University of Mumbai

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विद्याविषयक प्राधिकरणे
सभा आणि सेवा विभाग(ए.ए.एम.एस)
रूम नं. १२८ एम.जी.रोड, फोर्ट,
मुंबई – ४०० ०३२
टेलिफोन नं. - ०२२ - ६८३२००३३

(नॅक पुनर्मूल्यांकनाद्वारे ३.६५ (सी.जी.पी.ए.) सह अ++ श्रेणी
विद्यापीठ अनुदान आयोगाद्वारे श्रेणी १ विद्यापीठ दर्जा)

क्र.वि.प्रा.स.से./आयसीडी/२०२५-२६/३७ दिनांक : २७ मे, २०२५

परिपत्रक:-

सर्व प्राचार्य/संचालक, संलग्नित महाविद्यालये/संस्था, विद्यापीठ शैक्षणिक विभागांचे संचालक/ विभाग प्रमुख यांना कळविण्यात येते की, राष्ट्रीय शैक्षणिक धोरण २०२० च्या अमंलबजावणीच्या अनुषंगाने **शैक्षणिक वर्ष २०२५-२६** पासून **पदवी व पदव्युत्तर अभ्यासक्रम** विद्यापरिषदेच्या दिनांक २८ मार्च २०२५ व २० मे, २०२५ च्या बैठकीमध्ये मंजूर झालेले सर्व अभ्यासक्रम मुंबई विद्यापीठाच्या www.mu.ac.in या संकेत स्थळावर NEP २०२० या टॅब वर उपलब्ध करण्यात आलेले आहेत.

मुंबई - ४०० ०३२
२७ मे, २०२५

(डॉ. प्रसाद कारंडे)
कुलसचिव

क्र.वि.प्रा.स.से.वि/आयसीडी/२०२५-२६/३७ दिनांक : २७ मे, २०२५
Desktop/ Pritam Loke/Marathi Circular/NEP Tab Circular

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5	The Deputy Registrar, CAP Unit, Vidyanagari cap.exam@mu.ac.in
6	The Deputy Registrar, College Affiliations & Development Department (CAD), deputyregistrar.uni@gmail.com
7	The Deputy Registrar, PRO, Fort, (Publication Section), Pro@mu.ac.in
8	The Deputy Registrar, Executive Authorities Section (EA) eau120@fort.mu.ac.in He is requested to treat this as action taken report on the concerned resolution adopted by the Academic Council referred to the above circular.
9	The Deputy Registrar, Research Administration & Promotion Cell (RAPC), rapc@mu.ac.in
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4	P.A to all Deans of all Faculties
5	P.A to Finance & Account Officers, (F & A.O), camu@accounts.mu.ac.in

To,

1	The Chairman, Board of Deans pvc@fort.mu.ac.in
2	**Faculty of Humanities,** **Offg. Dean** 1. Prof.Anil Singh Dranilsingh129@gmail.com **Offg. Associate Dean** 2. Prof.Manisha Karne mkarne@economics.mu.ac.in 3. Dr.Suchitra Naik Naiksuchitra27@gmail.com
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4	The Director, Board of Examinations and Evaluation, dboee@exam.mu.ac.in
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6	The Director, Department of Information & Communication Technology, director.dict@mu.ac.in

AC – 28/03/2025
Item No. – 7.2 (N)

As Per NEP 2020

University of Mumbai

Syllabus for Major Vertical – 1 & 4		
Name of the Programme – B.Com. (Business Economics)		
Faulty of Commerce		
Board of Studies in Business Economics		
U.G. Second Year Programme	Exit Degree	U.G. Diploma in Business Economics
Semester		III & IV
From the Academic Year		2025-26

University of Mumbai

(As per NEP 2020)

Sr. No.	Heading	Particulars
1	**Title of program** **O:____________________**	**B. Com. (Business Economics)**
2	**Exit Degree**	**U.G. Diploma in Business Economics**
3	**Scheme of Examination** **R: ____________**	NEP 40% Internal 60% External, Semester End Examination Individual Passing in Internal and External Examination
4	**Standards of Passing** **R: ______________**	**40%**
5	**Credit Structure** **R. CU-550C** **R. CU-550D**	**Attached herewith**
6	**Semesters**	**Sem. III & IV**
7	**Program Academic Level**	**5.00**
8	**Pattern**	**Semester**
9	**Status**	**New**
10	**To be implemented from Academic Year**	**2025-26**

Sd/-

Sign of the BOS Coordinator
Dr. Atul Salunkhe
Board of Studies in Business Economics

Sd/-

Sign of the Offg. Associate Dean
Prin. Kishori Bhagat
Faculty of Commerce

Sd/-

Sign of the Offg. Associate Dean
Prof. Kavita Laghate
Faculty of Commerce & Management

Sd/-

Sign of the Offg. Dean
Prin. Ravindra Bambardekar
Faculty of Commerce & Management

Under Graduate Diploma in Business Economics

Credit Structure (Sem. III & IV)

Level	Semester	Major		Minor	OE	VSC, SEC (VSEC)	AEC, VEC, IKS	OJT, FP, CEP, CC,RP	Cum. Cr. / Sem.	Degree/ Cum. Cr.
	R. CU-550C									
		Mandatory	**Electives**							
5.0	III	Micro Economics of Factor Pricing 2		4	2	1) Fundamentals of Resource Management Or 2) Fundamentals of Equity Market VSC:2,	AEC:2	FP: 2 CC:2	22	**UG Diploma 88**
	R. CU-550D									
	IV	Macroeconomics: Analysis of Interaction Between Goods and Money Markets 2		4	2	1) Spreadsheet Applications for Business Economics Or 2) Understanding Union Budget SEC:2	AEC:2	CEP: 2 CC:2	22	
	Cum Cr.	28		10	12	6+6	8+4+2	8+4	88	

Exit option; Award of UG Diploma in Major and Minor with 80-88 credits and an additional 4 credits core NSQF course/ Internship OR Continuewith Major and Minor

[Abbreviation - OE – Open Electives, VSC – Vocation Skill Course, SEC – Skill Enhancement Course, (VSEC), AEC – Ability Enhancement Course, VEC – Value Education Course, IKS – Indian Knowledge System, OJT – on Job Training, FP – Field Project, CEP – Continuing Education Program, CC – Co-Curricular, RP – Research Project]

Sem. - III

Vertical – 1
Major

Syllabus
B. Com. (Business Economics)
(Sem.- III)

Title of Paper: Micro Economics of Factor Pricing

Sr. No.	Heading	Particulars
1	**Description the course:** **Including but Not limited to :**	This course provides an in-depth understanding of the factor price determination. It includes remuneration for the land, the labour, the capital and the entrepreneurial abilities in the form of rent, wages, interest and profit. It aware students regarding the classical and modern theories of determination of remuneration to various factors of production.
2	**Vertical :**	Major
3	**Type :**	Theory
4	**Credit**:	2 credits (1 credit = 15 Hours for Theory or 30 Hours of Practical work in a semester)
5	**Hours Allotted :**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: (List some of the course objectives) 1. To make the students understand the fundamentals of remuneration of factors of production. 2. To make learners Identify different types of theories of factor remuneration. 3. To develop analytical skills of the learners with reference to the factor pricing in modern context.	
8	**Course Outcomes**: By the end of the course, students will be able to: 1. Understand the fundamentals of rent, wages, interest and profit. 2. Learn different approaches of factor price determination. 3. Analyze and apply factor pricing in modern context.	

9	**Syllabus**
	Module I: Rent and Wages **(15 hours)**
	• Introduction- Demand and supply of land – Meaning of rent – Determination of Rent for Industrial and office spaces. • Characteristics of labour -- demand for labour – Supply of labour –Equilibrium in labour market – Wage determination. • Wage and productivity – Efficiency Wage Theory --Causes of wage differences – Nominal and real wages – Role of Technology and Skills in wage determination.
	Module 2: Interest and Profit **(15 hours)**
	• Definition of interest – Gross interest and net interest - Natural interest and market rate of interest. • Liquidity preference theory - Modern theory of interest. • Meaning of profit – Gross profit and net profit - Normal profit and Supernormal profit - - Innovation theory - Risk Bearing Theory of profit.
10	**References:** • Principles of Microeconomics N Gregary Mankiw, Cengage Learning, 6th Edition, Harvard University. • Microeconomic Theory KPM Sundaram and M P Vaish, S. Chand Publications, New Delhi, 21st Edition. • Micro Economics-K C Dash- Himalaya Publishing House • Ahuja, H.L, Micro Economics, S. Chand • Mehta P.K, Singh M.– Micro Economics– Taxmann Publication • Micro Economics-T.R. Jain , B.D. Majhi, V.K. Global • Browining, E.K. and J.M. Browning; Microeconomic Theory and Applications, Kalyani Publishers, New Delhi. • Dwivedi, D.N. Micro Economics, Vikash Publication • Maddala G.S. and E. Miller; Microeconomics: Theory and Applications, 11. McGraw-Hill International
11	**Internal Continuous Assessment: 40%**

Continuous evaluation pattern

1	Class Test Two (5 marks each)	10 Marks
2	Assignment/ Project Presentation/ Case Study writing	10 Marks
3	Book review/Newspaper review (in any language)/ Case Studies	10 Marks
	Take any two of the above (from 1, 2 and 3)	**20 Marks**

12	**External, Semester End Examination 60% Individual Passing in Internal and External Examination**

Format of Question Paper

Semester End Examination Question Paper Pattern

Time: 1 Hour Max. Marks:30

Note:

- All questions are compulsory
- Each question has internal options
- Figure to the right indicate full marks.

Q.1.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		
Q.2.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		

Vertical - 4

VSC- I

Syllabus
B. Com. (Business Economics)
(Sem.- III)

Title of Paper: Fundamentals of Resource Management

Sr. No.	Heading	Particulars
1	**Description the course :** **Including but Not limited to :**	The Fundamentals of Resource Management course in B. Com. (Business Economics) provides students with essential knowledge of managing financial, human, material, and natural resources in business and economic contexts. It is highly relevant for optimizing resource allocation, strategic planning, and sustainability. With applications in HR, finance, and operations, this course connects with management, economics, and policy studies. Given the rising demand for resource management in industries, graduates can explore careers in business consulting, financial planning, supply chain management, and government policymaking.
2	**Vertical :**	VSC
3	**Type :**	Theory
4	**Credit**:	2 credits (1 credit = 15 Hours
5	**Hours Allotted :**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. To provide students with a comprehensive understanding of resource management in business and economic contexts. 2. To equip students with the skills required for effective planning, allocation, and utilization of resources in organizations. 3. To develop problem-solving abilities for managing financial, human, and material resources efficiently. 4. To create awareness about sustainability and ethical considerations in resource management.	
8	**Course Outcomes**: By the end of the course, students will be able to: 1. Understand the fundamental concepts and importance of resource management in businesses and economic development. 2. Develop skills for effective allocation and utilization of financial, human, and material resources. 3. Gain knowledge of sustainable resource management practices and their role in long-term economic growth. 4. Analyze government policies and strategies related to resource management and their impact on entrepreneurship and business success.	

9	**Syllabus**
	Module 1: Foundations of Resource Management (15 Hours)
	Introduction to Resource Management: Definition, Importance, and Scope; Types of Resources - Human, Financial, Material, and Natural, Principles of Effective Resource Management. **Human Resource Management**: Workforce Planning, Recruitment, Training & Development, Performance Evaluation, and Motivation. **Financial Resource Management**: Budgeting, Cost Control, Investment Decisions, Financial Planning & Management in Business.
	Module 2: Strategies and Government Initiatives in Resource Management (15 Hours)
	Strategic Planning for Resource Management: Decision-making in Resource Allocation, Optimization Techniques, Inventory and Supply Chain Management. **Emerging Trends in Resource Management**: Issues in Sustainability, Ethical Considerations, Digital Resource Management (AI, Quantum Computing, Big Data, IoT). **Recent Development in the Resource Management**: Role of Government in Resource Allocation; Schemes for MSMEs, Start-ups, and Economic Development; Public-Private Partnerships (PPP).
10	**References:**

- Aswathappa, K., & Dash, S. (2023). *Human Resource Management: Text and Cases* (10th ed.). McGraw Hill Education (India).
- Central Soil Salinity Research Institute. (n.d.). *Fifty Years of Natural Resource Management Research*. CSSRI.
- Peshin, R., & Dhawan, A. K. (Eds.). (2019). *Natural Resource Management: Ecological Perspectives*. Springer.
- Pradhan, R. K., & Podder, C. K. (Eds.). (2013). *Human Resources Management in India: Emerging Issues and Challenges*. New Century Publications.
- SAGE India. (n.d.). *Human Resource Management: Functions, Applications, and Skill Development* (2nd ed.).
- Susan L. Verhulst, David A. DeCenzo, Rama Shankar Yadav, Human Resource Management, 13ed (An Indian Adaptation), Wiley
- Thakur, B., Thakur, R. R., Chattopadhyay, S., & Abhay, R. K. (Eds.). (2022). *Resource Management, Sustainable Development, and Governance: Indian and International Perspectives*. Springer.
- Tushar K. Ghosh and Mark A. Prelas, Energy Resources and Systems: Volume 2: Renewable Resources.
- Jan-Erik Gustafsson, Resources management in India and China — an overview, Journal of Rural Studies, Volume 2, Issue 2, 1986, Pages 139-151, ISSN 0743-0167, (https://www.sciencedirect.com/science/article/pii/0743016786900525)
- Mahima Upadhyay, Local Government and Decentralized Natural Resource Management, The Institute for Social and Economic Change, Bangalore, June 2020, ISBN 978-81-946531-3-4.
- Jana, S., Majumder, R., & Ghose, D. Critical medical resource allocation during COVID-19 pandemic. In *5th World Congress on Disaster Management: Volume III* (pp. 275-283) (2023, February). Routledge.

11	**Internal Continuous Assessment: 40%**

	Continuous evaluation pattern	
1	Class Test Two (5 marks each)	10 Marks
2	Assignment/ Project Presentation/ Case Study writing	10 Marks
3	Book review/Newspaper review (in any language)/ Case Studies	10 Marks
	Take any two of the above (from 1, 2 and 3)	**20 Marks**

12

External, Semester End Examination 60% Individual Passing in Internal and External Examination

Format of Question Paper

Semester End Examination Question Paper Pattern

Time: 1 Hour Max. Marks:30

Note:

- All questions are compulsory
- Each question has internal options
- Figure to the right indicate full marks.

Q.1.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		
Q.2.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		

VSC- II

Syllabus
B. Com. (Business Economics)
(Sem.- III)

Title of Paper: Fundamentals of Equity Market

Sr. No.	Heading	Particulars
1	**Description the course :** **Including but Not limited to :**	This course aims to introduce students to the foundational concepts and practical aspects of equity markets. It will cover the structure and functioning of equity markets, various types of securities traded, the role of stock exchanges, and the key regulatory frameworks that govern the market. Special focus will be given to the ethical considerations involved in equity trading and the role of regulators in maintaining market integrity. Real-life case studies of IPOs and market crashes will provide valuable insights into the behavior of equity markets during various economic conditions
2	**Vertical :**	VSC
3	**Type :**	Theory
4	**Credit**:	2 credits (1 credit = 15 Hours
5	**Hours Allotted :**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. Understand the core concepts of equity markets, including primary and secondary markets, and the significance of capital formation and wealth distribution. 2. Study the role of stock exchanges (e.g., NSE, BSE, NYSE) and the regulatory framework governing these markets. 3. Learn about common and preference shares, rights issues, IPOs, FPOs, and the significance of market indices like Sensex, Nifty, Dow Jones, and S&P 500. 4. Study the role of SEBI and other global regulatory bodies such as the SEC and ESMA. 5. Utilize tools like Bloomberg and Reuters for equity market analysis..	
8	**Course Outcomes**: By the end of the course, students will be able to: 1. various market participants. 2. Describe the role of stock exchanges (NSE, BSE, NYSE) and understand their function in the market. 3. Recognize the significance of market indices like Sensex and Nifty and explain their role in market sentiment. 4. Differentiate between common shares, preference shares, IPOs, FPOs, and	

	rights issues, and understand their market implications. 5. Understand the role of SEBI, RBI, and global regulatory bodies in maintaining fair and transparent equity markets. 6. Use financial tools like Bloomberg and Reuters to analyze market trends and interpret equity market data effectively.
9	**Syllabus**
	Module 1: Introduction to Equity Markets (15 Hours)
	Definition and Importance of Equity Markets-Role of equity markets Primary vs. Secondary Markets-Capital formation and wealth distribution. Role of Economics in informed decision-making in the Equity Market. Risks associated with Equity Market-Calculation of risk from Equities. Control of Risk. **Common Economic Indicators and Equity Market** – Inflation –Deflation-Inflation Range- Influence of various sectors on GDP Growth and Impact on the Equity market, Commodity Market and crude oil price and Its Impact on Equity Market, Crude oil Business Cycles and its impact on equity markets. **Types of Securities Traded in the Equity Market**- Common shares vs. preference shares- Rights issues, IPOs, FPOs. Market Indices and their Significance Sensex, Nifty, Dow Jones, S&P 500.
	Module 2: Regulatory Framework and Ethical Issues (15 Hours)
	Regulatory Bodies and their Role: Overview and key functions of SEBI (Securities and Exchange Board of India)- Role of the Reserve Bank of India (RBI) in Equity Markets- Corporate Governance in Equity Markets Global Regulatory Bodies (e.g., Securities and Exchange Commission (SEC) – USA, European Securities and Markets Authority (ESMA) – EU. **Market Manipulation and Fraud Prevention:** Insider trading- Market abuse and front-running- Ethical investing and corporate governance. **Case Studies on Successful IPOs and Market Crashes:** Analysis of significant IPOs (e.g., Reliance IPO, Zomato IPO. Study of market crashes (e.g., 2008 global financial crisis) Equity Market Analysis, Real-time analysis using tools (Bloomberg, Reuters, etc.).
10	**References:** • Benjamin Graham -The Intelligent Investor" Year: 1949 (Original), 2006 (Revised Edition) Publisher: Harper Business • Burton Malkiel "A Random Walk Down Wall Street" Year: 1973 (Original), 2019 (11th Edition) Publisher: W. W. Norton & Company • John Murphy " Technical Analysis of the Financial Markets" Year: 1999 (Original), 2017 (New Edition) Publisher: Prentice Hall • Michael C. Thomsett "The Little Book of Technical Analysi' Year: 2008 Publisher: Wiley • Benjamin Graham and David Dodd "Security Analysis" Year: 1934 (Original), 2008 (7th Edition) Publisher: McGraw-Hill Education • Michael Lewis "The Big Short: Inside the Doomsday Machine" Year: 2010 Publisher: W. W. Norton & Company (Case Studies)

	• Loren Fox "The Enron Scandal" Year: 2003 Publisher: Greenwood Publishing Group • Frank K. Reilly and Keith C. Brown "Investment Analysis and Portfolio Management" Year: 2011 (10th Edition) Publisher: Cengage Learning • Journal of Financial Economics • Indian Journal of Finance • SEBI official website (www.sebi.gov.in). • NSE and BSE websites for real-time market updates.
11	**Internal Continuous Assessment: 40%**

Continuous evaluation pattern

1	Class Test Two (5 marks each)	10 Marks
2	Assignment/ Project Presentation/ Case Study writing	10 Marks
3	Book review/Newspaper review (in any language)/ Case Studies	10 Marks
	Take any two of the above (from 1, 2 and 3)	**20 Marks**

12 **12**

External, Semester End Examination 60% (30 Marks)
Individual Passing in Internal and External Examination

Format of Question Paper

Semester End Examination Question Paper Pattern

Time: 1 Hour Max. Marks:30

Note:

- All questions are compulsory
- Each question has internal options
- Figure to the right indicate full marks.

Q.1.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		
Q.2.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		

Sem. - IV

Vertical – 1
Major

Syllabus
B. Com. (Business Economics)
(Sem.- IV)
Title of Paper: Macroeconomics: Analysis of Interaction Between Goods and Money Markets

Sr. No.	Heading	Particulars
1	**Description the course:** **Including but Not limited to :**	This course examines the role of IS-LM analysis in Post-Keynesian economics, highlighting its relevance in understanding macroeconomic equilibrium. It explores the interactions between goods and money markets, the impact of fiscal and monetary policies, investment dynamics, and market adjustments, providing insights into policy effectiveness and economic stability.
2	**Vertical :**	Major
3	**Type :**	Theory
4	**Credit**:	2 credits (1 credit = 15 Hours for Theory or 30 Hours of Practical work in a semester)
5	**Hours Allotted :**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. Develop a comprehensive understanding of IS-LM analysis within the Post-Keynesian framework and its role in macroeconomic equilibrium. 2. Examine the effects of fiscal and monetary policies on goods and money markets, assessing their implications for economic stability.	
8	**Course Outcomes**: By the end of the course, students will be able to: 1. Apply IS-LM analysis to explain macroeconomic equilibrium and policy effectiveness. 2. Evaluate the impact of fiscal and monetary interventions on goods and money market interactions.	

9	**Syllabus**
	Module I: The Goods Market **(15 hours)**
	• Good market: Meaning and components, Government spending and its impact on economic activity, Graphical derivation of the IS curve. • Equilibrium conditions in goods market, Interaction between private savings, public savings, and investment interact, Factors influencing investment decisions: Interest rates, business confidence, and future expectations. • Demand-side shocks due to change in consumption, investment, or government spending, Supply-side shocks due to technological advancements and resource limitations, Role of government in economic stabilisation and recovery.
	Module 2: The Money Market **(15 hours)**
	• Money market: Meaning and components, The transactional, precautionary, and speculative motives behind demand for money, Derivation of the LM curve graphically. • The conditions for simultaneous equilibrium between goods and money markets, Interest rates and level of output determinations using the IS-LM model, Simultaneous equilibrium and macroeconomic stability. • The liquidity trap and monetary policy, The Crowding-out effect: Impact of increased government spending and reduction in private investment, The Crowding-in effect: Impact of government spending and increase in investment.
10	**References:** • **Blanchard, Olivier.** *Macroeconomics*. 7th ed., Pearson, 2017. • **Borjas, George J.** *Labour Economics*. 7th ed., McGraw-Hill Education, 2016. • **D'Souza, Errol.** *Macroeconomics*. Pearson Education, 2008 • **Krugman, Paul, and Robin Wells.** *Macroeconomics*. 6th ed., Worth Publishers, 2021. • **Mankiw, N. Gregory.** *Principles of Economics*. 9th ed., Cengage Learning, 2020. • **Mishkin, Frederic S.** *The Economics of Money, Banking, and Financial Markets*. 12th ed., Pearson, 2019. • **Mukherjee, Sampat,** Vipul Bhatt, and Lalima Mukherjee. *Macroeconomics: A Global Text.* Global Net Publication, January 2021.
11	**Internal Continuous Assessment: 40% (20 Marks)**

Continuous evaluation pattern

1	Class Test Two (5 marks each)	10 Marks
2	Assignment/ Project Presentation/ Case Study writing	10 Marks
3	Book review/Newspaper review (in any language)/ Case Studies	10 Marks
	Take any two of the above (from 1, 2 and 3)	**20 Marks**

12	External, Semester End Examination 60% (30 Marks) Individual Passing in Internal and External Examination

Format of Question Paper

Semester End Examination Question Paper Pattern

Time: 1 Hour Max. Marks:30

Note:

- All questions are compulsory
- Each question has internal options
- Figure to the right indicate full marks.

Q.1.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		
Q.2.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		

Vertical - 4

SEC- I

Syllabus
B. Com. (Business Economics)
(Sem.- IV)

Title of Paper: Spreadsheet Applications for Business Economics

Sr. No.	Heading	Particulars
1	**Description the course :** **Including but Not limited to :**	The course introduces students to the practical use of spreadsheets for economic data management, analysis, and forecasting. It covers structured and unstructured data handling, accessing economic databases (RBI, MOSPI, World Bank), and applying statistical functions like mean, median, standard deviation, and variance. Students will learn trend analysis, correlation, and regression techniques for economic forecasting. The course emphasizes hands-on applications, including report writing, data visualization, and business decision-making using spreadsheets. By integrating real-world case studies, this course enhances students' analytical skills, preparing them for data-driven roles in business and economics.
2	**Vertical :**	SEC
3	**Type :**	Theory
4	**Credit**:	2 credits (1 credit = 15 Hours
5	**Hours Allotted:**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. Understand economic data sources and techniques for handling structured & unstructured data. 2. Develop proficiency in using spreadsheets for economic analysis and statistical computations. 3. Apply trend analysis & forecasting techniques to interpret economic trends 4. Enhance skills in report writing and presentation of economic data 5. Gain hands-on experience through real-world case studies and practical applications.	
8	**Course Outcomes**: By the end of the course, students will be able to: 1. Identify & access reliable economic data sources for analysis. 2. Utilize spreadsheet functions for statistical computations. 3. Analyse economic trends using regression, correlation, and moving averages. 4. Create structured economic reports with data visualizations. 5. Apply forecasting techniques for business and policy decision-making. 6. Present economic findings effectively using PowerPoint and spreadsheet-based charts.	

9	**Syllabus**
	Module 1: Economic Data Management & Basic Spreadsheet Applications (15 Hours)
	Economic Data Sources & Data Management - Understanding structured and unstructured data. - Accessing RBI, MOSPI, and World Bank databases. - Techniques for data entry, sorting, filtering, removing duplicates and handling missing values. **Spreadsheet Functions for Economic Analysis** - Using SUM, AVERAGE, COUNT, IF, and PERCENTAGE functions for computations. - Applying formulas for Mean, Median, Mode, Standard Deviation, Variance for economic data **Practical application:** - Calculating inflation trends, GDP growth rates, and income distribution using spreadsheet
	Module 2: Advanced Data Analysis & Report Writing (15 Hours)
	Trend Analysis and Forecasting Techniques - Introduction to correlation and regression analysis in economics - Using trendlines and moving averages for economic forecasting **Report Writing & Presenting Economic Data** - Preparing structured economic reports using spreadsheets. - Integrating tables, charts, pivot tables, and using PowerPoint for presentations. **Practical application:** - Forecasting sales, inflation and economic growth rates using spreadsheet tools.
10	**References:** • Carlberg, C. (2017). *Business analysis with Microsoft Excel*. Pearson Education. • Allen, R. G. D. (1975). *Statistics for economists*. Macmillan. • Gupta, S. C., & Kapoor, V. K. (2020). *Fundamentals of Applied Statistics*. Sultan Chand & Sons. • Kesavan, R. (2012). *Computer applications in business and economics*. Himalaya Publishing House. • Winston, W. L. (2016). *Microsoft Excel Data Analysis and Business Modelling (5th ed.)*. Microsoft Press. • Reserve Bank of India. (n.d.). *Database on Indian economy*. (https://dbie.rbi.org.in) • Ministry of Statistics and Programme Implementation. *National accounts statistics*. (http://mospi.nic.in).
11	**Internal Continuous Assessment: 40% (20 Marks)**

	Continuous evaluation pattern	
1	Class Test Two (5 marks each)	10 Marks
2	Assignment/ Project Presentation/ Case Study writing	10 Marks
3	Book review/Newspaper review (in any language)/ Case Studies	10 Marks
	Take any two of the above (from 1, 2 and 3)	**20 Marks**

12

External, Semester End Examination 60% (30 Marks)
Individual Passing in Internal and External Examination

Format of Question Paper

Semester End Examination Question Paper Pattern

Time: 1 Hour Max. Marks:30

Note:

- All questions are compulsory
- Each question has internal options
- Figure to the right indicate full marks.

Q.1.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		
Q.2.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		

SEC- II

Syllabus
B. Com. (Business Economics)
(Sem.- IV)

Title of Paper: Understanding Union Budget

Sr. No.	Heading	Particulars
1	**Description the course :** **Including but Not limited to :**	This course provides an in-depth understanding of budget analysis, including its principles, methodologies, and applications in public and private sector organizations. It covers budget preparation, execution, monitoring, and evaluation, emphasizing financial decision-making and performance assessment.
2	**Vertical :**	SEC
3	**Type :**	Theory
4	**Credit**:	2 credits (1 credit = 15 Hours
5	**Hours Allotted :**	30 Hours
6	**Marks Allotted**:	50 Marks
7	**Course Objectives**: 1. To make the students understand the fundamentals of budgeting and budget analysis. 2. To make learners Identify different types of budgets and their applications. 3. To develop analytical skills of the learners related to budgetary performance using financial data. 4. To make learners Evaluate the impact of budgetary decisions on organizational goals. 5. To understand Application of budget analysis tools and techniques to real-world scenarios	
8	**Course Outcomes**: By the end of the course, students will be able to: 1. Understand the fundamentals of budgeting and budget analysis. 2. Identify different types of budgets and their applications. 3. Analyze budgetary performance using financial data. 4. Evaluate the impact of budgetary decisions on organizational goals. 5. Apply budget analysis tools and techniques to real-world scenarios.	

9	Syllabus
	Module 1: Fundamentals of Budget **(15 Hours)**
	• Meaning and definitions of the Budget, Private vs Public Budget, Objectives of the budget, Importance of the Budget • Types of Budget, Budget techniques, Structure of the union Budget- Actual, revised and budget estimates; • Stages of budget preparation, Estimation of receipts and expenditure, Problems of Budget preparation**,** Concept of deficits,
	Module 2: Budget Implementation and Evaluation **(15 Hours)**
	• Budget Implementation Strategies, Identifying and Managing Deviations, Role of Internal Controls and Auditing in Budgeting • Key Performance Indicators (KPIs) in Budget Analysis, Government Budgeting and Fiscal Policies, Centre-State financial relations • Analysis of sources of revenue and expected growth in revenue; Analysis of expenditure pattern and expected growth in expenditure; Analysis of fiscal and revenue deficits; ' Case Studies on Union Budget
10	**References:** • Meyers, R. T. (Ed.). (1998). Handbook of government budgeting. Jossey-Bass. • Thompson, F., & Green, M. T. (Eds.). (1998). Handbook of public finance. Routledge. • Wildavsky, A. (2006). *The Politics of the Budgetary Process*. • Shoup, C. (2006). Public finance. Routledge • Lalli, W. R. (Ed.). (2012). Handbook of budgeting (6th ed.). Wiley. oreilly.com • Dhameja, N. (2014). Public budgeting and financial management. S Chand Publishing. • Chen, G. G., Weikart, L. A., & Williams, D. W. (2014). Budget tools: Financial methods in the public sector (2nd ed.). CQ Press. • Bose, D., Ganesan, S., & Marimuthu, A. (2015). An introduction to public finance. S Chand Publishing. • Chakraborty, P. (2015). Intergovernmental fiscal transfers in India: Emerging trends and realities. In P. Patnaik (ed.): Macroeconomics. Oxford University Press. • Reddy, Y. (2015). Continuity, change and the way forward: The fourteenth finance commission. Economic and Political Weekly, 50(21), 27-36. • Lal, J. (2017). Cost and financial analysis. Himalaya Publishing House. • Mikesell, J. L. (2018). *Fiscal Administration: Analysis and Applications for the Public Sector*. • Singh, S. K. (2018). Public finance: Principles and practices. Oxford University Press. • Horngren, C. T., Datar, S. M., & Rajan, M. (2020). *Cost Accounting: A Managerial Emphasis*. • Chakraborty, P., & Shanmugam, K. R. (Eds.). (2024). Fiscal policy and public financial management. Oxford University Press. • Government & Corporate Budget Reports (Latest Editions).

11	**Internal Continuous Assessment: 40% (20 Marks)**

Continuous evaluation pattern		
1	Class Test Two (5 marks each)	10 Marks
2	Assignment/ Project Presentation/ Case Study writing	10 Marks
3	Book review/Newspaper review (in any language)/ Case Studies	10 Marks
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External, Semester End Examination 60% (30 Marks)

Individual Passing in Internal and External Examination

Format of Question Paper

Semester End Examination Question Paper Pattern

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Q.1.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		
Q.2.	Answer the following questions **(Any 2):**	15 Marks
A.		
B.		
C.		

Letter Grades and Grade Points:

Semester GPA/ Programme CGPA Semester/ Programme	% of Marks	Alpha-Sign/ Letter Grade Result	Grading Point
9.00 - 10.00	90.0 - 100	O (Outstanding)	10
8.00 - < 9.00	80.0 - < 90.0	A+ (Excellent)	9
7.00 - < 8.00	70.0 - < 80.0	A (Very Good)	8
6.00 - < 7.00	60.0 - < 70.0	B+ (Good)	7
5.50 - < 6.00	55.0 - < 60.0	B (Above Average)	6
5.00 - < 5.50	50.0 - < 55.0	C (Average)	5
4.00 - < 5.00	40.0 - < 50.0	P (Pass)	4
Below 4.00	Below 40.0	F (Fail)	0
Ab (Absent)	-	Ab (Absent)	0

Sd/-

Sign of the BOS Coordinator
Dr. Atul Salunkhe
Board of Studies in Business Economics

Sd/-

Sign of the Offg. Associate Dean
Prin. Kishori Bhagat
Faculty of Commerce & Management

Sd/-

Sign of the Offg. Associate Dean
Prof. Kavita Laghate
Faculty of Commerce & Management

Sd/-

Sign of the Offg. Dean
Prin. Ravindra Bambardekar
Faculty of Commerce & Management