Darrang College (Autonomous), Tezpur-784001

Syllabus for FYUGP

Subject: COMMERCE

(Multi Disciplinary Course (MDC)

(Common for all Specializations/Honours)

<u>**Approved by :**</u>

Board of Studies meeting held on 23-06-2026
&
Academic Council vide Resolution No. DC/AC/3/2026/02, dated 29-06-2026.

FOUR-YEAR UNDERGRADUATE PROGRAMME (FYUGP)
IN COMMERCE
Darrang College (Autonomous)

INTRODUCTION

The syllabus for the Four Year Undergraduate Programme (FYUGP) in Commerce at Darrang College (Autonomous) has been designed in alignment with the National Education Policy (NEP) 2020, which emphasizes a holistic, multidisciplinary, and flexible education system rooted in Indian values and focused on developing globally competent graduates.

This curriculum aims to provide students with a strong foundation in the principles and practical applications of commerce, accountancy, finance and management, while fostering scientific temper, critical thinking, creativity, and problem-solving abilities. In accordance with NEP 2020, it features flexible entry and exit options, emphasizes skill-oriented learning, promotes interdisciplinary integration, and adopts continuous formative assessment practices.

The program seeks to offer students a personalized and diverse learning experience across a broad spectrum of specialized areas, while equipping them with practical skills and comprehensive knowledge in commerce to help them excel in their chosen career paths and promote individual growth and success.

AIMS OF THE FOUR-YEAR UNDERGRADUATE PROGRAMME (FYUGP) IN COMMERCE:

The FYUGP in Commerce is designed with the following core objectives:

1. To provide students with a well-rounded understanding of commerce, encompassing a wide range of specialized areas like Finance, Marketing, Accounting, Taxation, Human Resource, etc.

2. To bridge the gap between academic knowledge and real-world applications with practical skills and knowledge.
3. To familiarize students with the changes evidenced in the use of technology in modern trade and commerce in general and more specifically in the practices of each of the sub-disciplines.
4. To prepare students for a wide array of career opportunities while fostering their individual growth, ethical awareness, and ability to excel in the ever-evolving world of commerce.
5. To prepare students to be job-ready or drive entrepreneurship initiatives or higher education in business at home and abroad.
6. To inculcate a spirit of Ethics and Social Commitment in the personal and professional life of management graduates so that they add value to the society.

PROGRAMME OUTCOME (PO) OF FYUGP IN COMMERCE:

After completing the FYUGP in Commerce, a student is expected to achieve the below-mentioned programme outcomes:

PO-1: A student will be able to acquire the ability to understand and explain the fundamental concepts in various areas of accounting, finance, banking, management, marketing, advertising, economics, taxation, mathematics and statistics, information technology, and business environment.

PO-2: A student will be able to record, classify, and summarize financial transactions, apply accounting standards and principles to prepare accurate financial reports, and make informed financial decisions based on analysis of basic financial information.

PO-3: A student will be able to understand about various organizational structures, acquaint themselves with the knowledge and skills regarding management principles and functions required to run an organization, apply management principles and theories in practical situations, demonstrate effective leadership skills, analyze and solve management problems, and make informed decisions to enhance organizational effectiveness.

PO-4: A student will be able to understand the diverse components and functions of the financial system, the role of regulatory bodies, the impact of policies on economic growth, and the development of analytical skills to evaluate and navigate financial markets effectively.

PO-5: A student will be able to acquire knowledge of various laws relating to business, corporate sector, financial sector, labour, taxation, international business, etc.

PO-6: A student will be able to analyze consumer behaviour, develop marketing strategies, utilize marketing tools and techniques, and evaluate marketing campaigns to effectively target and engage customers in diverse market environments.

PO-7: A student will be able to develop entrepreneurial mindset and skills, and zeal to pursue entrepreneurship as a profession and reap the benefits of self-employment.

PO-8: A student will be able to understand the functions and working of the market and determination of equilibrium price and output under various market forms.

PO-9: A student will be able to acquaint themselves with statistical and mathematical skills like collection, organization, tabulation, and analysis of empirical data, and acquire in-depth knowledge of correlation, regression and time series analysis and their associated problems and other related issues.

PO-10: A student will be able to develop the skill of E-Filling of income tax returns, TDS returns, and GST returns.

PO-11: A student will be able to understand the key economic principles, policies, and factors that shape the Indian economy, major trends in economic indicators and policy debates in India in the post-Independence period, and sector-specific polices and their impact in shaping trends in key economic indicators in India.

PO-12: A student will be able to develop communication skills, professional skills, managerial and accounting skills, and thus will be industry ready after the completion of the course.

TEACHING-LEARNING PROCESS:

The Four-Year Undergraduate Programme (FYUGP) in Commerce employs a variety of pedagogical approaches to strengthen student engagement and deepen understanding across both classroom instruction and laboratory-based learning. These approaches include:

- Traditional
- Tutorials
- Power Point presentations
- Project work
- Class seminars, group discussions, case studies, quizzes
- Industry and field visits, Internship programme
- Mentoring and Counselling

TEACHING-LEARNING TOOLS:

To support effective delivery of the curriculum, a variety of instructional tools are utilized:

- Whiteboard/Green board/Blackboard
- LCD projectors and monitors
- Smart boards for interactive teaching
- Distribution of case studies among students.
- Industry and field visits for experiential learning

ASSESSMENT METHODS:

Student progress is continuously evaluated through a combination of formative and summative assessment techniques, including:

- Home Assignments
- Class Test/Group Discussions /Quiz/Class Presentation/ Seminars Presentation
- In-semester/ Sessional examinations
- End-Semester examinations

FYUGC B.COM PROGRAMME

MULTI DISCIPLINARY COURSE (MDC)

(Common for all Specializations/Honours)

FYUGC B.Com MDC Course Structure

Semester	Course	Credit	Level	Paper Code and Paper Name
SEM-I	MDC-1	3	100	MDC-01023 Microeconomics
SEM-II	MDC-2	3	100	MDC-02023 Macroeconomics
SEM-III	MDC-3	3	200	MDC-03023 Business Mathematics

Course Levels:

0-99 : Pre-requisite
100-199 : Foundation & Introductory
200-299 : Intermediate-level
300-399 : Higher-level
400-499 : Advanced course

FYUGC B.COM PROGRAMME
DETAILED SYLLABUS OF 1ST SEMESTER

Title of the Course	**MICROECONOMICS**
Course Code	MDC-01023
Nature of the Course	Multi Disciplinary Course (MDC)
Total Credit	03 Credits
Contact Hours	45 Hours
Distribution of Marks	45 (End Sem) + 30 (In-Sem)

COURSE OBJECTIVE:

The objective of the course is to acquaint the students with the concepts of microeconomics dealing with consumer behavior. The course also makes the student understand the supply side of the market through the production and cost behavior of firms.

COURSE OUTCOME:

1. To acquaint the students with the concepts of microeconomics dealing with consumer behavior.
2. To makes the students understand the supply side of the market through the production and cost behavior of firms.
3. To make the students understand the process of producers' equilibrium through cost and revenue.
4. To make the students understand the various forms of market and how the equilibrium price and output are determined in these markets.

UNITS	COURSE CONTENTS	L	T	P	Total Hours
Unit-I (17 Marks)	**Demand and Consumer Behavior**: • Concepts of revenue: marginal and average revenue under various market structure; • Demand: concept, determinants of demand, law of demand; Elasticity of demand (price, income and cross); Methods of measuring price elasticity of demand. • Consumer Behavior: Indifference curve analysis of consumer behavior, Consumer's equilibrium, Decomposition of Price effect, price consumption curve, income consumption curve and Engel curve.	09	01	0	10
Unit-II (17 Marks)	**Production, Cost and Supply** • Production isoquants and its properties, economic region of production, optimal combination of resources, the	09	01	0	10

	expansion path, isoclines, returns to scale using isoquants. • Cost of Production: Social and private cost, short run and long run costs, Economies and diseconomies of scale, Learning curve and economies of scope. • Supply: Meaning, determinants, Law of Supply, Market Supply, Price elasticity of Supply				
Unit-III (17 Marks)	**Theory of firm and Perfect Competition** • Behavior of profit maximizing firms; conditions of firm's equilibrium. • Perfect competition: Characteristics, Equilibrium of firm and industry in the short-run and the long-run, Measuring producer surplus under perfect competition; Demand - Supply analysis (Price ceiling and Price floor, Tax and Subsidy).	09	01	0	10
Unit-IV (24 Marks)	**Monopoly and Imperfect Competition** • Monopoly: Characteristics, Short run and long run equilibrium, Shifts in demand curve and the absence of the supply curve, Measurement of monopoly power, Social costs of monopoly power including deadweight loss, Price discrimination. • Monopolistic competition: Characteristics, equilibrium price and output determination, -equilibrium, • Oligopoly: Characteristics, Price and Output determination under oligopoly (Cournot's duopoly model, Stackelberg model, kinked demand Model).	13	02	0	15
	TOTAL	**40**	**05**	**0**	**45**

Where, L = Lectures, T = Tutorials, P = Practicals

SUGGESTED READINGS

- Pindyck, R.S., D. L. Rubinfeld and P. L. Mehta; *Microeconomics*, Pearson Education.
- N. Gregory Mankiw; *Principles of Micro Economics*, Cengage Learning
- Salvatore, D.; *Schaum's Outline: Microeconomic Theory*, McGraw-Hill, Education.
- Maddala G. S. and E. Miller; *Microeconomics: Theory and Applications*, McGraw-Hill Education.
- Samuelson, Paul A., William D Nordhaus; *Microeconomics*, McGraw-Hill Education.
- Koutsiyannis, A.; *Modern Microeconomics*, Palgrave Macmillan.
- Case, K.E., R.C. Fair and S. M. Oster; *Principles of Micro Economics*, Pearson Education.
- Nicholson, Walter and Christopher Snyder; *Microeconomic Theory: Basic Principles and Extensions*, Cengage Learning.
- Bilas, Richard A.; *Microeconomics Theory: A Graphical Analysis*, McGraw-Hill Education.
- Ahuja, H. L.; *Principles of Microeconomics*, S. Chand Publishing

FYUGC B.COM PROGRAMME
DETAILED SYLLABUS OF 2ND SEMESTER

Title of the Course	**MACROECONOMICS**
Course Code	MDC-02023
Nature of the Course	Multi Disciplinary Course (MDC)
Total Credit	03 Credits
Contact Hours	45 Hours
Distribution of Marks	45 (End Sem) + 30 (In-Sem)

COURSE OBJECTIVE:

The objective of the course is to provide student with knowledge of basic concepts of the macro economics. It provides basic ideas on macroeconomic variables like income, employment, consumption, investment, inflation, unemployment, money and so on. It discussed the modern tools of macro-economic analysis and also elaborated the policy framework.

COURSE OUTCOMES:

1. To familiarize the students with the meaning of macroeconomics, how the overall production of economy is computed, and the concepts of aggregate demand and aggregate supply.
2. To introduce the students with the Classical and Keynesian theories of income and employment determination.
3. To help students understand the types and causes of inflation and evaluate the measures to control inflation.
4. To help students understand the concepts and theories of money supply and money demand.

UNITS	COURSE CONTENTS	L	T	P	Total Hours
Unit-I (15 marks)	**Introduction to Macroeconomics and National Income Accounting** • Definition, scope and subject matter of macroeconomics • Basic concepts in macroeconomics: classification of goods, stocks and flows, investment and depreciation • Circular flow of income in the two sector; Methods of measuring national income; Difficulties in calculating NI; National income at market prices, factor cost and basic prices; Real and Nominal national income • Aggregates related to National Income • National Income and welfare	08	01	0	9
Unit-II	**Determination of Income and Employment**	11	01	0	12

(20 marks)	• Aggregate demand: Concept, Components and determinants of aggregate demand • Consumption function: Concept, MPC and APC; • Saving: determinants of saving, MPS and APS; • Investment: determinants of investment demand; investment function; • Aggregate supply: Concept, determinants of aggregate supply, factors shifting aggregate supply • The classical theory of determination of income and employment; Say's law of markets; • The Keynesian theory determination of income, the concept of multiplier, equilibrium income, changes in equilibrium income				
Unit-III (20 marks)	**Inflation, Unemployment and Labour market** • Inflation: Concept, Types, Causes, Deflation and Stagflation, inflationary Gap, Cost push and Demand pull inflation, inflation and interest rates, social costs of inflation, Control of inflation; • Unemployment: types, natural rate of unemployment, Labour market and its interaction with production system, Phillips curve and the trade-off between inflation and unemployment	11	01	0	12
Unit-IV (20 marks)	**Money** • Definition of money, Functions of money, Types of money, Value of money; • Supply of money: Meaning, Various measures of supply of money (M1, M2, M3 and M4), determination of money supply, instruments of monetary control • Demand for money: Meaning, the quantity theory of Money, the Keynesian theory of demand for money	10	02	0	12
	TOTAL	**40**	**05**	**0**	**45**

Where, L = Lectures, T = Tutorials, P = Practicals

SUGGESTED READINGS

- Dornbusch, R., S. Fischer and R. Startz. *Macroeconomics*, McGraw-Hill Education.
- Mankiw, Gregory N. *Macroeconomics*, Worth Publishers.
- Blanchard, Olivier. *Macroeconomics*, Pearson Education.
- Mithani, D. M. *Macro Economic Analysis and Policy*, Himalaya Publications, New Delhi.
- Paul A Samuelson, Paul A., W. D. Nordhaus and S. Chaudhuri. *Macroeconomic*, McGraw-Hill Education
- Shapiro, Edward. *Macroeconomic Analysis*, Galgotia Publications.
- Froyen, Richard T. *Macroeconomics*, Pearson Education.

- D'Souza, Errol. *Macroeconomics*, Pearson Education.
- Rana, K. C. and K. N. Verma. *Macroeconomic Analysis*, Vishal Publishing Company.
- Ahuja, H. L. *Macroeconomics - Theory and Policy*, S. Chand, New Delhi.
- Chopra, P. N. *Macroeconomics*, Kalyani Publishers, Ludhiana

FYUGC B.COM PROGRAMME
DETAILED SYLLABUS OF 3RD SEMESTER

Title of the Course	**BUSINESS MATHEMATICS**
Course Code	MDC-03023
Nature of the Course	Multi Disciplinary Course (MDC)
Total Credit	03 Credits
Contact Hours	45 Hours
Distribution of Marks	45 (End Sem) + 30 (In-Sem)

COURSE OBJECTIVE:

The objective of this course is to develop the ability to apply fundamental mathematical concepts and techniques to business problems.

COURSE OUTCOMES:

After completion of the course, students will be able to:

1. To understand the basic principles of permutations, combinations, sets, determinants, and matrices for solving business-related quantitative problems.
2. To apply mathematical methods to compute interest, annuities, discounts, and other financial values essential in business finance.
3. To apply mathematical reasoning and calculus-based methods to solve problems related to marginal cost, marginal revenue, and analytical decision-making.
4. To enhance logical and analytical thinking for interpreting and solving real-life business situations using mathematical tools.

UNITS	COURSE CONTENTS	L	T	P	Total Hours
Unit-I (10 Marks)	**Permutations and Combinations** Definition, Factorial Notation, Theorems on Permutation, Permutations with repetitions, Restricted Permutations; Theorems on Combination, Basic Identities, Restricted Combinations.	05	0	0	5
Unit-II 25 (Marks)	**Set Theory** Definition of set, Presentation of sets, Different types of sets-Null set, Finite and infinite Sets, Universal set, Subset, Power set, etc.; Set Operations, Law of algebra of Sets. **Determinant** Formulation of determinants, minors and Co-factors of the elements of a determinant, Cramer's rule.	10	01	0	11

	Matrics Difference between determinants and matrices, types of matrices, equality of matrices, matrix addition and scalar multiplication, matrix multiplication, matrix multiplication and system of linear equations, transpose of a matrix, adjoint of a matrix, inverse of a square matrix, Application of matrices in solving problems relating to business and economics.				
Unit-III 25 (Marks)	**Mathematics of Finance I** Simple interest Compound Interest: Formula for calculation of compound interest, compound amount at changing rates, Nominal rate and effective rate of Interest, Present value, Depreciation Annuity: Introduction, Amount and Present value of Immediate or ordinary Annuity, Amortization, Annuity due, perpetual Annuity or perpetuity, deferred Annuity, sinking fund. **Mathematics of finance -II** Time and work, profit, loss and discount, shares, ratio and proportion, mixture.	19	03	0	22
Unit-IV 15 (Marks)	**Differential Calculus** Mathematical functions, limit and continuity, differentiation, maxima and minima, Applications of differential calculus: concept of marginal analysis. **Integration** Partial derivatives, integration, definite integrals, Application of integral calculus to Marginal Analysis.	06	01	0	7
	TOTAL	**40**	**05**	**0**	**45**

Where, L = Lectures, T = Tutorials, P = Practicals

SUGGESTED READINGS

- Hazarika, Padmalochan, Business Mathematics, Shok Publication.
- Bhowal, M.K. Fundamentals of Business Mathematics, Kalyani Publication
- Singh J.K. Business Mathematics. Himalaya Publishing House.
- Ayres, Frank Jr. Schaum's Outlines Series: Theory and Problems of Mathematics of Finance McGraw Hill Education.
- Aggarwal, R.S., Quantitative Aptitude, S. Chand.