requirement planning-determination of plant capacity, capacity measurement and decision.
21. Interrelationship between capacity and other issues, investment decision.
22. Material requirement planning-introduction, product structure bill of material.
23. MRP concept and MRP calculation
24. Modern production management tools-just in time manufacturing, computer integrated manufacturing and flexible manufacturing system,
25. TQM,ISO9000series ,benefits of ISO 9000, steps in ISO registration

26. Maintenance management-maintenance objective, types of maintenance ,basic reasons for replacement
27. Reliability, reliability improvement, reliability calculation, failure modes, effect and critical analysis [FMECA]

TEXT READING:

Applied Production and Operations Management- James R. Evans

Reference-

1. Operations Management- Norman Gaither, Greg Frazier
2. Production & Operations Management- K. Shridhara Bhat
3. Production and Operations Management-R. Paneerselvam
4. Operations Management: Strategy and Analysis, Krajewski Lee J & Ritzman Larry P, Addison Wesley.
5. Modern Production / Operations Management, Buffa ES & Sarin RK.

IM-406

BUSINESS ECONOMICS (Macro)

COURSE OBJECTIVE:

To Impart Basic Knowledge Of Macro Economics, Which Is Necessary For Management Students

COURSE CONTENT:

1 Introduction: Macro Economic analysis, Micro and Macro Economics, goals of macroeconomic policies, stock and flow variables, exogenous and endogenous variables, EX- ANTE and EX-POST concepts.

2 Measurements of Macro Economic Aggregates: National Income and its variants, Real & Nominal GDP, Measures of national products and methods used, National income and Economic welfare, National income in India, its composition, trend & structural analysis, Okun's Law

3 National Income Determination: National income determination models under open and closed economy, Aggregate demand and supply, Calculation of multiplier, simple investment multiplier, government expenditure, tax, balanced budget and foreign trade multiplier, Super multiplier, limitations of multiplier.

4 Consumption & Savings function: Keynes' psychological law of consumption, Post Keynesian income consumption hypothesis, Trends of consumption and savings in Indian economy.

5 Investment Function: Investment, its types, factors affecting investments, MEC and factors affecting MEC, Accelerator principle. Investment trends in Indian economy, measures to stimulate public and private sector investment in India.

6 Theories of Employment: Classical theory, Say's law of market, Keynesian theory, overall equilibrium in factor, goods and assets market.

7 Money and Interest Rates: Money and its role, measures of demand and supply of money, money multiplier, interest rate and IS- LM framework.

8 Inflation and Deflation: Types of inflation, Inflationary gap, causes and consequences of inflation, Philips curve, Reflation, Deflation; trends and measurements of inflation in Indian Economy.

9 Monetary and Fiscal Policies: Objectives and Instruments of Monetary and Fiscal Policies, Analysis of the policies in Indian Economy, Current Budget.

10 Basic Macro Economic concepts for Open Economy: Balance of Payments, Current and Capital account, Official reserve account, Balance in BOP, Analysis of India's BOP Position

11 Business Cycles: Concept and phases of Business cycles, Monetary and Non Monetary theories of business cycles

READING LIST:-

1. G. MANKIW- MACRO ECONOMICS
2. DORNBUSCH & FISCHER- MACRO ECONOMICS, 9th edition
3. FRED GOTHEL – PRINCIPALS OF MACRO ECONOMICS
4. EDWARD SHAPIRO – MACRO ECONOMIC ANALYSIS
5. SUNIL BHADURI – MACRO ECONOMICS
6. M.C. VAISH – MACRO ECONOMICS
7. M.L. SETH- MONETARY ECONOMICS

Course Conte
