

**M.COM (BUSINESS ECONOMICS) - WITH SPECIALIZATION IN INDUSTRIAL ECONOMICS AND
INTERNATIONAL BUSINESS**

Semester- III		Semester- IV	
BEC 2305	Industrial Economics	BEC 2405	Economics of Integration and Global Economy
BEC 2306	Economics of Infastructure	BEC 2406	Open Economy Macro Economics
BEC 2307	Economics of Human Resources	BEC 2407	International Financial Institutions and Markets
BEC 2308	Research Methodology	BEC 2408	Project Work

MASTER OF COMMERCE (FINAL WITH SPECIALIZATION IN INDUSTRIAL AND INTERNATIONAL BUSINESS)

SEMESTER- III & SEMESTER- IV

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics		Academic Year			2020-21				
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business											
Year	II	INDUSTRIAL ECONOMICS BEC2305		Credits / Hours per week			04				
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012		Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials									
Course Outcomes (COs): CO1: Understand the concepts regarding the fundamental principles of Industrial Economics. CO2: Acquaint the students of economic concept as applied to industrial location and to familiarize them with regional issues of development CO3: Get thorough knowledge about the market structure of the economy and its power. CO4: Understand the dynamics of diversification and profitability. CO5: Performance appraisal of Public and Private sector.											
Unit No.	Topic/Unit			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/	Relevance to Local (L)/ National (N)/ Regional(R)/G	Relation to Gender (G), Environment and Sustainability

							Skill Development (SD)	Global (G) development needs	(ES), Human Values (HV) and Professional Ethics (PE)
1	FRAMEWORK OF INDUSTRIALISATION Concept /Meaning of industrialization. Definitions, Industrialization in Economic Development (Significance), Shortcomings of industrialization, Factors hampering industrial development.	11	25%	1	CO1	PSO7	EMP ENT	L N R G	ES HV
2	INDUSTRIAL LOCATION AND REGIONAL DEVELOPMENT Location Analysis: Industrial Location, factors affecting industrial location, Industrial location theories- Alfred Weber's theory, Sargant Florence's Theory, Industrial Location trends in India. Regional Development: Development of Backward Regions - Government Policy and approach for the development of backward regions.	12	25%	1	CO2	PSO7			
3	INDUSTRIAL LOCATION AND REGIONAL DEVELOPMENT Market Structure: Market Power, Conduct and Performance, Optimum size of Industrial Unit, Diversification, Vertical Integration and Merger. Industrial Productivity, efficiency and Profitability, Determinants and Measurements Approaches. and its applications; delta function potential,	11	25%	2, 3, 4	CO3 CO4	PSO7			

	the harmonic oscillator, multiple potential wells, splitting of energy levels, energy bands								
4	INDUSTRIALIZATION AND ROLE OF STATE Public and Private sectors undertakings: appraisal of Performance, Industrial finance, labour legislation and Industrial growth, Competition Policy, Development of corporate Sector.	11	25%	1, 2, 3	CO5	PSO7 PSO8			

Reference Books

1.	S.C. Kuchhal: Industrial Economy of India
2.	M. M. Mehta: Structure of Indian Industries
3.	S. S. M. Desai & Nirmal Bhalerao: Industrial Economy of India
4.	R. R. Berthwal: Industrial Economics
5.	Rudradutta & Sundaram: Indian Economy
6.	Mishra & Puri: Indian Economy
7.	Sadhu and Singh: Industrial Economics

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics			Academic Year			2020-21			
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business											
Year	II	ECONOMICS OF INFRASTRUCTURE BEC2306		Credits / Hours per week			04				
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012		Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials									
Course Outcomes (COs): CO1: Analyze the Features and Pricing of infrastructure. CO2: Understand the role of transportation in economic development. CO3: Understand the role of energy in economic development. CO4: Understand the role of telecommunication in economic development and infrastructure finance.											
Unit No.	Topic/Unit			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional(R)/Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV)and Professional

									Ethics (PE)
1	MEANING, FEATURE, PRICING Infrastructure – Definitions, significance, Economic Characteristics of Public Utility. Pricing Methods – Marginal Cost Pricing, Peak-Load Pricing and Differential Pricing.	11	25%	1	CO1	PSO9	EMP SD	L N R G	ES HV
2	TRANSPORTATION AND ECONOMIC DEVELOPMENT Transportation and Economic Development – Different Modes of Transportation, Features and Problems, Transport Co-ordination, The Structure of Transport Costs and Location of Economic Activities.	12	25%	1	CO2	PSO9			
3	ENERGY Energy and Economic Development – Sources of Energy, Production and Consumption of Pattern of Energy, Energy Conservation, Energy Crisis, Renewable and Non-Conventional Sources of Energy.	11	25%	2, 3, 4	CO3	PSO9			
4	TELECOMMUNICATION AND INFRASTRUCTURE FINANCE Communication Sector – Telecommunication – Issues and Policies in Financing Infrastructure, Mode of Financing, Models – PPP, BOT, Role of Infrastructure Financing Sector in India.	11	25%	1, 2, 3	CO4	PSO9			
Reference Books									
1.	P. J. Garfield and W. P. Lovejoy: Public Utility Economics								
2.	R. K. Choudhry: Economics of Public Sector and Public Utility								
3.	R. E. Westmeyer: Economics of Transportation								
4.	Economic Survey of India (Various Issues): Government of India								
5.	L. N. Das: Economics of Infrastructure Growth and Development								
6.	Dhandapani Alagiri and E. Naveen Kumar: Infrastructure Development								
7.	S. Ganesan: Infrastructure Development and Financing								

	The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics		Academic Year		2020-21					
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business										
Year	II	ECONOMICS OF HUMAN RESOURCES BEC2307	Credits / Hours per week			04				
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012	Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials								
Course Outcomes (COs): CO1: Understand the nexus between economic growth and human resource development, measures of human resource development and external benefits of education. CO2: The significance of on-the-job training along with human capital theory. CO3: Study the importance of health as an investment, a micro-economic study of demand of health and government interventions. CO4: Awareness of the current issues related to technology, knowledge and human resource development. CO5: To study the concept of brain migration, measures to prevent it and government interventions in social sector.										
Unit No.	Topic/Unit		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/Entrepreneurship (Ent)/	Relevance to Local (L)/ National (N)/ Regional (R)/ Global (G) developmental needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and

							Skill Development (SD)		Professional Ethics (PE)
1	Human Resource Development: An Introduction Economic growth and Human Resource Development— The Returns from Education and Training to the Individual, the Firm and the Economy-various approaches to human capital- measuring human development- External Benefits of Education- Education and Inequality	12	25%	1	CO1	PSO10	EMP SD	L N R G	G HV
2	Human capital and labour market The household and human capital decision making On-the-job Training –various perspectives on the critique of Human Capital theory-Segmented Labour Market theory and discrimination.	11	25%	1	CO2	PSO10			
3	Economics of Health Introduction to health as investment in Human Capital – production of health services - a micro economic approach-demand for health capital- Government Intervention in Health Care Markets.	11	25%	2, 3, 4	CO3	PSO10			
4	Current Issues Technology, knowledge and growth Economic and Demographic factors and Human Resource Development Brain migration-meaning –types-magnitude & direction-causes and consequences-measures to prevent brain loss. Government intervention in social sector	11	25%	1, 2, 3	CO4 CO5	PSO10			
Reference Books									
1.	Blaug Mark, (1974), Economics of Education vol. I & II, Penguin Publishers								
2.	Sapsford, D., (1981), Labour market Economics, George Allen &Unwin, Boston.								

3.	McPako Barbara, et.al., (2002), Health Economics: An International Perspective, Routledge, London.
4.	Santerre Rexford et.al., (2000), Health Economics: Theories, insight and industry studies, Karcourt Brace & Co
5.	UNDP (1990), Human Development Report, UNDP.

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics			Academic Year				2020-21		
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business											
Year	II	RESEARCH METHODOLOGY BEC2308		Credits / Hours per week				04			
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012		Maximum Marks / Grade				100			
Mode of Transaction		Lectures and Tutorials									
Course Outcomes (COs): CO1: Understand the types of social research, research problems and research designs. CO2: Study data collection measurement and scaling. CO2: Understand data analysis and interpretation. CO3: Learn to prepare reports.											
Unit No.	Topic/Unit			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development	Relevance to Local (L)/ National (N)/ Regional(R)/ Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and Professional

							nt (SD)		Ethics (PE)
1	RESEARCH PROCESS a. Scientific Social Research: Types and Process b. Formulation of Research Problems and Development of Research Hypothesis c. Research Designs	11	25%	1	CO1	PSO11	SD EMP	L N R G	HV
2	DATA COLLECTION, MEASUREMENT AND SCALING a. Types and Sources of Data b. Methods of Primary Data Collection c. Secondary Data: Sources and Limitations d. Measurement Scales: Sources of Error in Measurement, Test of Sound Measurement i. Scaling: Meaning, Classification and Techniques	12	25%	1	CO2	PSO11			
3	DATA ANALYSIS AND INTERPRETATION a. Basic Data Analysis, Classification, Tabulation and Graphical presentation of Data b. Testing of Hypothesis c. Analysis of Variance d. Computer Application for Data Analysis	11	25%	2, 3, 4	CO3	PSO11			
4	PREPARATION OF RESEARCH REPORT a. Literature Review and Literature Search Process b. Preparation of Bibliography and citations c. Report Writing: Importance, Types, Structure and Presentation g. Precautions for writing Research Report	11	25%	1, 2, 3	CO4	PSO11			

Reference Books

1.	Dr. Deekap Chawla and Dr. NeenaSondhi - Research Methodology: Concepts and Cases (Vikas Publishing House)
2.	C. R. Kothari – Research Methodology: Methods and Techniques (New Age International Publication)
3.	T. S. Wilkinson and P. L. Bhandarkar – Methodology and Techniques of Social research (Himalaya Publishing House)
4.	Sherri L. Jackson – Research Methods and Statistics: A Critical Thinking Approach (Cengage Learning)
5.	Rigley Paul – Conceptual Foundations of Business Research (Jhon Wiley and Sons)

M.COM FINAL SEM-IV

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics		Academic Year			2020-21			
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business										
Year	II	ECONOMICS OF INTEGRATION AND GLOBAL ECONOMY BEC2405		Credits / Hours per week			04			
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012		Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Tutorials								
Course Outcomes (COs): CO1: Introduce the concept of economic integration CO2: Study different regional trade blocs and issues related to economic integration. CO3: Get a thorough understanding on global economy and its competitiveness. CO4: Study various international institutions. CO5: Study the issues related to globalization, anti-globalization. CO6: Learn the recent global trade.										
Unit No.	Topic/Unit		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/Entrepreneurship	Relevance to Local (L)/ National (N)/ Regional(R)/Global (G)	Relation to Gender (G), Environment and Sustainability (ES), Human

							p (Ent)/ Skill Devel opme nt (SD)	develo pmenta l needs	Values (HV)and Professi onal Ethics (PE)
1	INTRODUCTION TO ECONOMIC INTEGRATION a. Economic Integration: Concept and Meaning, Dimensions of Integration, Theories of Customs Union b. Merits and Demerits of Economic Integration, Impact, challenges of Economic Integration.	11	25%	1	CO1	PSO12	EMP ENT	L N R G	ES HV
2	REGIONAL TRADE BLOCS a. Regional Trading Blocs in Developed and Developing Countries: Objectives, Role, Performance and Impact - EU, NAFTA, OECD, APEC, ASEAN, SAARC, OPEC, BRICS. b. Issues in North-South Integration and South-South Integration, Developing Countries in the New International Economic Order	12	25%	1	CO2	PSO12			
3	GLOBAL ECONOMIY a. Global Economy: Meaning and Dimensions of Globalization, Entry Strategies, Pros and Cons. b. Features of Current Globalization, Global competitiveness, Role of MNCs in World Economic Development c. Multilateral Approach to Globalization – WTO, Role of International Monetary Institutions	11	25%	2, 3, 4	CO3 CO4	PSO12			
4	SELECTED ISSUES IN GLOBALIZATION a. FDI and FPI – Indian Experience, Impact of Globalization on Indian Economy, Global Economic Developments: Prospects and Issues for India.	11	25%	1, 2, 3	CO5 CO6	PSO12			

	b. Experiences and Evidences of Recent Global Trade and to Emerging Economies. c. Some Reflections on the Anti-Globalization.								
Reference Books									
1.	Francis Cherunilam: Business Environment								
2.	Puri and Mishra: Economic Environment of Business								
3.	Puri and Mishra: Indian Economy								
4.	Kumar, Sen and Asher (Ed.): India-ASEAN Economic Relations- Meeting the Challenges of Globalization								
5.	Uma Kapila (Ed.): Indian Economy since Independence								
6.	Y. V. Reddy: Economic Policies and India's Reform Agenda								
7.	M. L. Jhingan: International Economics								
8.	D. M. Mithani: International Economics								
9.	Sinha, Jain and Kumavat: External Flows and Economic Development								
10.	KenchandKeswani : International relations in Modern World, Himalaya Publication								
11.	Basu, K.(ed) (2006): India's Emerging Economy : Performance and Prospects in the 1990s and Beyond, 3rd Edition, Oxford University Press, New Delhi								
12.	Johnson Harry: World Economy at the Crossroads, Oxford University Press								
13.	BimalJalan (2005): The Future of India- Politics, Economics and Governance								

	The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics		Academic Year				2020-21			
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business										
Year	II	OPEN ECONOMY MACROECONOMICS BEC2406	Credits / Hours per week				04			
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012	Maximum Marks / Grade				100			
Mode of Transaction		Lectures and Tutorials								
Course Outcomes (COs): CO1: Introduce the concept of open economy, national income determination and balance of payments in an open economy. CO2: Study exchange rate policies and its implication. CO3: Study the policy models for open economy. CO4: Study the analysis and implication pf balance of payment, inflation and other macroeconomic variables. CO5: Study the history and controversies of International monetary system.										
Unit No.	Topic/Unit		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Devel	Relevance to Local (L)/ National (N)/ Regional(R)/Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV)and Professional

							opme nt		Ethics (PE)
1	INTRODUCTION TO OPEN ECONOMY a. Introduction to Open Economy Macroeconomics b. National Income Determination in an open economy model c. Balance of Payments and Macroeconomy	11	25%	1	CO1	PSO13	EMP ENT	L N R G	ES HV
2	EXCHANGE RATE, INTEREST RATE AMD OUTPUT DETERMINATION a. Fixed, Floating and Managed Exchange Rate Policies b. Interest rate parity conditions and their implications c. General Equilibrium model of Hicks-Hansen analysis for open economy	12	25%	1	CO2	PSO13			
3	POLICY MODELS FOR OPEN ECONOMY a. Aggregate Demand and Supply model for Open Economy b. Introduction to Mundell-Fleming model c. Mundell-Fleming model with both fixed and flexible exchange rates	11	25%	2, 3, 4	CO3	PSO13			
4	POLICY ANALYSIS AND IMPLICATIONS a. Balance of Payment adjustment process b. Anatomy of inflation in an open economy and International macroeconomic policy coordination c. International Monetary system: History and Controversies	11	25%	1, 2, 3	CO4 CO5	PSO13			
Reference Books									
1.	F. Rivera-Batiz and L. Rivera-Batiz, International Finance and Open Economy Macroeconomics, Maxwell								
2.	H. V. den Berg, International Finance and Open-Economy Macroeconomics, World Scientific								
3.	K. Pilbeam, International Finance, Macmillan International								
4.	D. Salvatore, International Economics: Trade and Finance, Wiley								
5.	F. Rivera-Batiz and L. Rivera-Batiz, International Finance and Open Economy Macroeconomics, Maxwell								
6.	H. V. den Berg, International Finance and Open-Economy Macroeconomics, World Scientific								
7.	K. Pilbeam, International Finance, Macmillan International								

	The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics		Academic Year					2020-21		
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business										
Year	II	INTERNATIONAL FINANCIAL INSTITUTIONS AND MARKETS BEC2407	Credits / Hours per week					04		
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012	Maximum Marks / Grade					100		
Mode of Transaction		Lectures and Tutorials								
Course Outcomes (COs): CO1: Get detailed knowledge on foreign exchange market. CO2: Study the history, present and future of International monetary system along with tis arrangements. CO3: Understand the international debt and currency market. CO4: Know the issues in international banking and finance.										
Unit No.	Topic/Unit		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development	Relevance to Local (L)/ National (N)/ Regional(R)/Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV)and Professional

							nt (SD)		Ethics (PE)
1	FOREIGN EXCHANGE MARKET a. Introduction to the Foreign Exchange Market and Exchange rate determination b. Purchasing Power Parity theory and International Arbitrage c. Micro-structure of the Foreign exchange market	11	25%	1	CO1	PSO14	EMP ENT	L N R G	G HV
2	INTERNATIONAL MONETARY SYSTEM AND ARRANGEMENTS a. International Monetary System: Historical Perspective including Bretton Woods System b. International Monetary System: Present and Future c. Funding, Borrowing arrangements and Developmental assistance by the World Bank	12	25%	1	CO2	PSO14			
3	INTERNATIONAL DEBT AND CURRENCY a. Foreign Exchange Rate Risk, Hedging and Speculation b. International Debt and Financial Crises c. Optimum Currency Area and Eurocurrency Market	11	25%	2, 3, 4	CO3	PSO14			
4	INTERNATIONAL BANKING AND LIQUIDITY a. FDI and Portfolio Capital Movements b. Issues on International Money Market c. Issues in International Banking	11	25%	1, 2, 3	CO4	PSO14			

Reference Books

1.	F. Rivera-Batiz and L. Rivera-Batiz, International Finance and Open Economy Macroeconomics, Maxwell
2.	H. V. den Berg, International Finance and Open-Economy Macroeconomics, World Scientific
3.	K. Pilbeam, International Finance, Macmillan International
4.	D. Salvatore, International Economics: Trade and Finance, Wiley
5.	A. Slager, The Internationalization of Banks: Patterns, Strategies and Performance, Palgrave

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics			Academic Year			2020-21		
M.Com. (Business Economics): Specialization - Group A – Industrial Economics and International Business										
Year	II	Project Work BEC2408		Credits / Hours per week			04			
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012		Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Tutorials								
Course Outcomes (COs): CO1: Obtain more information on a specific topic in Industrial economics and international Business. CO2: Get hands on experience on writing a research paper. CO3: Learn detailed concepts and write an academic paper on Industrial economics and International business.										
Unit No.	Topic/Unit		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional(R)/Global (G) developmental needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV)and Professional Ethics (PE)
1	Project Work			100	1	CO1	PSO15	EMP	L	G

					CO2 CO3		SD		ES
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M.COM (BUSINESS ECONOMICS) - WITH SPECIALIZATION IN FINANCIAL ECONOMICS

SEM- III (FINAL)		SEM-IV (FINAL)	
BEC 2309	FUNDAMENTALS OF FINANCIAL ECONOMICS	BEC 2409	ECONOMICS OF FUTURES AND OPTIONS
BEC 2310	INVESTMENT ANALYSIS	BEC 2410	RISK ANALYSIS
BEC 2311	FINANCIAL MARKETS AND INSTITUTIONS	BEC 2411	ECONOMETRICS FOR FINANCIAL ANALYSIS
BEC 2312	RESEARCH METHODOLOGY	BEC 2408	PROJECT WORK

MASTER OF COMMERCE (FINAL WITH SPECIALIZATION IN FINANCIAL ECONOMICS)

SEMESTER- III & SEMESTER- IV

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics			Academic Year			2020-21			
M.Com (Business Economics) - With Specialization in Financial Economics											
Year	II	FUNDAMENTALS OF FINANCIAL ECONOMICS BEC2309			Credits / Hours per week			04			
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012			Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Tutorials									
Course Outcomes (COs): CO1: Study a brief introduction and background of financial economics. CO2: Learn allocation of resources over time CO3: Study the valuation model CO4: Study ways of financing businesses											
Unit No.	Topic/Unit			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development	Relevance to Local (L)/ National (N)/ Regional(R)/ Global (G)	Relation to Gender (G), Environment and Sustainability (ES), Human Values

							pment (SD)	develo pmenta l needs	(HV)and Professi onal Ethics (PE)
1	INTRODUCTION AND BACKGROUND a. Introduction to financial economics b. Brief background on financial market and institutions c. Managing financial health and performance d. Working capital management and liquidity and cash budgeting	11	25%	1	CO1	PSO 7	EMP SD	L N R G	G HV
2	TIME AND RESOURCE ALLOCATION a. Allocation of resource over time b. Portfolio Opportunities and Choice c. Capital Asset Pricing Model d. Arbitrage Pricing Model	11	25%	1	CO2	PSO 7			
3	VALUATION MODEL a. Principle of market evaluation b. Valuation of cash flows of bonds c. Valuation of common stocks d. Efficient market hypothesis	12	25%	2, 3, 4	CO3	PSO 7			
4	CORPORATE FINANCE a. Internal vs. external financing b. Equity and debt financing c. Irrelevance of capital structure in a frictionless environment and creating value through financial decision d. Conflict of interest and financial decision in practice	11	25%	1, 2, 3	CO4	PSO 7			

Reference Books

1.	ZviBodie, Robert C. Merton, David L. Cleeton. Financial Economics (second edition)
2.	Stephen F. LeRoy & Jan Werner, foreword by Stephen A. Ross. Principles of Financial Economics
3.	Merton, R.C., and S.C. Mason. The Role of Contingent Claims Analysis in Corporate Finance.
4.	Robert Haugen. Modern Investment Analysis

	The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics			Academic Year				2020-21			
M.Com (Business Economics) - With Specialization in Financial Economics											
Year	II	INVESTMENT ANALYSIS BEC2310			Credits / Hours per week				04		
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012			Maximum Marks / Grade				100		
Mode of Transaction		Lectures and Tutorials									
Course Outcomes (COs): CO1: Study the basic concepts of Investment and financial markets CO2: Learn strategies of modern investment analysis CO3: Study bond valuation CO4: Introduction to derivatives and financial innovation											
Unit No.	Topic/Unit			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional(R)/ Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and Professional

									Ethics (PE)
1	THE INVESTMENT ENVIRONMENT a. The Development of Modern Investment Analysis b. Investment Alternatives and Attributes, Investment profile c. Financial Market d. Risk and Return relationship and Time value Money	11	25%	1	CO1	PSO 8	EMP ENT	L N R G	HV
2	STRATEGIES OF MODERN INVESTMENT ANALYSIS a. Fundamental Analysis b. Technical Analysis c. Share Valuation d. Portfolio Analysis	12	25%	1	CO2	PSO 8			
3	BOND ANALYSIS a. Meaning and Types of Bonds b. Bond Attributes c. Bond Valuation d. Rating of Bonds and Yield Work	11	25%	2, 3, 4	CO3	PSO 8			
4	DERIVATIVES AND FINANCIAL INNOVATION a. Introduction to Derivatives b. Analysis of Futures, Options and Swaps c. Financial Innovations	11	25%	1, 2, 3	CO4	PSO 7 PSO 8			
Reference Books									
1.	Bansal Manlsh and Navneet Bansal: Derivatives and Financial Innovations								
2.	Gorden J.A. Sharpe W.F. and Bailey J.V.: Fundamentals of Investment								
3.	Kevin S: Portfolio management								
4.	BaruaS.K.Varma J R and Rughunathan V: Portfolio Management								
5.	Chandra Prasanna: Investment Analysis and Portfolio Management								
6.	Fischer D.E. and Jordan R.3.: Security Analysis and portfolio Management								
7.	Vohra N.D. and Bagri B.R.: Futures and Opinions								

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics			Academic Year			2020-21				
M.Com (Business Economics) - With Specialization in Financial Economics												
Year	II	FINANCIAL MARKETS AND INSTITUTIONS BEC2311			Credits / Hours per week			04				
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012			Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials										
Course Outcomes (COs): CO1: Understand the concepts regarding the fundamental principles of Industrial Economics. CO2: Study different money market in detail. CO3: Study capital market and its functions. CO4: An overview of Indian financial system, its reforms. CO5: Role of RBI and SEBI.												
Unit No.	Topic/Unit				Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional (R)/ Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and Professional

	The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics		Academic Year		2020-21				
M.Com (Business Economics) - With Specialization in Financial Economics									
Year	II	RESEARCH METHODOLOGY BEC2312	Credits / Hours per week		04				
Semester	I	Year of Introduction: 2011 Year of Syllabus Revision: 2012	Maximum Marks / Grade		100				
Mode of Transaction		Lectures and Tutorials							
Course Outcomes (COs): CO1: Understand the types of social research, research problems and research designs. CO2: Study data collection measurement and scaling. CO2: Understand data analysis and interpretation. CO3: Learn to prepare reports.									
Unit No.	Topic/Unit	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional(R)/ Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV)and Professional Ethics (PE)
1	RESEARCH PROCESS h. Scientific Social Research: Types and Process i. Formulation of Research Problems and Development of Research Hypothesis	11	25%	1	CO1	PSO 10	EMP SD	L N R G	HV PE

	j. Research Designs								
2	DATA COLLECTION, MEASUREMENT AND SCALING j. Types and Sources of Data k. Methods of Primary Data Collection l. Secondary Data: Sources and Limitations m. Measurement Scales: Sources of Error in Measurement, Test of Sound Measurement n. Scaling: Meaning, Classification and Techniques	12	25%	1	CO2	PSO 10			
3	DATA ANALYSIS AND INTERPRETATION i. Basic Data Analysis, Classification, Tabulation and Graphical presentation of Data j. Testing of Hypothesis k. Analysis of Variance l. Computer Application for Data Analysis	11	25%	2, 3, 4	CO3	PSO 10			
4	PREPARATION OF RESEARCH REPORT h. Literature Review and Literature Search Process i. Preparation of Bibliography and citations j. Report Writing: Importance, Types, Structure and Presentation k. Precautions for writing Research Report	11	25%	1, 2, 3	CO4	PSO 10			
Reference Books									
1.	Dr. Deekap Chawla and Dr. NeenaSondhi - Research Methodology: Concepts and Cases (Vikas Publishing House)								
2.	C. R. Kothari – Research Methodology: Methods and Techniques (New Age International Publication)								
3.	T. S. Wilkinson and P. L. Bhandarkar – Methodology and Techniques of Social research (Himalaya Publishing House)								
4.	Sherri L. Jackson – Research Methods and Statistics: A Critical Thinking Approach (Cengage Learning)								
5.	Rigley Paul – Conceptual Foundations of Business Research (Jhon Wiley and Sons)								

		The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics			Academic Year			2020-21			
M.Com (Business Economics) - With Specialization in Financial Economics											
Year	II	ECONOMICS OF FUTURES AND OPTIONS BEC2409			Credits / Hours per week			04			
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012			Maximum Marks / Grade			100			
Mode of Transaction		Lectures and Tutorials									
Course Outcomes (COs): CO1: Understand the mechanics of futures market. CO2: Study the determination of future prices. CO3: Understand the futures in stock returns. CO4: Study the concept of option contracts.											
Unit No.	Topic/Unit			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development	Relevance to Local (L)/ National (N)/ Regional (R)/ Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and Professional

							nt (SD)		Ethics (PE)
1	MECHANICS OF FUTURE MARKETS Exchange and over the counter Markets, Closing out Position, The Specifications of the Contract, Convergence of Prices, the operation of Margins and other related concepts	12	25%	1	CO1	PSO 11	EMP ENT	L N R G	G HV PE
2	THE DETERMINATION OF FUTURES PRICES Introduction, Determination of the Future Prices in different cases, Hedging Strategies	11	25%	1	CO2	PSO 11			
3	FUTURES IN STOCK INDIES: Stock Index futures, Valuation, Hedging, Futures on Stock.	11	25%	2, 3, 4	CO3	PSO 11			
4	OPTIONS CONTRACTS: Characteristics and Types of option, Buyer / Seller attitudes, Option pricings, Valuation of option and trading strategies	11	25%	1, 2, 3	CO4	PSO 11			
Reference Books									
1.	Futures and Options : Vohra N D and Bagrl B R								
2.	Options, Futures and other Derivatives: John Hull.								
3.	Introduction to Futures and Option Markets: John Hull								
4.	Futures and Options: Sunil Paramesswaran								

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M.Com (Business Economics) - With Specialization in Financial Economics											
Year	II	RISK ANALYSIS BEC2410		Credits / Hours per week			04				
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012		Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials									
Course Outcomes (COs): CO1: Introduce the concept of risk analysis. CO2: Study the measurement of risk. CO3: Study market risk, insurance and hedging. CO4: Study the sources of market risk reduction techniques.											
Unit No.	Topic/Unit			Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development	Relevance to Local (L)/ National (N)/ Regional (R)/ Global (G) development needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and Professional Ethics (PE)

							nt (SD)		
1	INTRODUCTION TO RISK ANALYSIS a. Introduction to Risk Analysis b. Risk and Economic decisions c. Risk Management Process d. Three Dimensions of Risk Transfer	11	25%	1	CO1	PSO 12	ENT SD	L N R G	G HV PE
2	MEASUREMENT OF RISK a. Measurement of Risk and Risk distribution b. Linear Analysis of Risk c. Systematic and Non-systematic Risk d. Forecasting of Risk	12	25%	1	CO2	PSO 12			
3	MARKET RISK AND INSURANCE AND HEDGING a. Measurement of Market Risk and Value At Risk b. Stress testing c. Risk and Insurance d. Risk and Hedging.	11	25%	2, 3, 4	CO3	PSO 12			
4	SOURCES OF MARKET RISKS AND RISK REDUCTION a. Credit and Liquidity Risks. b. Currency Risk, Equity Risk and Commodity Risk c. Qualitative approaches to Risk assessment d. Strategies for Risk Reductions.	11	25%	1, 2, 3	CO4	PSO 12			

Reference Books

1.	Portfolio Risk Analysis by Gregory Connor, Lise Goldberg and Robert , Princeton University Press
2.	Risk Management and Insurance by Mark S. Dorfman, PHI Learning Private Limited.
3.	Financial Economics by ZviBodie, Robert C. Merton and David L. Cleeton
4.	Risk Analysis: A Quantitative Guide by David Vose, John Wiley and Sons, Ltd.
5.	Modern Investment Theory By Robert A. Haugen, Co. Prentice- Hall of India.
6.	Market Risk Analysis- Practical Financial Econometrics by Carol Alexander, Co. John Wiley and Sons, Ltd.
7.	Financial Risk management by Peter moles, Edinburgh University.

	The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics		Academic Year		2020-21					
M.Com (Business Economics) - With Specialization in Financial Economics										
Year	II	ECONOMETRICS FOR FINANCIAL ANALYSIS BEC2411	Credits / Hours per week			04				
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012	Maximum Marks / Grade			100				
Mode of Transaction		Lectures and Tutorials								
Course Outcomes (COs): CO1: Introduction to financial econometrics. CO2: Study the issues related to financial econometrics. CO3: Introduction to financial time series. CO4: Study issues related to financial time series.										
Unit No.	Topic/Unit		Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional(R)/ Global (G) developmental needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and Professional Ethics (PE)
1	INTRODUCTION TO THE FINANCIAL ECONOMETRICS		11	25%	1	CO1	PSO 13			

	Definitions and Subject Matter, Types of Data and Returns in Financial Modeling, Linear Models, Assumptions, BLUE properties, Estimation of Beta factor and Stock Applications, General factor Models						ENT SD	L N R G	HV PE
2	INFERENCE AND OTHER ISSUES IN FINANCIAL ECONOMETRICS Hypothesis Testing, Comparing two Regressions and F-test, Structural break in the financial Data and Test for Structural break, Forecasting of Financial variables by single Equation Models, Simultaneous Equation models in Financial Econometrics	12	25%	1	CO2	PSO 13			
3	FINANCIAL TIME SERIES ANALYSIS Random Walk, Stationarity and Non-Stationarity, Unit Root Processes, Test for Stationarity and Unit Root, Modeling Long Term Relationship.	11	25%	2, 3, 4	CO3	PSO 13			
4	SOME ISSUES IN TIME SERIES MODELING AR, MA, ARMA, and ARIMA Models, Estimation, Diagnostic checking and Model Identification, Forecasting, Modeling of Volatility and related issues.	11	25%	1, 2, 3	CO4	PSO 13			

Reference Books

1.	Kerry Patterson., An Introduction to Applied Econometrics.
2.	Chris Brooks., Introductory Econometrics for Finance.
3.	Christian Gourioux and Joann Jasiak., Financial Econometrics.
4.	Walter Enders., Applied Econometric Time Series.
5.	Pindyck.R.S.,andRubinfeld.D.L., Econometric Models and Economic Forecasting
6.	Damodar Gujarati., Basic Econometrics
7.	Kerry Patterson., An Introduction to Applied Econometrics.

	The Maharaja Sayajirao University of Baroda Faculty of Commerce Department of Business Economics	Academic Year					2020-21		
M.Com (Business Economics) - With Specialization in Financial Economics									
Year	II	Project Work BEC2408	Credits / Hours per week					04	
Semester	II	Year of Introduction: 2011 Year of Syllabus Revision: 2012	Maximum Marks / Grade					100	
Mode of Transaction		Guidance							
Course Outcomes (COs): CO1: Obtain more information on a specific topic in financial economics. CO2: Get hands on experience on writing a research paper. CO3: Enable the students to learn detailed concepts and write an academic paper on financial economics.									
Unit No.	Topic/Unit	Contact Hours	Weightage (%)	BT Level	CO	PSO	Elements of Employability (Emp)/ Entrepreneurship (Ent)/ Skill Development (SD)	Relevance to Local (L)/ National (N)/ Regional(R)/Global (G) developmental needs	Relation to Gender (G), Environment and Sustainability (ES), Human Values (HV) and Professional Ethics (PE)
1	Project Work		100%	1	CO1 CO2 CO3	PSO 14	EMP SD	L, N, R G	HV PE