



**FACULTY OF HOTEL MANAGEMENT, CULINARY ARTS, AVIATION
AND DE-NOVO COURSES**

**DEPARTMENT OF ECONOMICS
POST GRADUATE**

**M.A – Economics (Full Time)
Regulation 2021**

VISION STATEMENT:

To provide a quality education in economics to develop future leaders of industry, government and civil society.

MISSION STATEMENT:

1. To ensure that our students have the integrative and critical thinking skills as well as quantitative and qualitative abilities to analyze complex domestic economic, social and global problems.
2. To ascertain that our students have the necessary interpersonal, communication and leadership skills so that they can function as responsible citizens and effective leaders.
3. To create a collaborative teaching and learning environment that emphasizes social responsibility, ethical decision-making and a global perspective.

PROGRAM EDUCATIONAL OBJECTIVES:

PEO1: Be able to understand the ideas, concepts, tools, theories, and models of economics.

PEO2: Be able to demonstrate an integration of the subdivisions within economics such as Indian economic development and policy, financial economics, monetary economics, econometrics, rural banking, modern banking, portfolio and investment analysis and research methodology and the application of these subdivisions to current economic issues and problems.

PEO3: Be able to express and communicate economic ideas accurately, professionally, and succinctly by effectively applying relevant economic sources and data in various written formats.

PEO4: Be able to gather and analyze relevant data as well as critically evaluate economic policies, models and theories.

*Presented in Board of Studies meeting held on -----
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PROGRAM OUTCOME:

PO1: To able to understand basic concepts of economics and able to analyze economic behaviour in practice.

PO2: Critical Thinking Skills: Students are expected to be able to apply economic analysis to everyday problems in real world situations, to understand current events and evaluate specific policy proposals and to evaluate the role played by assumptions in arguments that reach different conclusions to a specific economic or policy problem.

PO3: Quantitative Reasoning Skills: Students are expected to understand how to use empirical evidence to evaluate the validity of an economic argument, use statistical methodology, interpret statistical results and conduct appropriate statistical analysis of data.

PO4: Students are expected to be able to solve problems that have clear solutions and to address problems that do not have clear answers and explain conditions under which these solutions may be correct.

PO5: Communication Skills: Students are expected to be able to communicate effectively in written, oral and graphical form about specific issues and to formulate well-organized written arguments that state assumptions and hypotheses supported by evidence.

PO5: Students are able to self lift in national and international education and predictable to engage in research and development.

PROGRAM SPECIFIC OUTCOMES:

PSO 1: Acquire knowledge on economic concepts, theories, models and strategies.

PSO 2: Acquaint with analytical tools in Statistics, Econometrics and Banking.

PSO 3: Provide confidence competency on the communication skills to encourage for higher study and employment.

PSO 4: Insight into social and economic issues at regional, national and in the global scenario and respond to the socio-economic challenges prevalent in the society.

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M.A Economics – CURRICULUM (SEMESTER 1-4)
Regulation 2021

I SEMESTER						
S. No	Sub. Code	Title of Subject	L	T	P	C
1	HPEM210001	Principles of Economics	4	0	0	4
2	HPEM210002	Financial Economics	4	0	0	4
3	HPEM210003	Statistical Methods for Economics	4	0	0	4
4	HPEM210004	Rural Banking	3	0	0	3
5	HPEM210005	Interpersonal Communication	2	0	1	3

II SEMESTER						
S. No	Sub. Code	Title of Subject	L	T	P	C
6	HPEM210006	Macro Economic Theory and Analysis	4	0	0	4
7	HPEM210007	International Economics	4	0	0	4
8	HPEM210008	Basic Econometrics	3	0	0	3
9	HPEM210009	Modern Banking and Insurance	3	0	0	3
10	HPEM210010	Training for Competitive Examinations and Employability Skills	2	0	1	3

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III SEMESTER						
S. No	Sub. Code	Title of Subject	L	T	P	C
11	HPEM210011	Managerial Economics	4	0	0	4
12	HPEM210012	Indian Economic Development and Policy	4	0	0	4
13	HPEM210013	Economics of Sustainable Development	3	0	0	3
14	HPEM210014	Portfolio theory and investment analysis	3	0	0	3
15	HPEM210015	Research Methodology	2	0	1	3

IV SEMESTER						
S. No	Sub. Code	Title of Subject	L	T	P	C
16	HPEM210016	Advanced Economic Theory	4	0	0	4
17	HPEM210017	Operations Research	4	0	0	4
18	HPEM210018	Project / Dissertation	0	0	0	15

CREDIT SUMMARY	
I SEMESTER	18
II SEMESTER	17
III SEMESTER	17
IV SEMESTER	23
Total Credits	75

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PRINCIPLES OF ECONOMICS

HPEM210001

L	T	P	C
4	0	0	4

Total No. of Hours (60 Hours)

COURSE OBJECTIVE

This subject is designed to expose the students on basic economic concept and theories. The emphasis will be on giving conceptual clarity on market environment, national income, money and banking system. It aims at making the students discover and applied to analyze real-life situations.

COURSE LEARNING OUTCOMES

CO 1-The students will be able to understand the basic idea of economics and theoretical concepts.

CO 2-The students will be able to comprehend the financial realities of everyday life around them, in the society as well as of the individual.

CO 3-The students will understand the basics of national income, concept of money and banking system.

COURSE CONTENT

UNIT I – Understanding the Scope of Economics- Few Fundamental Concepts – Demand- Supply - Equilibrium - Theory of Production -Theory of Cost.

UNIT II - Various Forms of Market - Concepts of Total Revenue, Average Revenue & Marginal Revenue - Pricing in Perfect Competition, Pricing in Imperfect Competition-Applications on Basic Concepts of Economics and Market.

UNIT III - National Income, Measurement of National Income, National Income & Economic Welfare - Consumption, Saving & Investment - Economic Growth & Fluctuation.

UNIT IV - Money , Gresham's Law, Quantity Theory of Money - Inflation - Investment & Rate of Interest - Money Supply - Liquidity Preference & Marginal Efficiency.

UNIT V – Bank, Banking Systems, Central Banking, Financial Institutions and Applications on National Income, Money and Banking - Developments of Banking Sector in India.

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TEXT BOOKS AND REFERENCE BOOKS

1. Fundamentals of Economics and Management, Study notes, Published by Directorate of Studies The Institute of Cost Accountants of India (ICAI), Kolkata, (2014)
2. H.L. Ahuja, Business Economics, S. Chand Publishing, (2017).
3. William Boyes, Michael Melvin, Fundamentals of Economics, South-Western, 2011.
4. GPH Panel of Experts, Fundamentals of Economics, Gullybaba Publishing House Pvt, (2018)
5. Roman D.Leano, JR Ronald M. Corpuz, Fundamentals of Economics, Mindshapers Co, Inc, Manila.

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FINANCIAL ECONOMICS

HPEM210002

L	T	P	C
4	0	0	4

Total No. of Hours (60 Hours)

COURSE OBJECTIVE

This subject exposes students to the theory and functioning of the financial sectors of the economy. It highlights the capital market, financial market, financial institutions, trading and investments. Roles and functions of merchant banking, mutual funds and venture capital to India are also covered.

COURSE LEARNING OUTCOME

CO 1 -The students will have knowledge of understanding the nature and purpose of financial economics in relationship to decision making.

CO 2-The students will have sufficient knowledge to understand concept of Merchant Banking, benefits of investment, SEBI and Mutual Funds.

CO 3-The students will be able to develop the ability to use the trading, stock broking, credit rating system for business transactions on an organization's.

COURSE CONTENT

UNIT I - Capital Market-Money Market- Primary Market- Definition- Kinds of Issues – General Conditions - Governing issues of shares in Primary Market- (a brief view) – Intermediaries involved in Primary Market.

UNIT II - Secondary Market - Definition - Securities dealt in Secondary Market - Listing of Securities –Meaning – Objectives - Classification of Listed Securities –Benefits of Listing to Companies and Investors - Stock Brokers – Types of Stock Brokers in Stock Exchanges.

UNIT III- Stock Brokers - Underwriters- Advantages- Responsibilities – Depositories- Functions- Procedure - Benefits- Remedies- Credit Rating Agencies- Benefit Instruments- Investors- Company - Basic types.

UNIT IV- OTCEI - Insider Trading - Online Trading System - Meaning – SEBI - Objectives - Administration and Activities of SEBI - SEBI and Primary Market – SEBI and Secondary Market.

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UNIT V - Merchant Banking- Recognition-Conditions – Role and functions of Mutual Funds - Classification-Benefits- Performance -Venture Capital, Types &Importance.

TEXT BOOKS AND REFERENCE BOOKS

1. B.Santhanam- Financial services (Indian Financial system) Margham Publication 2016.
2. N.K.Gupthan & Monika “Financial market-Institutions and Services” Ane Book PVT Ltd – Delhi (2002)
3. Stephen, H. Leroy-Principal of Economics, Cambridge University Press, 2014
4. Rajesh Kothari -Financial Services in India, Nahidhas Publisher, 2002.
5. Benson Kunjukunju &S. Mohanan -Financial Markets and Financial Services in India, New Century Publications-Delhi (2004)

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STATISTICAL METHODS FOR ECONOMICS

HPEM210003

L	T	P	C
4	0	0	4

Total No. of Hours (60 Hours)

COURSE OBJECTIVES

1. To provide a sound knowledge on statistical concepts.
2. To develop skills in handling complex problems in data analysis.
3. To equip the students on arithmetical calculations.

COURES LEARNING OUTCOME

CO 1 - The students will be exposed to basic statistical tools and methods and applied in a simple problem in economics.

CO 2- The students will be able to equip themselves with skills for describing, analysing and interpreting statistical data.

CO 3-The students will be able to equip themselves with understanding of the principles and assumptions on which these procedures are based.

COURSE CONTENT

UNIT I – Introduction to Statistical Methods

Nature, Significance and limitations of statistics, Types of Statistical Methods- Techniques of Collection of Data, Classification and Tabulation of data.

UNIT II - Probability

Probability - Addition and Multiplication Theorems - Conditional - Probability- Discrete and Continuous - Random Variables - Mathematical Expectations – Bayes Theorem- Theoretical Distributions - Binomial, Poisson and Normal

UNIT III – Sampling and Small Sample Tests

Decision Theory- Types of Sampling-Large sampling- Hypothesis Testing, Hypothesis testing procedure- small sampling, t-test, f-test, chi-square-test, ANOVA and Ranking Methods.

UNIT IV – Correlation and Regression

Simple, Partial and Multiple Correlation- Regression, Linear Regression, Multiple Regression, Regression lines and regression efficient.

UNIT V- Factor Analysis and Time Series

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Univariate and Multivariate Techniques – Factor Analysis-Time series.

TEXT BOOKS AND REFERENCE BOOKS

1. Dr. P.R. Vital and V.Malini, Statistical and Numerical Methods Margham Publications (2012)
2. S. G. Venkatachalapathy and Dr. H. Premraj, Statistical Methods, Margham Publications.
3. S. P. Gupta, Statistical Methods – 2012 Sultan Chand Publications.
4. Davir R. Anderson, Dennis J. Sweeney, Thomas A. Williams, Jeffrey D. Camm, James J. Cochran, Statistics for Business and Economics, Thirteenth Edition (2015,2017), Cengage Learning.
5. Robert D. Mason, Douglas A. Lind, Statistical Techniques in Business and Economics, Irwin Publications (1996)

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RURAL BANKING

HPEM210004

L	T	P	C
3	0	0	3

Total No. of Hours (45 Hours)

COURSE OBJECTIVE

To make the students acquire information on commercial bank, rural bank and cooperative banks. This makes the students to know about the credit systems, banking roles and responsibility, development and its transforms over a country.

COURSE LEARNING OUTCOME

CO 1- This subject will help the students to aware of rural banks, regional banks and cooperative banks.

CO 2 – This subject will help the students to enables basic knowledge on banking theory – Law and practice.

CO 3- This subject will help the students to understand the role of banks in rural development.

COURSE CONTENT

Unit I-Commercial Banks and Credit creation

Principles and Functions of commercial Banks – Credit creation - Nature and scope of Rural Banking – Promoters of rural credit.

Unit II-Rural Credit

Rural Credit and indebtedness – Need for credit in agriculture, Sources of rural credit, Causes for rural indebtedness and Evils of indebtedness.

Unit III- National Bank for Agricultural and Rural Development

National Bank for Agriculture and Rural Development (NABARD) – Objectives – Features – Functions - Role of NABARD in agricultural development

Unit IV- Regional Rural

Banks Regional Rural Bank (RRB) - Objectives – Structure - Functions – Contribution to social and rural development and Micro Credit. – Dantwala committee working group of RRB's – Recommendations.

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Unit V- Cooperative Banks

Cooperative banking and credit activities – Role of cooperative banking in rural credit – Functions and problems - District, Central and State cooperative bank, Apex cooperative bank structure and functions

TEXT BOOKS AND REFERENCE BOOKS

1. Datt, Ruddar and K P M Sundharam, 2005, Indian Economy, S.Chand and Co. Pvt. Ltd. New Delhi
2. Ghosal, S.N, 2000, Agricultural Financing in India
3. Desai,S.S.N., 2000, Rural Banking in India
4. Basu, S.K., 1999, Commercial Banks and Agricultural Credit
5. Surjeet Singh, 1991, Rural Credit: Issues for the Nineties
6. Bansali, 1977, Agricultural Problems in India, Ed. 3

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INTERPERSONAL COMMUNICATION

HPEM210005

L	T	P	C
2	0	1	3

Total No. of Hours (45 Hours)

COURSE OBJECTIVE

This subject helps the students to explore complex challenges associated with impacts, meanings, and uses of communication and the students are individually deal with complex ideas effectively in communications. It helps the students to Identify, recognize, and describe various approaches and summarize and present skills of communication. This subject facilitates the students to demonstrate uses of selected multimedia communication tools and apply class concepts to current events and news.

COURSE LEARNING OUTCOME

CO 1 –The students will have an insight about the concepts and theories of interpersonal communication.

CO 2 – The students will able to identify, analyze, and evaluate interpersonal communication problems.

CO 3- The students will have the awareness, knowledge, and understanding of the many facets of interpersonal communication processes.

CO 4 – The students are able to critically think with specific communication skills and strategies to enhance interpersonal communication in a variety of relationships.

COURSE CONTENT

Unit I - Communication – Definition- Nature - Role and Scope of Communication – Elements of - Communication Model - Barriers to Communication – Interpersonal Perception and Communication- Effect of Public Relations in Communication.

Unit II - Foundations of Interpersonal Communication – Interpersonal Communication and Culture – Perception and Interpersonal Communication - Organizational Communication.

Unit III - Verbal & Non verbal Communication-Importance of non-verbal communication – personal appearance – facial expression- movement-posture-gestures-eye contact-voice-beliefs and customs-worldview and attitude.

Unit IV - Communication Climate -Listening and Interpersonal Communication –Self-Reflection on Listening, Emotions and Interpersonal Communication - Interpersonal Conflict Management - Managing Conflict and Power.

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Unit V- Interpersonal Relationships - Interpersonal Relationships: Types and Theories.

TEXT BOOKS AND REFERENCE BOOKS

1. Prof. Dr. R. Senapathi, Communication Skills, Lakshmi Publications (2010)
2. Pushkala R, P.A.Sarada, El Dorado: A Textbook of Communication Skills, Orient Blackswan, 2014
3. Hollenbaugh, E.E., & Ferris, A.L. (2014). Facebook self-disclosure: Examining the role of traits, social cohesion, and motives. Computers in Human Behavior, 30, 50-58.
4. Ramaraju, S. (2012). Psychological perspectives on interpersonal communication. Researchers World: Journal of Art, Science and Commerce, 3(4), 68-73.
5. Seidman, G. (2013). Self-presentation and belonging on Facebook: How personality influences social media use and motivations. Personality and Individual Differences, 54, 402-407.

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SEMESTER II

MACRO ECONOMIC THEORY AND ANALYSIS

HPEM210006

L	T	P	C
4	0	0	4

Total No. of Hours (60 Hours)

COURSE OBJECTIVE

This course aims to enable the students to understand advanced theories and models in Macro Economics. To facilitate the students to gain knowledge on macroeconomic policies, tools, models and its relevance to wide range of real world issues and to relate the theories of Business Cycles to the working of Economies.

COURSE LEARNING OUTCOME

CO 1 – This subject will help the students to discover formal modeling of a macro-economy in terms of analytical tools.

CO 2 – This subject will help the students to discuss various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context.

CO 3 - This subject will help the students to realize the long run dynamic issues like growth and technical progress.

COURSE CONTENT

UNIT I - Classical Theory of Income and Employment Determination with saving and without Saving – Keynesian theory of Income Determination – Aggregate Demand and Aggregate Supply.

UNIT II - Consumption Function – Keynesian Psychological theory –Investment Function– MEC – MEI - Multiplier- Accelerator- Super Multiplier- Fiscal and Monetary Tools

UNIT III – General Equilibrium in the Product and Money Market, Disequilibrium Theory - Business Cycle Model- The Samuelson Model - The Hicksian Model-The Goodwin- Kaldor - Schumpeter and Cobweb Model.

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UNIT IV - Employment Meaning - Employment in Organized and Unorganized Sectors - Unemployment-Meaning Types – Causes — Work Participation Rates – Wages – Standard of Living – Unemployment and Social Unrest.

UNIT V - Open Economy Models Short-run open economy models; Mundell-Fleming model; exchange rate determination; purchasing power parity; asset market approach Dornbusch's overshooting model; monetary approach to balance of payments; international financial markets. Kalecki's Model- Cartters Model- Kaldor's Savings-Investment Model- Weintraub's Model.

TEXT BOOKS AND REFERENCE BOOKS

1. Ahuja, H.L “Macro Economics Theory and Policies Advanced Analysis, Ed. 10, Indiana Books and Journals, Chennai, 2005.
2. Shapiro, Edward, Macro Economic Analysis, Galgotia Publications Pvt Ltd, New Delhi 1988.
3. Duesenberry J.S. Income, Savings and the Theory of Consumer Behaviours Harvard, 1940.
4. Surrey, M.J.C. (Ed), Macro Economic Themes, OUP, Oxford, 1976
5. Shapiro, Edward, Macro Economic Analysis, Galgotia Publications Pvt Ltd, New Delhi 1988,
6. Vaish, M.L, “Macro Economics”, Vikas Publishing House Pvt Ltd, Mumbai 1999,

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INTERNATIONAL ECONOMICS

HPEM210007

L	T	P	C
4	0	0	4

Total No. of Hours (60 Hours)

COURSE OBJECTIVE

This subject will enable the students to understand the theories and factors determining international trade. This subject provides integrate knowledge on develop and explore foreign investment, foreign capital and various national and international goals of development.

COURSE LEARNING OUTCOME

- CO 1-** This subject will help the students to interpret the theories of international trade.
CO 2 – This subject will help the students to know about the determination of exchange rates and FDI
CO 3 – This subject will help the students to understand the role of institutions in regulating international trade.

COURSE CONTENT

UNIT I- Theories of International trade – Samuelson’s Factor – Price Equalization Theory - Factor Intensity Reversals – Single – Multiple – Stolper Samuelson Theorem -Rybczynski Theorem – Leontief Paradox, Immeserising growth.

UNIT II- Trade welfare and Terms of Trade of a Small country and Large country-Factors determining Terms of Trade-Gains from trade–Potential gain and Actual gain - Gains from Trade in the case of Large and Small country – Static gain and Dynamic gain- Preferential Trade Areas (PTAs)- Free Trade Areas(FTAs)- TRIPS- TRIMS- TPRM.

UNIT III- Exchange control measures – Objectives - Methods –Determination of Equilibrium Exchange Rate – Theories – Mint Par – Purchasing Power Parity-Balance of Payment theory – Fixed versus Flexible Exchange Rate; Financial Globalization and Financial Crisis.

UNIT IV- Foreign Direct Investment–Types–Merits and Demerits – Role and Functions of Multinational Corporations and MNB’s–Technology transfer-Impact of Foreign Capital on India’s Economic Development - Outflow of FDI.

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UNIT V- IMF- World Bank- GATT- WTO- European Bank for Reconstruction and Development- G20-ADB-BRICS-Brexit-GlobalisationanditsImpact to India's Trade – Rationale and Impact of Trade Reforms since 1991 on BOP, FDI, Employment and Growth - Trading Blocs –SAARC – NAFTA – EU – ASEAN.

TEXT BOOKS AND REFERENCE BOOKS

1. M.L. Jhingan International Economics. M.L. Vrindha Publications, 2016
2. Francis Cherunilam, "International Economics", McGraw Hill Publishers 5th Edition,2013
3. BoSodersten- International Economics, Macmillan Press Ltd London2014.
4. Charles. P Kindleberger – International Economics. Macmillan Press Ltd, London, 1999.
5. Robert Carbaugh- International Economics- Cengage Learning, 2016.

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BASIC ECONOMETRICS

HPEM210008

L	T	P	C
3	0	0	3

Total No. of Hours (45 Hours)

COURSE OBJECTIVE

This paper helps the students to get acquainted with the tools of Econometrics for applied research in Economics and to impart the knowledge of econometric techniques for better understanding of the methods in Economics.

COURSE LEARNING OUTCOME

CO 1- To enable the students to apply econometrics.

CO 2 -To help students understand and appreciate the potential of the subject for application.

CO 3- To equip them with necessary skills to use software packages meant for Econometrics.

COURSE CONTENT

Unit I - Nature and scope of econometrics – the econometric approach – economic theory - Statistics and econometrics – Nature and use of econometric models.

Unit II - Linear regression – Two variable regression – Multiple regression – Correlation coefficient – Multicollinearity – Extensions of linear regression – functional forms – dummy variables – Analysis of variance.

Unit III - Generalized least squares – heteroscedastic errors – Auto correlation – Errors in variables – Methods of instrumental variable – grouping of observations and grouping of equations.

Unit IV - Simultaneous equation methods – The problem of identification – Estimation – Two stage least squares – introduction to limited information and full information – maximum likelihood and three stage least squares.

Unit V - Time series econometrics - Stationary stochastic processes – non stationarity and unit roots – cointegration - Some illustrations of the applications of econometric methods.

TEXT BOOKS AND REFERENCE BOOKS

1. Damodhar Gujarati, 1999, Basic Econometrics, Forth edition, Vignyan Distributors.
2. Franses (Philip Hans), 2002, Concise Introduction to Econometrics, Dist. Sharma Books, Chennai.

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3. R.S.Pindyck & D.L. Rubinfeld , 1976, Econometric Models and Economic Forecasts – International Student Edition.
4. Gujarati, Damodar., Basic Econometrics, Singapore: McGraw Hill, Inc 1995.
5. Johnson, Aaron C Jr et al., Econometrics: Basic and Applied, New York: Macmillan Publishing Co 1987.

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MODERN BANKING AND INSURANCE

HPEM210009

L	T	P	C
3	0	0	3

Total No. of Hours (60 Hours)

COURSE OBJECTIVES

1. To enable the students to know about various types of banks and their new trends and technology.
2. To help them to know about various types of insurance policies and life insurance in particular.

COURSE LEARNING OUTCOME

CO 1 – This subject will help the students to understand the history of banking, recent trends in banking and Mergers and Acquisitions

CO 2 – To gain an insight on the nature of insurances and procedures for making claims against different kinds of insurance policies.

COURSE CONTENT

UNIT I - Brief History of Banking–Types of Banks-Unit Banking–Branch Banking– Commercial Banks – Development Banks IFCI, IDBI and SFC, Multi National Bank and its functioning in India.

UNIT II - Recent Trends in Banking – Adoption of Technology – e Banking – Internet Banking – Debit Card – Credit Card – ATM – EFTS – RTGS- NEFT- IMPS –UPI- Tele Banking – Social Banking – Banking Ombudsman.

UNIT III - New Trends in Banking – MUDRA Banks – Bank Mergers and Acquisitions – Financial Inclusion – New Reforms in Banking Sector.

UNIT IV - Insurance – Definition, Nature, Evolution, Principle, Kinds – Types of Insurance Risk and Uncertainty – Need for Security against Economic Difficulties – Risk Management Process – Risk and Uncertainty – Need for Security against Economic Difficulties – Risk Management Process – Risk Management and Insurance.

UNIT V - Life Insurance – Kinds of Policies – Term Insurance – Whole Life – Endowment – Annuities – Surrender – Revival – Loans and Claims – Kinds of Policies - Conditions – Settlement of Claims – Personal Accident Insurance – Mediclaim – Burglary Insurance- Motor Insurance – Wire Transfer.

TEXT BOOKS AND REFERENCE BOOKS

1. Jyotsana Sethi & Nishwan Bhatia- Elements of Banking and Insurance PHI learning Pvt ltd 2012.
2. Dr.Santhanam., Banking Theory Law and Practice, Margham Publications, 2012.
3. F.S.Mishkin and S.G.Eakins, Financial Markets and Institutions, Pearson Education, 6th edition,2009.

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4. L.M.Bhole and Mahukud, Financial Institutions and Markets, Tata McGraw Hill, 5th Edition, 2011.
5. M.Y.Khan, Indian Financial System, Tata McGraw Hill, 7th Edition, 2011.

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TRAINING FOR COMPETITIVE EXAMINATIONS AND EMPLOYABILITY SKILLS

HPEM210010

L	T	P	C
2	0	1	3

Total No. of Hours (45 Hours)

COURSE OBJECTIVES

1. To facilitate the students to prepare themselves for competitive examination and employability skill.
2. To enable the students to equip themselves in Current Affairs.
3. To train in Quantitative Aptitudes and Reasoning to face Government and Bank examinations.

COURSE LEARNING OUTCOME

CO 1 – This subject will help the student to acquire basic employability skills.

CO 2 - The student will have an insight into cognitive and retention skills

CO 3 - This subject will help the student to enhance personal skills

COURSE CONTENT

UNIT I : General Knowledge- Current Affairs (Objective Type) – History (Ancient Medieval & Modern) – Geography (International and India) – Economics (GDP – Population – Poverty – Employment) - Quantitative Aptitude – Arithmetic Ability – Basics, Problems on Number – Ages – Percentage – Ratio, Profit & Loss – Time and Distance – Interest – Trains Clocks Calendar. (Objective Type).

UNIT II : Verbal Reasoning – General Mental Ability- Logical Reasoning – Non-Verbal Reasoning - Analytical Reasoning (Objective Type).

UNIT III : Current Issues – News Papers (The Hindu, the Indian Express, Times of India) Magazines (India Today, Business Today).

UNIT IV- Employability Skills – Verbal Communication – Team Work – Awareness –Analysing and investigating – Self Motivation – Drive – Written Communication – Planning and Organising – Flexibility – Time Management-Preparing aCurriculum Vitae- Key Information.

UNIT V - Reasoning- Cognitive Skills- Retention Skills. Personality Skills- Expressive Skills- Leadership Skills- Attitude and Aims Skills.

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TEXT BOOKS AND REFERENCE BOOKS

1. Soft skills personality development for Life Success, Prashant Sharma, BPB Publications, New Delhi, Edition 2018 .
2. Skill Development in India, Dr. B. Ramaswamy, Dr. R. Sasikala Pushpa, Dr. M.B. Gururaj, Prabhat Paperbacks, New Delhi 2019.
3. 10000 + Objective MCQs with Explanatory Notes for General Studies (UPSC/Sate PCS/SSC/Banking/Railways/Defence and Other Competitive exams, Disha Publication, New Delhi, March 2019.
4. The Economics of Skills: Pathways to Employability, Sunil Sharma, CSMFL Publications (International publishers of knowledge & literature) India, Edition 2020.
5. Developing Graduate Employability Skills, Your Pathway to Employment, Mercy V. Chaita, Universal-Publishers, Boca Raton, Florida, 2016.

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SEMESTER-III

MANAGERIAL ECONOMICS

HPEM210011

L	T	P	C
4	0	0	4

Total No. of Hours (60 Hours)

COURSE OBJECTIVE

This paper helps the students to gain an insight on the important factors that promote growth in the economy. The students will be able to identify the roles and its management in the economic development of the country. The student will also have an idea about the policies and regulations of economic development.

COURSE LEARNING OUTCOME

CO 1 – This subject will enable the students to understand various economic models and inventory control.

CO 2- This subject will help the students to analyze the role played by Government in market economy.

CO 3 - This subject will help the students in selecting projects and to understand about Economic and Business forecasting.

COURSE CONTENT

UNIT I- Definition of Economic Models – Types of Models – Analysing Cases in Managerial Economics – Usefulness of Case Study Method – Limitations of Case Study Method.

UNIT II-Inventory Management- Types of Inventory - Methods of Inventory Control – EOQ – ABC – VED Analysis.

UNIT III- Role of Government in Market Economy – Legal and Social Framework – Restraining Unfair Competition – Increasing Market Power – Reallocation of Resources – Redistribution of Income – Regulation of Natural Monopoly – Stabilization of the Economy.

UNIT IV- Risk in Project Analysis – Selection of a Project – Finite Horizon Method Certainty – Equivalent Approach – Decision Tree Approach – Sensitivity Analysis – Capital Budgeting – IRR – NPV.

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UNIT V - Forecasting - Economics and Business Forecasting Methods of Economic Forecasting – Evaluating Forecasts

TEXT BOOKS AND REFERENCE BOOKS

1. Metha.P.L., “Managerial Economics – Analysis, Problems and Cases”, Sultan Chand & Sons, New Delhi, 2016.
2. W.Bruce Allen, Neil A.Doherty, Keith Weigelt & Edwin Masfield – Managerial Economic Theory, Applications and Cases, W.W.Norton Company, London, 6th Edition, 2005.
3. Michael R Baye – Managerial Economics & Business Strategy – Mc. Graw Hill, USA, 5th Edition 2006.
4. Eugene F Brigham, “Financial Management Theory and Practice”, 2nd Hinsdale III – the Dryden Press, 2014.
5. Idenbaum, M.L (1979), “Business, Government and the Public, Englewood Cliffs, N.J Prentice Hall, India.

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INDIAN ECONOMIC DEVELOPMENT AND POLICY

L	T	P	C
3	0	0	3

HPEM210012

Total No. of Hours (45 Hours)

COURSE OBJECTIVES

1. To analyze basic Indian Economic Problems
2. To find out solutions for economic and social maladies.

COURSE LEARNING OUTCOME

CO 1 – This subject will help the students to recognize the current status of the economy

CO 2 – This subject will help the students to achieve awareness on planning commission, MSME, and NITI Aayog etc.

CO 3 - This subject will help the students to attain familiarity on agricultural growth and industrial growth and foreign direct investment.

COURSE CONTENT

UNIT I - Current status of Indian Economy – Meaning and Difference between Economic Growth and Economic Development – Determinants of Economic Development – Economic and non-economic factors.

UNIT II - Planning Commission – Overview of Indian Five Year Plans - Eleventh and Twelfth Five Year Plans – Budgeting and Subsidiary – Growth and Development Scheme in India - Objectives Evaluation and Appraisal- NITI Aayog.

UNIT III- Agricultural Growth – Major Factors Affecting Growth Potential – Agricultural Crisis and Rural Distress – Crop Insurance – Organic Farming – Agriculture Price Policy – Minimum Support Price linked with Production Cost – Food Management and Food Security.

UNIT IV- Industrial Growth – Index of Industrial Production – Performance of the Eight Core Industries – FIRE Sector – MSME – Make in India – Start Up India – Implementation of GST and its impact on Industrial sector.

UNIT V- FDI – Types – Trends in FDI inflows – Sectoral Composition – FDI Policy – FDI Inflows and its Impact on Indian Economy.

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TEXT BOOKS AND REFERENCE BOOKS

1. Uma Kapila (Ed) (2002). “Indian Economy since Independence”, Academic Foundation, New Delhi.
2. I.C.Dhingra “Indian Economy”, Sultan Chand and Sons, New Delhi, 2016.
3. Dutt and Sundaram, “Indian Economy”, Sultan, Chand and Sons, 2013.
4. Chandra ShekharPrasad,“Indian Economy- A Performance Review”, New Century Publications,2010.
5. Misra and Puri; “Indian Economy”, Himalaya Publication House, New Delhi2012.

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**ECONOMICS OF SUSTAINABLE DEVELOPMENT
 HPEM210013**

L	T	P	C
3	0	0	3

Total No. of Hours (45 Hours)

COURSE OBJECTIVE

To introduce the concept and theories of sustainable development. To develop the understanding of Trade off, climate changes and damages cost. To help the students understand how government policies, decentralization and role the role of CBOs (Community Based Organizations) and NGO and human rights institutions.

COURSE LEARNING OUTCOME

- CO 1 - The students will gain the knowledge of theory and concepts of sustainable development.
- CO 2 - The student will discover the knowledge of some methods of accounting and of measuring sustainability.
- CO 3 - The student will identify the interrelationships among factors affecting the quest for sustainability.
- CO 4 - The student will able to understanding of the policy and programmatic aspect of implementation.

COURSE CONTENT

UNIT I – Concept of underdevelopment, development including sustainable development. globalization and economic growth.

UNIT II – Definition of sustainable development-concept of sustainable development and intergenerational justice- indicators of sustainability-policy for sustainable development-sustainable development a critical assessment of past and present views – poverty –development interrelationship.

UNIT III - Economic development- economic inequalities, income and growth- social development: poverty, conceptual issues and measures, impact of poverty- sustainable growth on agricultural, energy,

UNIT IV - Trade-off between environmental stress and economic growth; environmental kuznet’s curve hypothesis - theory and empirical evidence-environmental accounting- externalities- different types of goods, common property resource and tragedy - poverty and environment- climate changes in developed and developing countries – damage cost of climate change - stock and flow concepts- choice of discount rates.

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UNIT V - Government to governance: democracy and development- decentralization policies in India- local governance-shifting forms of governance in urban and rural regions, linkages between decentralization, power and poverty. Emerging of role of CBOs (Community Based Organizations) and NGO and human rights institutions.

TEXT BOOKS AND REFERENCE BOOKS

1. Pearce, David and et al, (1990) Sustainable Development: Economics and Environment in the Third World, Edward Elgar Publishers Ltd.
2. Goldin, Ian and L. Allan Winters, ed., (1995), The Economics of Sustainable Development, Cambridge University Press

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PORTFOLIO THEORY AND INVESTMENT ANALYSIS

HPEM210014

L	T	P	C
3	0	0	3

Total No. of Hours (45 Hours)

COURSE OBJECTIVES

1. To enable students to appreciate the use of finance theory in investment management
2. To provide a basis for the measurement and analysis of the risk of financial investments.

COURSE LEARNING OUTCOMES

CO 1- This subject will help the students to identify the financial markets and its instruments.

CO 2 - This subject will help the students to be familiar with the portfolio, risk and performance.

CO 3 - This subject will help the students to identify the investment analysis and risk management.

COURSE CONTENT

Unit I: Financial markets and instruments

Money and bond markets, equity markets, derivative markets, managed funds, exchange traded funds, exchange trading and OTC trading, clearing, settlement, margin trading, short sales and contingent orders, regulation of financial markets.

Unit II: Investment Strategies

Active fund management and investment strategies: historical mutual fund performance, market efficiency and behavioural finance, return based trading strategies, hedge funds.

Unit III: Diversification

Expected portfolio return and variance, risk premium, risky/risk free capital allocation, minimum-variance portfolio frontier, market portfolio, expected return relationships, Treynor-Black model and factor models.

Unit IV: Risk and Performance

Portfolio immunization: term structure of interest rates, duration, immunization of equity portfolios. Risk and performance management: types of risk, regression methods for measuring risk, value-at-risk, risk adjusted performance measures, m-squared measure, performance measurement with changing portfolios

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Unit V: Risk Management

Risk management and VaR based portfolio insurance: put option protection, putcall parity, volatility hedging, Basak-Shapiro model.

TEXT BOOKS AND REFERENCE BOOKS

1. Chance, D.M. 2004, An Introduction to Derivatives & Risk Management. Ed. 6, Thomson South- Western
2. Brealey, R.A. and S.C.Myers, 1996, Principles of Corporate Finance. Ed. 4, Tata, McGraw-Hill Publishing Company Ltd: New Delhi
3. Elton, E.J., M.J. Gruber, S.J. Brown and W.N. Goetzmann, 2003, Modern, Portfolio Theory and Investment Analysis, Ed.6, Chichester: John Wiley & Sons, New York.
4. Reily F.K. and Brown K.C., Investment Analysis and Portfolio Management, Cengage Learning
5. Bernstein P.L and Damodaran. A, Investment Management, Wiley.

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RESEARCH METHODOLOGY

HPEM210015

L	T	P	C
2	0	1	3

Total No. of Hours (45 Hours)

COURSE OBJECTIVES

1. To understand the research process and research design
2. To apply mathematical and statistical tools to arrive at conclusion

COURSE LEARNING OUTCOME

CO 1 - This understand the basic component of research and to prepare an outline of a project in Economics.

COURSE CONTENT

UNIT I - Meaning of Research, Meaning, Objectives, need and scope - Qualities of a Research Worker - Pure and Applied Research- Scientific Method of Research- Definition- Stages - Steps- Logical- Inductive- Deductive Methods- Ethics in Research.

Present position of research in Economics in India

UNIT-II: Purpose of Research- Functions of Research - Research Problem - Research Design- Research Process - Statistical Unit- Sampling Methods- Observation- Case Study- Experimental- Interview- Questionnaire- Pilot Study- Planning of Survey.

UNIT-III: Statistical Tools- Descriptive Statistics- Correlation- Partial- Multiple- Regression- Forecasting- Fitting a Trend Line- Formulation of Hypothesis- Testing of Hypothesis - Z test- t test- Anova- Chi square- Use of Excel and SPSS- Uni-variate– Bi-variate Analysis.

UNIT-IV: Sources of Data- Determination of Sample Size- Collection- Classification- Tabulation- One Way- Two Way-Presentation- Analysis - Application of Statistical Tools- Interpretation of Results.

UNIT-V: Preparation and Writing of Research Report- Styles of Writing- MLA Style- Front Matter- Title Page- Table of Contents- List of Tables and Figures- Foot Notes- Back Matter- Appendices- Glossary-Bibliography.

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Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE

(Deemed to be University)
Maduravoyal, Chennai - 600 095
(An ISO 9001-2008 Certified Institution)



TEXTBOOKS AND REFERENCE BOOKS

1. Kothari, C.R Research Methodology- Methods and Techniques, Wiley & Eastern Ltd. New Delhi(2008).
2. Ahuja Ram, “Research Methods”, Rawat Publications, Jaipur,2002.
3. Goode, W.J& Paul K. Hart, “Methods in Social Research”, MC Graw Hill, London, 1981.
4. Bhattarya S.K., 1990, Methodology in Research
5. MukheyiP.N (Ed) “Methodology in Social Research” Sage Publication, New Delhi, 2000.
6. Dr.Kirti Gupta, “Research Methodology” NiraliPrakashan 2013
7. Ferber and Verdorn, Research Methods in Economics and Business

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SEMESTER-IV

ADVANCED ECONOMIC THEORY HPEM210016

L	T	P	C
4	0	0	4

Total No. of Hours (60 Hours)

COURSE OBJECTIVES

1. To make the students understand the application of economic theory and models in actual practice
2. To have an open ended syllabus to expand the area of teaching to cover recent theories in various branches of economics.

COURSE LEARNING OUTCOME

- CO 1 – This subject will be acquainted with the economic theories, growth and models.
CO 2 - This subject will help the student to decide about the cost benefit analysis
CO 3- This subject will help the student to make a distinction trade strategies and theories.

COURSE CONTENT

UNIT I - Application of Deductive and Inductive methodologies in Economic models- Strategies for Economic Growth with stability and equality – Fiscal and Monetary policy mix – An Assessment of poverty reduction programmes in India.

UNIT II - Human capital theories – Returns to investment on education and health – Human Resource Accounting methods and Responsibility -Cost – Benefit Analysis – project selection techniques for public and private sectors.

UNIT III - Models of Economic Growth – Balanced and Unbalanced growth strategies – Theory of Big Push – Harrod-Domar Models - Recent Developments on Macro Economic Theories-Real business cycle theory- Rational expectations model - Random walk model GDP-New Keynesian Macro Economics- Imperfect Information Theory.

Unit VI - Views on money – Recent Developments - Patinkin and the real balance effect - Keynesians versus monetarists - Monetary Policy – goals, techniques and constraints - Transmission mechanism of monetary policy and problems.

UNIT V- Recent developments in international economics - Inter Vs Intra Industry Trade, Aggregation problem - Demand Side Theories - Strategic trade theories- Foreign Exchange Rate-Policy-International Capital Movements.

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TEXTBOOKS AND REFERENCE BOOKS

1. Barro, Robert J and Xavier Sala-i-Martin, Economic Growth, McGraw-Hills, 1995.
2. Baumol, William J., Economic Theory and Operations Analysis, New Delhi, Prentice Hall of India, 1978.
3. Branson, William H, Macro Economic Theory and Policy, New York: Harper and Row Publishers, 1972.
4. Nigel Grimwade, International Trade – New Patterns of Trade, Production and Investment, Routledge, London and New York, 1989
5. Patinkin, Don, Money, 1965, Interest and Prices: An Integration of Monetary and Value Theory, Harper and Row Publishers, New York

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OPERATIONS RESEARCH

HPEM210017

L	T	P	C
4	0	0	4

T
Total No. of Hours (60 Hours)

COURSE OBJECTIVES:

1. To enable students to understand the rational decision making in practice.
2. To help in acquiring entrepreneurial skills.

COURSE LEARNING OUTCOMES

- CO 1 - This subject make the students to develop skills in decision making on research.
 CO 2 - To equip the students with the techniques applicable to real life situations.

COURSE CONTENT

UNIT I - Definition – Characteristics – Scope – Operations Research and Decision Making – Techniques, Relevance and Limitations of Operational Research – Meaning of a Model – Steps in building a model.

UNIT II - Introduction – Matrix formulation of a Transportation Problem – North West Corner Method - Least Cost Entry Method – Vogel’s Approximation Method- Initial Basic Feasible Solution - Assignment – Introduction – Balanced and Unbalanced Assignment Problem – Solution using Hungarian Assignment Method.

UNIT III - Decision Theory – steps in Decision Theory – Concepts of Expected Monetary Value – Expected Value of Perfect Information and Expected Opportunity Loss - Introduction to Risk and Uncertainty – Decision under Uncertainty using Laplace - Maximin – Minimax – Maximax – Hurwicz and Savage methods.

UNIT IV -Network Analysis –Meaning – Objectives and Applications – Fundamental Concepts – Event – Activity – Path – Dummy Activity – Fulkerson’s Rule – Network Construction – Time Estimates in Network Analysis – Earliest Finish – Latest Finish – Critical Path Method– Programming Evaluation Review Technique (PERT).

UNIT V - Traffic Intensity- Idle rate- Queuing Theory – Single Channel- Number of Customers in Line and System - Time Spent by the Customers in Line and System- Probability of Customers’ Waiting.

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TEXTBOOKS AND REFERENCE BOOKS

1. K.K.Chawla, Vijay Gupta and Bhushan K. Sharma ., Introduction to Operations Research, Kalyani Publishers 2011
2. Hamdy.Taha, Operations Research: An Introduction, 10th Edition, Pearson, 2017.
3. Kapoor V.K., Operations Research, Sultan Chand and Sons, New Delhi 2011.
4. P.K. Gupta & Manmohan, Problems in Operations Research (Methods and Solutions), Sultan Chand and Sons, New Delhi 1992.
5. Panneerselvam R., Operations Research, Prentice-Hall India 2018.
6. Srivastava U.K, Shenoy G.V., & Sharma S.C., Quantitative Techniques for Managerial Decisions, Wiley Eastern Limited 2016.
7. Vohra N.D., Quantitative Techniques in Management, McGraw Hill 2011.

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PROJECT/DISSERTATION

HPEM210018

L	T	P	C
0	0	0	15

- **RESEARCH TO BE CONDUCTED ON A TOPIC RELATED TO THE FIELD OF ECONOMICS OR ANY ACTIVITIES ASSOCIATED WITH ECONOMICS.**
- **PROJECT REPORT TO BE SUBMITTED WITH PRESENTATION FOLLOWED BY VIVA VOCE.**
- **DISSERTATION & PUBLIC VIVA-VOCE EXAMINATION**

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