

AC –
Item No. –

As Per NEP 2020

**Tolani College of Commerce
(Autonomous)**



Knowledge is Supreme

**Title of the Course: Ancient Indian Taxation System (IKS)
Programme: Bachelor of Commerce (Accounting & Finance)**

Semester: V

**Syllabus for 4 Credit Course
From the Academic Year 2025-2026**

Name of the Course: Ancient Indian Taxation System

Sr. No.	Heading	Particulars
1	Description the course:	This course offers a comprehensive exploration of the taxation system in ancient India, tracing its evolution from the early Vedic period to the end of the medieval era. It examines the socio-economic, political, and philosophical dimensions of taxation, highlighting its role in governance, resource distribution, and societal structure. Students will delve into primary texts such as Kautilya's Arthashastra and the Manusmriti, analyzing their perspectives on taxation and governance. The course will also cover key historical periods, including the Vedic, Mauryan, Gupta, and Chola empires, providing insights into the different types of taxes, methods of assessment and collection, and the administrative frameworks that supported these systems.
2	Vertical :	Major
3	Type :	Theory
4	Credit:	4 Credits
5	Hours Allotted :	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation: 40 Semester-End Examination: 60
7	Course Objectives:	<ol style="list-style-type: none"> 1. To understand the complexities of the taxation practices in the Gupta Empire.. 2. To understand the administrative structure and methods of tax assessment, with a focus on the roles of local officials and the record-keeping practices of the Chola bureaucracy. 3. To explore the various types of taxes in the Arthashastra, including produce tax (Bhaga), land tax (Kara), customs duties (Shulka), and taxes on specific occupational groups. 4. To explore the types of taxes outlined in the Manusmriti, including land revenue, taxes on trade and commerce, and other forms.
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Learner will able to articulate the key features of the Gupta taxation system. 2. Learner will able to analyze the methods used for tax assessment, especially in regard to land and crop yields, and the significance of detailed record-keeping. 3. Learner will able to Identify and describe the different types of taxes mentioned in the Arthashastra, such as Bhaga, Kara, Shulka, and those on artisans and merchants. 4. Learner will able to Identify and describe various types of taxes mentioned in the Manusmriti, particularly land revenue and trade taxes.
9	Module 1: Taxation Practices in the Gupta Empire (15 Hours)	
	Types of Taxes in the Gupta Empire	
	<ul style="list-style-type: none"> ❖ Land Revenue <ul style="list-style-type: none"> • Definition and importance of land revenue as the primary tax. 	

- Assessment methods and rates (one-sixth to one-fourth of produce).
- Payment in kind vs. cash.
- ❖ Trade and Market Taxes
 - Overview of trade practices and economic activities.
 - Customs duties on imports and exports.
 - Market taxes on local commerce.
- ❖ Guild Taxes
 - Role of guilds in the economy and taxation.
 - Taxation based on profits from craftsmanship and trade.
- ❖ Tolls and Cesses
 - Definition and purpose of tolls on transportation routes.
 - Additional cesses for public works and military funding.

Tax Administration and Governance

- ❖ Bureaucratic Structure
 - Overview of the Gupta administrative system.
 - Roles of local officials (amatyas and pradeshtas) in tax collection.
- ❖ Tax Assessment Processes
 - Methods used for assessing land and crop yields.
 - Importance of record-keeping and documentation.
- ❖ Flexibility in Taxation
 - Adaptation of tax policies to local conditions and agricultural practices.
 - Handling disputes and corruption in tax collection.

Challenges and Reforms

- ❖ Issues in Tax Collection
 - Corruption and inefficiencies faced by tax collectors.
 - Local grievances and disputes regarding tax assessments.
- ❖ Reforms Implemented by Gupta Rulers
 - Strategies for improving tax collection and administration.
 - Efforts to maintain fairness and reduce burden on farmers.

Module 2: Taxation Practices in the Chola Empire

(15 Hours)

Types of Taxes

- ❖ Land Revenue (Kadama)
 - Importance of land revenue as the primary source of income.
 - Assessment methods and rates based on land fertility and crop types.
- ❖ Trade and Market Taxes
 - Overview of trade practices in the Chola Empire.
 - Customs duties on imports and exports.
 - Market taxes levied on local commerce and trade activities.
- ❖ Guild Taxes
 - Role of guilds in the economy and their contributions to state revenue.
 - Taxation practices related to artisans and traders.
- ❖ Cesses and Additional Levies
 - Definition and purpose of cesses imposed for specific needs.
 - Temporary levies for public works, military expenditures, and religious activities

Tax Administration and Governance

- ❖ Bureaucratic Structure
 - Overview of the Chola administrative system.
 - Roles of local officials (sabha) in tax collection and management.
- ❖ Tax Assessment Processes
 - Methods used for assessing land and crop yields.
 - Importance of record-keeping and documentation in tax administration.
- ❖ Flexibility and Adaptability
 - Strategies for adjusting tax policies based on local conditions and agricultural productivity.
 - Approaches to managing disputes and grievances from tax payers.

Module 3: Kautilya's Arthashastra and Tax Administration (15 Hours)

- ❖ **Role of the King in Taxation:**
 - Ethical principles governing taxation.
 - Revenue generation strategies for state welfare and military purposes.
- ❖ **Types of Taxes Mentioned in the Arthashastra:**
 - Bhaga: Produce tax (agricultural revenue).
 - Kara: Land tax.
 - Shulka: Customs duties and trade taxes.
 - Taxation of artisans, merchants, and other occupational groups.
- ❖ **Tax Collection Mechanisms:**
 - Administration of taxes by state-appointed officers (Samaharta and Sannidhata).
 - Record-keeping, auditing, and preventing corruption

Module 4 : Manusmriti and Its Views on Taxation (15 Hours)

Types of Taxes

- ❖ Land Revenue
 - Description of land revenue as a primary form of taxation.
 - The principle of fair assessment based on land fertility and productivity.
- ❖ Taxes on Trade and Commerce
 - Overview of taxes imposed on merchants and trade activities.
 - Discussion of customs duties and market taxes.
- ❖ Other Forms of Taxation
 - Examination of additional taxes, such as those levied on crafts, tolls, and communal contributions.

Principles of Tax Assessment and Collection

- ❖ Fairness in Taxation
 - Manusmriti's guidelines for equitable taxation based on income and capability.
 - The importance of ensuring that taxation does not lead to hardship for the populace.
- ❖ Administrative Structure
 - Overview of the roles of local officials (rajukas and amatyas) in tax assessment and collection.
 - Emphasis on accountability and the duties of tax collectors.

Ethical Considerations in Taxation

- ❖ Dharma and Taxation

- The relationship between dharma (moral duty) and the obligation to pay taxes.
- Kautilya's perspective on ethical governance and taxation.
- ❖ Use of Tax Revenue
 - Discussion on the allocation of tax revenue for public welfare, infrastructure, and administration.
 - The role of the ruler in ensuring that taxation benefits the community.

10 Reference Books:

1. **"Ancient Indian Economy"**
 - **Author:** R. S. Sharma
 - **Publisher:** The Motilal Banarsidass Publishers
 - **Year:** Various editions available
2. **"Kautilya's Arthashastra: The Way of Wealth"**
 - **Author:** Kautilya (Chanakya)
 - **Translated and Edited by:** L. N. Sharma
 - **Publisher:** Penguin Classics (or other publishers for different translations)
 - **Year:** Various editions available
3. **"Economic History of India"**
 - **Author:** Romesh Chunder Dutt
 - **Publisher:** The G. Allen & Unwin Ltd.
 - **Year:** Various editions available (originally published in the early 20th century)
4. **"The Evolution of the Indian Economy: From the Vedic Age to the 21st Century"**
 - **Author:** A. K. S. Wadhwa
 - **Publisher:** Atlantic Publishers & Distributors
 - **Year:** 2009
5. **"Ancient Indian Society and Culture"**
 - **Author:** S. P. Gupta
 - **Publisher:** Rajesh Publications
 - **Year:** Various editions available
6. **"Taxation in Ancient India"**
 - **Author:** R. C. Gupta
 - **Publisher:** M. D. Publications Pvt. Ltd.
 - **Year:** 1995

11	Internal Continuous Assessment: 40%	Semester End Examination: 60%	
12	Continuous Evaluation through:		
	Sub-components	Maximum Marks	Conditions for passing
	1) Assignment/Case Studies/Project/Field Visit	15	A learner must be present for each of the sub-components.
	2) Presentation/Book Review/Research Paper Report	15	
	3) MCQ Based Test	10	
Total	40		
13	Format of Question Paper: Semester End Examination Question Paper Pattern Maximum Marks: 60 Duration: 2 Hours All Questions are Compulsory Carrying 15 Marks each.		
	Question No	Particular	Marks
	Q-1	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions	15 Marks
	Q-2	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions	15 Marks
	Q-3	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions	15 Marks
	Q-4	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions	15 Marks

Signatures of Team Members

Sr. No	Name	Signature
1.	Mr. Murugan Nadar	
2.	Mr. Mubeen Shaikh	

AC –
Item No. –

As Per NEP 2020

**Tolani College of Commerce
(Autonomous)**



Knowledge is Supreme

**Title of the Course: Financial Management-I
Programme: Bachelor of Commerce (Accounting & Finance)**

Semester: V

**Syllabus for 4 Credit Course
from the Academic Year 2025-2026**

Name of the Course: Financial Management – I

Sr. No.	Heading	Particulars
1	Description the course :	A Financial Management course is designed to provide students with a comprehensive understanding of financial decision-making within an organization. The course covers a range of topics related to financial planning, analysis, and control, and it is essential for individuals pursuing careers in finance, business administration, and related fields.
2	Vertical:	Major
3	Type:	Practical
4	Credit:	4 Credits
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation: 40 Semester-End Examination: 60
7	Course Objectives:	<ol style="list-style-type: none"> 1. To understand the capital budgeting process, including project classification and various investment criteria. 2. To examine the impact of capital structure decisions on a company's cost of capital, valuation, and financial stability. 3. To explore the risks associated with mutual funds and bonds, and methods for managing these risks. 4. To understand the fundamentals of credit management and its importance in financial stability and profitability.
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Learner will able to apply different capital budgeting techniques (such as NPV, IRR, and ARR) to evaluate project feasibility, including accurate estimation of project cash flows. 2. Evaluate how different capital structure choices affect a company's cost of capital and overall valuation, as well as the risk-return profile for shareholders. 3. Assess the risks associated with mutual fund and bond investments and apply strategies for risk management, such as diversification and duration matching. 4. Develop and implement effective credit policies that align with organizational goals and minimize financial risks.
9	Module 1: Capital Budgeting – Project Planning & Risk Analysis	(15 Hours)
	<ul style="list-style-type: none"> • Introduction - Capital Budgeting Process, Project Classification and Investment Criteria. • Techniques of Capital Budgeting - NPV, Benefit Cost Ratio, Internal Rate of Return, Modified Internal Rate of Return, Payback period, Discounted Payback Period and ARR. (Inclusive of Estimation of Project Cash Flows) • Capital Rationing – Meaning, Need and Dealing with Capital Rationing Problems Risk Analysis in Capital Budgeting Sources and Perspectives of Risk, Sensitivity Analysis, Scenario Analysis, Simulation Model, Decision Tree Analysis and Break - Even Analysis 	

	Module 2: Capital Structure Theories and Dividend Decisions (15 Hours)
	<ul style="list-style-type: none"> • Capital Structure Theories – Background, Assumptions, Definitions and Taxation • Capital Structure Types – Net Operating Income, Net Operating Income Approach, Traditional Position, Modigliani and Miller Approach, Trade off Theory and Signalling Theory. • Dividend Decisions- Need, Importance, Formulation, Legal and Procedural Aspects, Dividend Decision Models - Walter, Gordon, Graham & Dodd Model and M-M Model
	Module 3: Mutual Fund and Bond Valuation (15 Hours)
	<ul style="list-style-type: none"> • Introduction to Mutual Fund- History & Origin, Definition, Meaning, Characteristics, Advantages, Disadvantages, Limitations of Mutual Funds, Ethics in Mutual Fund. • Classification of Mutual Fund - Functional/Operational – Open ended, close ended, Interval, Portfolio – Income, Growth, Balanced, MMMF, Geographical/ Location – Domestic and Offshore, Tax Saving Funds, Exchange Traded Funds, Balance Funds, Fixed Term Plan Debt Funds and SIP. Calculations of NAV, Entry Load and Exit Load. • Bond Valuation - Meaning, Measuring Bond Returns – Yield to Maturity, Yield to call and Bond Pricing. Bond Pricing Theorems, Bond Risks and Bond Duration. (Practical Problems on YTM and Bond Duration.)
	Module 4: Credit Management (15 Hours)
	<ul style="list-style-type: none"> • Terms of Payment, Credit Policy Variables, Credit Evaluation Credit Granting Decision • Control of Accounts Receivables • Ageing Schedule and Credit management in India
10	Reference Books: <ol style="list-style-type: none"> 1. Financial Management: Theory & Practice <ul style="list-style-type: none"> • Authors: Eugene F. Brigham and Michael C. Ehrhardt • Publisher: Cengage Learning • Year: 2019 (15th Edition) 2. Principles of Corporate Finance <ul style="list-style-type: none"> • Authors: Richard A. Brealey, Stewart C. Myers, and Franklin Allen • Publisher: McGraw-Hill Education • Year: 2020 (13th Edition) 3. Fundamentals of Financial Management <ul style="list-style-type: none"> • Authors: James C. Van Horne and John M. Wachowicz Jr. • Publisher: Pearson • Year: 2017 (14th Edition) 4. Corporate Finance <ul style="list-style-type: none"> • Authors: Jonathan Berk and Peter DeMarzo • Publisher: Pearson • Year: 2020 (5th Edition) 5. Financial Management: Principles and Applications <ul style="list-style-type: none"> • Authors: Sheridan Titman, Arthur J. Keown, and John D. Martin • Publisher: Pearson • Year: 2018 (13th Edition)

11	Internal Continuous Assessment: 40%	Semester End Examination: 60%	
12	Continuous Evaluation through:		
	Sub-components	Maximum Marks	Conditions for passing
	1) Assignment/Case Studies/Project/Field Visit	15	A learner must be present for each of the sub-components.
	2) Presentation/Book Review/Research Paper Report	15	
	3) MCQ Based Test	10	
	Total	40	
13	Format of Question Paper: Semester End Examination Question Paper Pattern Maximum Marks: 60 Duration: 2 Hours All Questions are Compulsory Carrying 15 Marks each.		
	Question No	Particular	Marks
	Q-1	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks
	Q-2	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks
	Q-3	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks
	Q-4	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks
	Note: Questions of 7/8 marks (Practical/theory) may also be divided as 2 questions of 10/5 marks (Practical/theory) or 1 full length question (Practical/theory) of 15 marks.		

Signatures of Team Members

Sr. No	Name	Signature
1.	Mr. Murugan Nadar	
2.	Mr. Mubeen Shaikh	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce
(Autonomous)



Title of the Course: Corporate Finance

Programme: Bachelor of Commerce (Accounting & Finance)

Semester: V

Syllabus for 2 Credit Course
From the Academic Year 2025-2026

Name of the Course: Corporate Finance

Sr. No.	Heading	Particulars
1	Description the course:	Corporate finance is a branch of finance that focuses on the financial activities, structures, and strategies of corporations, primarily aimed at maximizing shareholder value. This area of finance encompasses the planning, raising, investing, and managing of funds within a company, with an emphasis on both short-term financial management and long-term financial growth.
2	Vertical:	Major
3	Type:	Practical
4	Credit:	2 Credits
5	Hours Allotted:	30 Hours
6	Marks Allotted:	50 Marks Continuous Evaluation: 20 Semester-End Examination: 30
7	Course Objectives:	<ol style="list-style-type: none"> 1. To equip learners with the knowledge and skills necessary for the analyzing the cost of different capital sources and evaluating the impact of leverage 2. To provide learners with the knowledge and skills necessary to effectively create, implement, and manage financial plans for individuals or organizations.
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Acquire hands-on skills in determine the Weighted Average Cost of Capital (WACC) and understand its importance in investment and financing decisions. 2. Learners will able to develop and manage detailed budgets that align with financial goals, ensuring controlled spending and efficient cash flow.
9	Module 1: Cost of Capital and Leverage	(15 Hours)
	<ul style="list-style-type: none"> • Cost of Capital – Cost of Debt, Cost of Preference Shares, Cost of Equity Shares and Cost of Retained Earnings, Calculation of Weighted Cost of Capital • Leverage- Introduction to Concept of Leverage- Operating Leverage, Financial Leverage and Combined Leverage 	
	Module 2: Financial Planning	(15 Hours)
	<ul style="list-style-type: none"> • Introduction: Meaning, Essentials, Advantage and Importance • Tyes of Budget: Production Budget, Cash Budget, Flexible Budget (Practical Sums) 	

10 Reference Books:

- 1. "Principles of Corporate Finance"**
 - **Authors:** Richard A. Brealey, Stewart C. Myers, and Franklin Allen
 - **Publisher:** McGraw-Hill Education
 - **Year:** 13th Edition, 2020
- 2. "Corporate Finance"**
 - **Authors:** Jonathan Berk and Peter DeMarzo
 - **Publisher:** Pearson
 - **Year:** 5th Edition, 2019
- 3. "Fundamentals of Corporate Finance"**
 - **Authors:** Richard A. Brealey, Stewart C. Myers, and Alan J. Marcus
 - **Publisher:** McGraw-Hill Education
 - **Year:** 8th Edition, 2019
- 4. "Corporate Finance: Theory and Practice"**
 - **Author:** Aswath Damodaran
 - **Publisher:** Wiley
 - **Year:** 3rd Edition, 2014
- 5. "Valuation: Measuring and Managing the Value of Companies"**
 - **Authors:** McKinsey & Company Inc.
 - **Publisher:** Wiley
 - **Year:** 6th Edition, 2020
- 6. "Corporate Finance for Dummies"**
 - **Author:** Michael Taillard
 - **Publisher:** Wiley
 - **Year:** 2nd Edition, 2015
- 7. "Corporate Financial Strategy"**
 - **Authors:** Ruth Bender and Keith Ward
 - **Publisher:** Routledge
 - **Year:** 3rd Edition, 2017

11	Internal Continuous Assessment: 40%	Semester End Examination: 60%	
12	Continuous Evaluation through:		
	Sub-components	Maximum Marks	Conditions for passing
	1) Assignment/Case Studies/Project/Field Visit	10	A learner must be present for each of the sub-components.
	2) MCQ Based Test	10	
	Total	20	

13	Format of Question Paper:	
	Semester End Examination Question Paper Pattern	
	Maximum Marks: 30	Duration: 1 Hour.
	All Questions are Compulsory Carrying 15 Marks each.	
	Question No	Particular
Q-1	Attempt the following: a) Full Length Practical Question OR b) Theory/ Practical Questions c) Theory/Practical Questions	
	15 Marks	
	08 Marks	
	07 Marks	
Q-2	Attempt the following: a) Full Length Practical Question OR b) Theory/ Practical Questions c) Theory/Practical Questions	
	15 Marks	
	08 Marks	
	07 Marks	
Note: Questions of 7/8 marks (Practical/theory) may also be divided as 2 questions of 10/5 marks (Practical/theory) or 1 full length question (Practical/theory) of 15 marks.		

Signatures of Team Members

Sr. No	Name	Signature
1.	Mr. Murugan Nadar	
2.	Mr. Mubeen Shaikh	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce
(Autonomous)



Title of the Course: Auditing
Programme: Bachelor of Commerce (Accounting & Finance)

Semester: V

Syllabus for 4 Credit Course
From the Academic Year 2025-2026

Name of the Course: Auditing

Sr. No.	Heading	Particulars
1	Description the course:	This course provides a comprehensive overview of auditing principles, practices, and methodologies essential for evaluating the financial integrity and accountability of organizations. It is designed for students pursuing careers in accounting, finance, or business management. Through a combination of theoretical knowledge and practical application, students will learn about the auditing process, including planning, risk assessment, evidence collection, and reporting. The course will cover various types of audits, including internal, external, statutory, and forensic audits. Students will explore the role of the auditor in corporate governance, the importance of ethical standards, and the impact of technology on auditing practices.
2	Vertical:	Major Electives
3	Type:	Practical
4	Credit:	4 credits
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation: 40 Semester-End Examination: 60
7	Course Objectives:	<ol style="list-style-type: none"> 1. To provide a foundational understanding of auditing, its purposes, and its significance in the financial reporting process. 2. To understand the importance of audit planning and the steps involved in developing a comprehensive audit plan. 3. To explore the application of analytical procedures and substantive testing in evaluating financial statements. 4. To explore specific audit procedures and techniques applicable to various types of accounts, such as cash, receivables, inventory, and fixed assets.
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Assess the role of auditing in enhancing trust and credibility in financial statements and in supporting effective governance. 2. Learner will able to create a detailed audit plan that identifies audit objectives, scope, resources required, and timelines for the audit engagement. 3. Learner will able to utilize analytical procedures to assess financial information and identify potential misstatements or anomalies. 4. Learner will able to Implement appropriate audit procedures tailored to each specific area, ensuring adequate evidence is obtained for effective decision-making.
9	Module 1: Introduction to Auditing	(15 Hours)
	<ul style="list-style-type: none"> • Basics -Financial Statements, Users of Financial Information, Definition of Auditing, Objectives of Auditing - Primary and Secondary, Expression of Opinion, Detection of Frauds and Errors, Inherent Limitations of Audit 	

	<ul style="list-style-type: none"> • Errors and Frauds -Concepts, Reasons and Circumstances, Types of Errors - Commission, Omission, Principle and Compensating, Types of Frauds, Risk of Fraud and Error in Audit, Auditor's Duties and Responsibilities in Respect of Fraud • Principles of Audit -Integrity, Objectivity, Independence, Confidentiality, Skills and Competence, Materiality and Work Performed by Others, Documentation, Planning, Audit Evidence, Accounting System and Internal Control, Audit Conclusions and Reporting • Types of Audit -Meaning, Advantages and Disadvantages of Balance Sheet Audit, Interim Audit, Continuous Audit, Concurrent Audit, Annual Audit
	Module 2: Audit Planning, Procedures and Documentation (15 Hours)
	<ul style="list-style-type: none"> • Audit Planning- Meaning, Objectives, Factors to be Considered, Sources of Obtaining Information, Discussions with Client, Overall Audit Plan • Audit Programme- Meaning, Factors to be Considered, Advantages, Disadvantages, Overcoming Disadvantages, Methods of Work, Instruction before Commencing Works of Audit, Overall Audit Approach • Audit working Papers-Meaning, Importance, Factors Determining Form and Contents, Main Functions /Importance, Features, Contents of Permanent Audit File, Temporary Audit File, Ownership, Custody, Access of Other Parties to Audit Working Papers, Auditors Lien on Working Papers, Auditors Lien on Client's Books
	Module 3: Auditing Techniques (15 Hours)
	<ul style="list-style-type: none"> • Test Check-Test Checking Vs Routing Checking, Test Check Meaning, Features, Factors to be Considered, When Test Checks can be Used, Advantages, Disadvantages and Precautions. • Audit Sampling- Audit Sampling, Meaning, Purpose, Factors in Determining Sample Size -Sampling Risk, Tolerable Error and Expected Error, Methods of Selecting Sample Items Evaluation of Sample Results Auditors Liability in Conducting Audit based on Sample • Internal Control- Meaning and Purpose, Review of Internal Control, Advantages, Auditors Duties, Review of Internal Control, Inherent Limitations of Internal Control, Internal Control Samples for Sales and Debtors, Purchases and Creditors, Wages and Salaries
	Module 4: Audit of Specific Areas (15 Hours)
	<ul style="list-style-type: none"> • Audit of cash and bank transactions. • Audit of receivables and payables. • Audit of inventory and fixed assets. • Audit of revenue and expenses.

10 Reference Books:**1. Auditing and Assurance Services**

- **Authors:** Alvin A. Arens, Randal J. Elder, Mark S. Beasley
- **Publisher:** Pearson
- **Edition:** 17th Edition, 2019

2. Principles of Auditing and Other Assurance Services"

- **Authors:** Ray Whittington, Kurt Pany
- **Publisher:** McGraw-Hill Education
- **Edition:** 21st Edition, 2020

3. Auditing: A Risk-Based Approach to Conducting a Quality Audit

- **Authors:** Karla M. Johnstone, Audrey A. Gramling, Larry E. Rittenberg
- **Publisher:** Cengage Learning
- **Edition:** 11th Edition, 2018

4. Modern Auditing: Assurance Services and the Integrity of Financial Reporting

- **Authors:** William C. Boynton, Raymond N. Johnson, and Walter G. Kell
- **Publisher:** Wiley
- **Edition:** 8th Edition, 2005

5. Auditing and Assurance

- **Authors:** CA Pankaj Garg
- **Publisher:** Taxmann Publications
- **Edition:** Latest Edition, frequently updated for Indian context

11	Internal Continuous Assessment: 40%	Semester End Examination: 60%	
12	Continuous Evaluation through:		
	Sub-components	Maximum Marks	Conditions for passing
	1) Assignment/Case Studies/Project/Field Visit	15	A learner must be present for each of the sub-components.
	2) Presentation/Book Review/Research Paper Report	15	
	3) MCQ Based Test	10	
	Total	40	

13	Format of Question Paper:	
	Semester End Examination Question Paper Pattern	
	Maximum Marks: 60 Duration: 2 Hours All Questions are Compulsory Carrying 15 Marks each.	
	Question No	Particular
	Q-1	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions
Q-2	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions	
Q-3	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions	
Q-4	Attempt the following: (Any 2 out of 4) a. Theory/ Practical Questions b. Theory/ Practical Questions c. Theory/ Practical Questions d. Theory/Practical Questions	
	15 Marks	
	15 Marks	
	15 Marks	
	15 Marks	

Signatures of Team Members

Sr. No	Name	Signature
1.	Mr. Murugan Nadar	
2.	Mr. Mubeen Shaikh	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce
(Autonomous)



Title of the Course: Security Analysis and Portfolio Management

Programme: Bachelor of Commerce (Accounting & Finance)

Semester: V

Syllabus for 4 Credit Course
from the Academic Year 2025-2026

Name of the Course: Security Analysis and Portfolio Management

Sr. No.	Heading	Particulars
1	Description the course:	Security Analysis and Portfolio Management (SAPM) is a comprehensive course designed to provide students with in-depth knowledge and skills in evaluating securities and managing investment portfolios. The course covers a wide range of topics, including the theoretical framework of the investment environment, tools, and techniques for analyzing individual securities, as well as strategies for constructing and managing a diversified investment portfolio. Through a blend of theory and practical application, students will learn to make informed investment decisions based on rigorous analysis and strategic thinking.
2	Vertical:	Major
3	Type:	Practical
4	Credit:	4 Credits
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation: 40 Semester-End Examination: 60
7	Course Objectives:	<ol style="list-style-type: none"> 1. To equip learners with the necessary tools and knowledge to make informed investment decisions 2. To equip students with analytical skills to evaluate macroeconomic factors, industry life cycles, and company financials to assess investment potential and risks effectively 3. To equip students with the skills and tools to analyze market trends, interpret chart patterns, and use mathematical indicators to forecast future price movements. 4. To understand the Efficient Market Hypothesis (EMH) and its implications for investing, as well as to explore the Capital Asset Pricing Model (CAPM) and Arbitrage Pricing Theory (APT) as tools for estimating expected returns and assessing risk
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Learner will able to Learn the principles of portfolio valuation and the methods used to measure the worth of investments. 2. Learner will able to Learn to perform a detailed analysis of company financial statements to understand financial health, stability, and growth potential. 3. Gain a comprehensive understanding of the meaning and principles of technical analysis, including its assumptions and applications in financial markets. 4. Learner will able to understand the fundamental concepts of portfolio theory, including the risk-return trade-off and portfolio diversification.

9	<p>Module 1: Portfolio Management – An Introduction & Process (15 Hours)</p> <ul style="list-style-type: none"> • Portfolio Management – Meaning, Evolution, Phases, Role of Portfolio Managers, Advantages of Portfolio Management. Investment Environment in India and factors conducive for investment in India. Valuation Portfolio Revision – Meaning, Need, Constraints and Strategies. • Portfolio Analysis – Meaning and its Components, Calculation of Expected Return and Risk, Calculation of Covariance, Risk – Return Trade off. Portfolio Selection – Meaning, Feasible Set of Portfolios, Efficient Set of Portfolios, Selection of Optimal Portfolio, Markowitz Model, Limitations of Markowitz Model, Measuring Security Return and Portfolio Return and Risk under Single Index Model and Multi Index Model. 2 • Portfolio Evaluation – Meaning, Need, Measuring Returns (Sharpe, Treynor and Jensen Ratios) and Decomposition of Performance.
	<p>Module 2: Fundamental Analysis (15 Hours)</p> <ul style="list-style-type: none"> • Economy Analysis – Meaning, Framework, Economic Analysis, Forecasting, Barometric or Indicator Approach, Econometric Model Building and Opportunistic Model Building. • Industry Analysis – Concept of Analysis, Industry Life Cycle, Industry Characteristics • Company Analysis – Financial Statements, Analysis of Financial Statements, (Practical questions on Debt equity ratios, total debt ratio, proprietary ratios, interest coverage ratio, Profitability ratios related to sales, investment and equity shares Efficiency or Activity Ratios) and Assessment of risk (Leverages)
	<p>Module 3 : Technical Analysis (15 Hours)</p> <ul style="list-style-type: none"> • Theory - Dow Theory Meaning and Principles of Technical Analysis • Chart - Bar Chart, Japanese Candlestick Chart, Price Chart, Line Chart, Trends and Trend Reversals, Chart Patterns, Support and Resistance, Reversal Patterns, Continuation Patterns and Elliot Wave Theory • Mathematical Indicators – Calculation of Moving Averages (Simple and Exponential Moving Average), Oscillators and Relative Strength Index Market Indicators Fundamental Analysis V/s Technical Analysis
	<p>Module 4 : Efficient Market Theory & CAPM (15 Hours)</p> <ul style="list-style-type: none"> • Theory -Random Walk Theory The Efficient Market Hypothesis Forms of Market Efficiency Competitive Market Hypothesis • CAPM – Fundamental Notions of Portfolio Theory, Assumption of CAPM, Efficient Frontier with Riskless Lending and Borrowing, Capital Market Line, Security Market Line and Pricing of Securities with CAPM. • Arbitrage Pricing Theory (APT) – The Return Generating Model, Factors Affecting Stock Return, Expected Return on Stock, APT V/s CAPM

10 Reference Books:

1. **"Security Analysis and Portfolio Management"**
 - **Authors:** Donald E. Fischer and Ronald J. Jordan
 - **Publisher:** Pearson Education
 - **Year:** 1995 (9th Edition)
2. **"Investments"**
 - **Authors:** Zvi Bodie, Alex Kane, and Alan J. Marcus
 - **Publisher:** McGraw-Hill Education
 - **Year:** 2017 (11th Edition)
3. **"Security Analysis"**
 - **Authors:** Benjamin Graham and David Dodd
 - **Publisher:** McGraw-Hill Education
 - **Year:** 1934 (Original), 2008 (6th Edition)
4. **"Modern Portfolio Theory and Investment Analysis"**
 - **Authors:** Edwin J. Elton, Martin J. Gruber, Stephen J. Brown, and William N. Goetzmann
 - **Publisher:** Wiley
 - **Year:** 2014 (9th Edition)
5. **"Investment Analysis and Portfolio Management"**
 - **Authors:** Frank K. Reilly and Keith C. Brown
 - **Publisher:** Cengage Learning
 - **Year:** 2011 (10th Edition)
6. **"Fundamentals of Investments: Valuation and Management"**
 - **Authors:** Charles J. Corrado and Bradford D. Jordan
 - **Publisher:** McGraw-Hill Education
 - **Year:** 2020 (9th Edition)
7. **"Portfolio Management"**
 - **Author:** Prasanna Chandra
 - **Publisher:** McGraw-Hill Education India
 - **Year:** 2012

11	Internal Continuous Assessment: 40%	Semester End Examination: 60%	
12	Continuous Evaluation through:		
	Sub-components	Maximum Marks	Conditions for passing
	1) Assignment/Case Studies/Project/Field Visit	15	A learner must be present for each of the sub-components.
	2) Presentation/Book Review/Research Paper Report	15	
	3) MCQ Based Test	10	
	Total	40	

13

Format of Question Paper:**Semester End Examination Question Paper Pattern****Maximum Marks: 60****Duration: 2 Hours****All Questions are Compulsory Carrying 15 Marks each.**

Question No	Particular	Marks
Q-1	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks
Q-2	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks
Q-3	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks
Q-4	Attempt the following: a. Full Length Practical Question OR b. Theory/ Practical Questions c. Theory/Practical Questions	15 Marks 08 Marks 07 Marks

Note: Questions of 7/8 marks (Practical/theory) may also be divided as 2 questions of 10/5 marks (Practical/theory) or 1 full length question (Practical/theory) of 15 marks.

Signatures of Team Members

Sr. No	Name	Signature
1.	Mr. Murugan Nadar	
2.	Mr. Mubeen Shaikh	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce
(Autonomous)



Title of the Course: Direct Tax
Programme: Bachelor of Management

Semester: V

Syllabus for 4 Credit Course
from the Academic Year 2024-2025

Name of the Course: Direct Tax

Sr. No.	Heading	Particulars
1	Description the course:	This course in Direct Taxation is designed to provide learners with a comprehensive understanding of the principles, regulations, and applications of direct taxes. Learners will delve into the various aspects of direct taxation, including income tax, wealth tax, and other related taxes. The course aims to equip learners with the knowledge and skills necessary to navigate the complexities of direct tax laws, compliance, and planning.
2	Vertical:	Major Electives
3	Type:	Practical
4	Credit:	4 Credits
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation: 40 Semester-End Examination: 60
7	Course Objectives:	<ol style="list-style-type: none"> 1. To understand crucial definitions within tax law and the concept of residential status as it pertains to tax liability. 2. To explore the taxation of income generated from Salary, House Property and Profit & Gain from Business and Profession. 3. To explore the taxation of income generated from Capital gain, Income from other sources and enable individuals, tax professionals, and financial planners to identify and maximize the deductions available. 4. To understand the components that constitute total income, the process of aggregation of various incomes and the application of deductions and exemptions to arrive at the gross total income and taxable income.
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Learners will able to determine the residential status of individuals and entities and understand its significance in taxation. 2. Learners will able to determine income from Salary, House Property and Profit & Gain from Business and Profession. 3. Learners will able to compute income from Capital gain, Income from other sources and Deductions as per Income Tax Act. 4. Learners will able to apply deductions and exemptions to calculate the taxable income.
9	Module 1: Definitions and Residential Status	(15 Hours)
	<ul style="list-style-type: none"> • Basic Terms (S. 2,3,4) (Assessee, Assessment, Assessment Year, Annual Value, Business, Capital Assets, Income, Previous Year, Person, Transfer.) • Determination of Residential Status of Individual (Practical Sums) • Scope of Total Income (S.5) (Practical Sums) 	
	Module 2: Heads of Income – I	(15 Hours)
	<ul style="list-style-type: none"> • Salary (S.15-17) (Practical Sums) • Income from House Property (S. 22-27) (Practical Sums) 	

	<ul style="list-style-type: none"> Profit & Gain from Business and Profession(S. 28, 30,31,32, 35, 35D,36,37, 40, 40A and 43B) (Practical Sums) 		
	Module 3: Heads of Income – II and Deductions (15 Hours)		
	<ul style="list-style-type: none"> Capital Gain (S.45, 48, 49, 50 and 54) (Practical Sums) Income from other sources (S.56 - 59) (Practical Sums) Deductions from Total Income (S. 80C, 80CCC, 80D, 80DD, 80E, 80U, 80TTA) 		
	Module 4 Computation of Taxable Income of Individuals (15 Hours)		
	<ul style="list-style-type: none"> Income Tax rate Taxable income of Individual (Practical Sums) Taxable income of HUF (Practical Sums) 		
10	Reference Books: <ol style="list-style-type: none"> Ahuja, Girish & Gupta, Ravi: Taxation of Capital Gains. (15th) Haryana. Wolters Kluwer, 2018 Ahuja& Gupta, Systematic Approach to Direct Tax ,Bharat Law House ,48th Edition ,2023 Chamber of Tax Consultants: Faqs on LLP. New Delhi. Taxmann Publications Pvt Ltd., 2017 Dr .V.K. Singhania , Income Tax Ready Recknoner ,Taxman,11th Edition,2023 Singhania,Vinod K & Singhania, Kapil: Direct Taxes Law & Practice. [With Special Reference to Tax Planning] (60th) New Delhi. Taxmann Publications Pvt Ltd., 2018 T.N. Manoharan Direct Tax Laws ,Snow White ,2023 V.K. Singhania ,Direct Taxes Law & Practice ,Taxman , 2023 		
11	Internal Continuous Assessment: 40%	Semester End Examination: 60%	
12	Continuous Evaluation through:		
	Sub-components	Maximum Marks	Conditions for passing
	1) Assignment/Case Studies/Project/Field Visit	15	A learner must be present for each of the sub-components.
	2) Presentation/Book Review/ Research Paper Report	15	
	3) MCQ Based Test	10	
	Total	40	

13

Format of Question Paper:**Semester End Examination Question Paper Pattern****Maximum Marks: 60****Duration: 2 Hours****All Questions are Compulsory Carrying 15 Marks each.**

Question No	Particular	Marks
Q-1	Attempt the following: a) Full Length Practical Question OR b) Theory/ Practical Questions c) Theory/Practical Questions	15 Marks 08 Marks 07 Marks
Q-2	Attempt the following: a) Full Length Practical Question OR b) Theory/ Practical Questions c) Theory/Practical Questions	15 Marks 08 Marks 07 Marks
Q-3	Attempt the following: a) Full Length Practical Question OR b) Theory/ Practical Questions c) Theory/Practical Questions	15 Marks 08 Marks 07 Marks
Q-4	Attempt the following: a) Full Length Practical Question OR b) Theory/ Practical Questions c) Theory/Practical Questions	15 Marks 08 Marks 07 Marks

Note: Questions of 7/8 marks (Practical/theory) may also be divided as 2 questions of 10/5 marks (Practical/theory) or 1 full length question (Practical/theory) of 15 marks.

Signatures of Team Members

Sr. No	Name	Signature
1.	Mr. Murugan Nadar	
2.	Mr. Mubeen Shaikh	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce (Autonomous)



Knowledge is Supreme

**Programmes: Bachelor of Commerce (Accounting & Finance)
Bachelor of Commerce (Banking & Insurance)
Bachelor of Commerce (Financial Markets)**

Title of the Course: Brand Management, Semester V

Syllabus for 4 credits

From the Academic Year 2026 - 2027

Name of the Course: Brand Management

Sr. No.	Heading	Particulars
1.	Description the course:	Brand management is a function of marketing that uses techniques to increase the perceived value of a product line or brand over time. Effective brand management enables the price of products to go up and builds loyal customers through positive brand associations and images or a strong awareness of the brand.
2.	Vertical	Minor
3.	Type:	Theory
4.	Credit:	4 credits
5.	Hours Allotted:	60 Hours
6.	Marks Allotted:	100 Marks Continuous Evaluation 40 Marks Semester End Examination 60 Marks
7.	Course Objectives:	<ol style="list-style-type: none">1. To provide foundational knowledge of brands, branding, and brand management and their role in marketing.2. To understand the strategic process of brand building, including brand positioning and the development of brand marketing programs.3. To develop the ability to measure and evaluate brand performance using qualitative, quantitative, and valuation techniques.4. To enable learners to design strategies to grow and sustain brand equity through brand architecture, extensions, and long-term brand management.

8

Course Outcomes: After completing this course, learners will be able to:

1. Explain the concepts of brand, branding, and brand equity and differentiate brands from products.
2. Apply the CBBE model and use brand positioning and brand-building techniques to develop branding strategies.
3. Analyze and evaluate brand performance using qualitative and quantitative brand equity measurement tools and valuation models.
4. Design and propose branding strategies for sustaining brand equity through brand architecture, brand extensions, and long-term brand management practices.

9

Modules

Module 1: Introduction to Brand Management (15 Hours)

- Introduction to Brand Management: Meaning of Brand, Branding, Brand Management, Importance of Branding to Consumers, Firms, Brands v/s Products, Scope of Branding, Branding Challenges and opportunities.
- Strategic Brand Management Process, Customer Based Brand Equity model (CBBE), Sources of Brand Equity, Steps of Brand Building including Brand Building Blocks.
- Brand Positioning: Meaning, Importance, Basis.

Module 2: Planning and Implementing Brand Marketing Programs (15 Hours)

- Planning and Implementing Brand Marketing Programs: Brand Elements: Meaning, Criteria for choosing Brand Elements, Types of Brand Elements, Integrating Marketing Programs and Activities
- Personalizing Marketing: Experiential Marketing, One to One Marketing, Permission Marketing, Product Strategy: Perceived Quality and Relationship Marketing
- Pricing Strategy: Setting Prices to Build Brand Equity, Channel Strategy: Direct, Indirect Channels, Promotion Strategy: Developing Integrated Marketing Communication Programs, Leveraging Secondary Brand Associations to Build Brand Equity: Companies, Countries, Channel of Distribution, Co-branding, Characters, Events

Module 3: Measuring and Interpreting Brand Performance (15 Hours)

- The Brand Value Chain b) Measuring Sources of Brand Equity: Qualitative Research Techniques: Projective Techniques: Completion, Comparison, Brand Personality and Values: The Big Five, Free Association
- Quantitative Research Techniques: Brand Awareness: Recognition, Recall, Brand Image, Brand Responses c) Young and Rubicam's Brand Asset Valuator d) Measuring Outcomes of Brand Equity
- Comparative Methods: Brand based Comparative Approaches, Marketing Based Comparative Approaches, Conjoint Analysis, Holistic Methods: Residual Approaches, Valuation

Approaches: Historical Perspectives and Inter-brand's Brand Valuation Methodology

Module 4: Growing and Sustaining Brand Equity (15 Hours)

- Designing & Implementing Branding Strategies: Brand Architecture: Meaning of Brand Architecture, The Brand-Product Matrix, Breadth of a Branding Strategy, Depth of a Branding Strategy
- Brand Hierarchy: Meaning of Brand Hierarchy, Building Equity at Different Hierarchy Levels, Cause Marketing to Build Brand Equity: Meaning of Cause Marketing, Advantages, Green Marketing
- Brand Extensions: Meaning, Advantages, Disadvantages, Brand Extension and Brand Equity, Managing Brands over Time: Reinforcing Brands, Revitalizing Brands, Building Global Customer Based Brand Equity

10	<p>Reference Books:</p> <ul style="list-style-type: none"> • Miller, Donald. Building a Story Brand: Clarify Your Message So Customers Will Listen. HarperCollins Leadership, 2017. • Johnson, Michael. Branding: In Five and a Half Steps. Thames & Hudson, 2016. • Keller, Kevin Lane. Strategic Brand Management: Building, Measuring, and Managing Brand Equity. 5th ed., Pearson, 2020. • Neumeier, Marty. The Brand Gap: How to Bridge the Distance Between Business Strategy and Design. 2nd ed., New Riders, 2005. • Sharp, Byron. How Brands Grow: What Marketers Don't Know. Oxford University Press, 2010. • Neumeier, Marty. Zag: The Number One Strategy of High-Performance Brands. New Riders, 2006. • Berger, Jonah. Contagious: How to Build Word of Mouth in the Digital Age. Simon & Schuster, 2013. • Aaker, David, and Erich Joachimsthaler. Brand Leadership: Building Assets in an Information Economy. Free Press, 2000. • Ries, Al, and Jack Trout. Positioning: The Battle for Your Mind. 20th Anniversary ed., McGraw- Hill Education, 2001. • Busche, Laura. The Lean Brand: A Guide to Brand Strategy for Startups. O'Reilly Media, 2014. 													
11	Internal Continuous Assessment: 40%	Semester End Examination: 60%												
12	<p>Continuous Evaluation through: (40 Marks)</p> <table border="1"> <thead> <tr> <th></th> <th>Total Marks</th> </tr> </thead> <tbody> <tr> <td>Assignment/Project Work/Presentation/Case Study</td> <td>20</td> </tr> <tr> <td>Class Test</td> <td>20</td> </tr> <tr> <td>Total</td> <td>40</td> </tr> </tbody> </table> <p style="text-align: center;">A learner must be present for each of the sub-components.</p>			Total Marks	Assignment/Project Work/Presentation/Case Study	20	Class Test	20	Total	40				
	Total Marks													
Assignment/Project Work/Presentation/Case Study	20													
Class Test	20													
Total	40													
13	<p>Format of Question Paper: for the final examination</p> <p style="text-align: center;">Question Paper Pattern for Semester End Examination (SEE) Maximum Marks: 60 Duration: 2 Hour</p> <table border="1"> <thead> <tr> <th>Q. No.</th> <th>Particular</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Q-1</td> <td>Attempt any TWO the following: (Module 1) A. Full Length Question B. Full Length Question C. Full Length Question</td> <td>15 Marks</td> </tr> <tr> <td>Q-2</td> <td>Attempt any TWO the following: (Module 2) A. Full Length Question B. Full Length Question C. Full Length Question</td> <td>15 Marks</td> </tr> <tr> <td>Q-3</td> <td>Attempt any TWO the following: (Module 3) A. Full Length Question B. Full Length Question C. Full Length Question</td> <td>15 Marks</td> </tr> </tbody> </table>		Q. No.	Particular	Marks	Q-1	Attempt any TWO the following: (Module 1) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks	Q-2	Attempt any TWO the following: (Module 2) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks	Q-3	Attempt any TWO the following: (Module 3) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q. No.	Particular	Marks												
Q-1	Attempt any TWO the following: (Module 1) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks												
Q-2	Attempt any TWO the following: (Module 2) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks												
Q-3	Attempt any TWO the following: (Module 3) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks												

	Q-4	Attempt any TWO the following: (Module 4) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
		Note: Any of the full length question of 7.5 Marks can be a case study.	

Signature of Team Members

Sr. No.	Name	Signature
1	Dr. Sadhana Venkatesh	
2	Ms. Jyoti Ghosh	
3	Ms. Shalini Clayton	
4	Ms. Ashiyana Shaikh	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce (Autonomous)



**Programmes: Bachelor of Commerce (Accounting & Finance)
Bachelor of Commerce (Banking & Insurance)
Bachelor of Commerce (Financial Markets)**

Title of the Course: Training and Development, Semester V

Syllabus for 4 credits

From the Academic Year 2026 - 2027

Name of the Course: Training and Development

Sr. No.	Heading	Particulars
1	Description the course:	This course provides an understanding of the principles, processes, and practices involved in employee training and development within organizations. Learners will study training needs analysis, training methods, management development programs, and talent and performance management. The course emphasizes how systematic training enhances employee performance, supports organizational growth, and contributes to strategic human resource development.
2	Vertical:	Minor
3	Type:	Theory
4	Credit:	4 credits
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation 40 Marks Semester End Examination 60 Marks
7	Course Objectives:	<ol style="list-style-type: none"> 1. Understand the fundamental concepts, need, and scope of training and development in organizations. 2. Identify and analyze training needs and outline the steps involved in designing effective training programs. 3. Explain various development techniques including career development, counselling, and change management. 4. Evaluate management development programs and performance measurement systems to ensure organizational efficiency.
8	Course Outcomes:	<p>After completing this course, learners will be able to:</p> <ol style="list-style-type: none"> 1. Define and describe the concept, scope, features, objectives and importance of training within an organization 2. Explain the process of training and the steps involved in planning and conducting training programs. 3. Analyze job competencies and determine training needs using Person, Task and Organization Analysis. 4. Differentiate between On-the-job and Off-the-job training methods and select appropriate methods based on training objectives.

9	Modules
	Module 1: Overview of Training (15 Hours)
	<ul style="list-style-type: none"> • Overview of training– concept, scope, importance, objectives, features, need and assessment of training. • Process of Training–Steps in Training, identification of Job Competencies, criteria for identifying Training Needs (Person Analysis, Task Analysis, Organisation Analysis), Types–On the Job &Off the Job Method. • Assessment of Training Needs, Methods & Process of Needs Assessment. Criteria &designing-Implementation– an effective training program.
	Module 2: Overview of Development (15 Hours)
	<ul style="list-style-type: none"> • Overview of development– concept, scope, importance & need and features, Human Performance Improvement • Counselling techniques with reference to development employees, society and organization. • Career development– Career development cycle, model for planned self-development, succession planning. Change Management
	Module 3: Concept of Management Development (15 Hours)
	<ul style="list-style-type: none"> • Concept of Management Development. • Process of MDP. • Programs &methods, importance, evaluating a MDP •
	Module 4: Performance measurement, Talent management & Knowledge management (15 Hours)
	<ul style="list-style-type: none"> • Performance measurements– Appraisals, pitfalls &ethics of appraisal. • Talent management –Introduction ,Measuring Talent Management, Integration & future of TM, Global TM &knowledge management— OVERVIEW -Introduction: History, Concepts, • Knowledge Management: Definitions and the Antecedents of KM Information Management to Knowledge Management , Knowledge Management: What Is and What Is Not?, Three stages of KM, KM Life Cycle

10	References: <ul style="list-style-type: none"> • Blanchard, P. N., & Thacker, J. W. (2013). *Effective training: Systems, strategies, and practices* (5th ed.). Pearson. • Cummings, T. G., & Worley, C. G. (2018). *Organization development and change* (11th ed.). Cengage Learning. • Dalkir, K. (2017). *Knowledge management in theory and practice* (3rd ed.). MIT Press. • Kirkpatrick, D. L., & Kirkpatrick, J. D. (2006). *Evaluating training programs: The four levels* (3rd ed.). Berrett-Koehler Publishers. • Mumford, A. (1997). *Handbook of management development* (4th ed.). Gower. • Noe, R. A. (2020). *Employee training and development* (8th ed.). McGraw-Hill Education. • Nonaka, I., & Takeuchi, H. (1995). *The knowledge-creating company: How Japanese companies create the dynamics of innovation*. Oxford University Press. • Schiemann, W. A. (2014). *Reinventing talent management: How to maximize performance in the new marketplace*. HarperCollins Business. • Ulrich, D., Brockbank, W., Johnson, D., Sandholtz, K., & Younger, J. (2012). *HR competencies: Mastery at the intersection of people and business*. Society for Human Resource Management. 										
11	Internal Continuous Assessment: 40%	Semester End Examination: 60%									
12	Continuous Evaluation through: (40 Marks) <table border="1"> <thead> <tr> <th></th> <th>Total Marks</th> </tr> </thead> <tbody> <tr> <td>Assignment/Project Work/Presentation/Case Study</td> <td>20</td> </tr> <tr> <td>Class Test</td> <td>20</td> </tr> <tr> <td>Total</td> <td>40</td> </tr> </tbody> </table> <p style="text-align: center;">A learner must be present for each of the sub-components.</p>				Total Marks	Assignment/Project Work/Presentation/Case Study	20	Class Test	20	Total	40
	Total Marks										
Assignment/Project Work/Presentation/Case Study	20										
Class Test	20										
Total	40										
14	Format of Question Paper: for the final examination Question Paper Pattern for Semester End Examination (SEE) Maximum Marks: 60 Duration:2 Hour <table border="1"> <thead> <tr> <th>Q. No.</th> <th>Particular</th> <th>Marks</th> </tr> </thead> </table>			Q. No.	Particular	Marks					
Q. No.	Particular	Marks									

Q-1	Attempt any TWO the following: (Module 1) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q-2	Attempt any TWO the following: (Module 2) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q-3	Attempt any TWO the following: (Module 3) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q-4	Attempt any TWO the following: (Module 4) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Note: Any of the full length question of 7.5 Marks can be a case study.		

**Signatures of Team
Members**

Sr. No	Name	Signature
1.	Dr. Sadhana Venkatesh	
2.	Ms. Jyoti Ghosh	
3.	Ms. Shalini Clayton	
4.	Ms. Ashiyana Shaikh	

As Per NEP 2020

Tolani College of Commerce (Autonomous)



Knowledge is Supreme

Programmes:

**Bachelor of Commerce (Management Studies)
Bachelor of Commerce (Financial Markets)
Bachelor of Commerce (Accounting & Finance)
Semester - V**

Title of the Course: Risk Management in Banking

**Syllabus for 4 Credit Course
From the Academic Year 2026 – 2027**

Name of the Course: Risk Management in Banking

Sr. No.	Heading	Particulars
1	Description of the course:	Risk Management in Banking is the process of identifying, assessing and mitigating risk, that impacts banks financial stability and reputation
2	Vertical:	Minor (Banking and Insurance)
3	Type:	Theory
4	Credit:	4 Credits
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation 40 Marks Semester End Examination 60 Marks
7	Course Objectives:	<ol style="list-style-type: none"> 1. To develop a detail understanding of the fundamental concepts of risk and risk management. 2. To develop a detail understanding of Interest Rate Risk and Market Risk 3. To develop a detail understanding of Credit Risk and Liquidity Risk 4. To understand the types of risk faced by banks and the processes followed by banks for managing and mitigating risks.
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Learners will be able to develop a detail understanding of the fundamental concepts of risk and risk management. 2. Learners will be able to develop a detail understanding of Interest Rate Risk and Market Risk 3. Learners will be able to develop a detail understanding of Credit Risk and Liquidity Risk 4. Learners will be able to understand the types of risk faced by banks and the processes followed by banks for managing and mitigating risks.
9	Modules	
	Module I: Introduction to Risk Management (15 Hours)	
	<ul style="list-style-type: none"> • Concept of Risk • Types of Risk • Risk Management Strategies • Basics of Operational Risk: Sources and Impact 	
	Module II: Interest Rate Risk and Market Risk (15 Hours)	
	<ul style="list-style-type: none"> • Interest Rate Risk Management: Concept, Source, Interest Rate Risk and Credit Risk, Managing Interest Rate Risk • Market Risk Management: Market Risk and its Types. • Calculating Market Risk Exposures, Inflation and Exchange Rates 	
	Module III: Credit Risk and Liquidity Risk (15 Hours)	
	<ul style="list-style-type: none"> • Credit Risk Management: Credit Risk Exposures, Types, Managing Credit Risk • Management of Non-Performing Assets (NPAs): Definition, Concept and Categorization of NPAs • Liquidity Risk 	
	Module IV: Sovereign Risk and Insolvency Risk (15 Hours)	
	<ul style="list-style-type: none"> • Sovereign Risk Events • Evaluation of Sovereign Risk 	

10

References Books:

1. Reserve Bank of India. (2025). Handbook on Risk Management Systems in Banks. RBI Publications.
2. Kumar, R., & Mehta, A. (2025). Enterprise Risk Management in Financial Institutions. McGraw Hill Education.
3. Vohra, A., & Gupta, N. (2024). Risk Analytics and Compliance in Banking. Pearson Education.
4. Patil, S. R. (2024). Integrated Risk Management in Indian Banking Sector. Himalaya Publishing House.
5. Jorion, P. (2023). Financial Risk Manager Handbook. Wiley Finance.
6. Singh, H., & Kaur, M. (2023). Credit and Market Risk Management in Banks. Taxmann Publications.
7. Hull, J. C. (2023). Risk Management and Financial Institutions (5th ed.). Wiley India.
8. Bhole, L. M., & Mahakud, J. (2022). Financial Institutions and Markets: Structure, Growth and Innovations. Tata McGraw Hill.
9. Mishra, S. K. (2022). Risk and Insurance Management in Banks and Financial Institutions. Himalaya Publishing House.
10. Arner, D. W., Barberis, J., & Buckley, R. P. (2022). Fintech, Regtech and Risk Management. Oxford University Press.
11. L. Gopinathan. (2021). Risk Management in Banking: Theory and Practice. Himalaya Publishing House.
12. S. K. Bhattacharya. (2021). Banking and Finance Risk Management: A Comprehensive Guide. McGraw Hill.
13. Tapan K. Purohit. (2021). Principles of Banking and Risk Management. Himalaya Publishing House.
14. Rama Subramaniam. (2020). Bank Risk Management: Challenges and Strategies. Excel Books.
15. Raghuram Rajan. (2020). Advanced Risk Management Techniques in Banking. Oxford University Press.

Evaluation Pattern

Continuous Evaluation: 40%
Semester End Examination: 60%

The Continuous evaluation will consist of

	Total Marks
Class Test/ Assignment/Project Work/Presentation/Case Study/ Book Review	40

Attendance is Compulsory for Online MCQ (Objective) Test

Semester End Examination Question Paper Pattern

Maximum Marks: 60

Duration: 2 Hours

All Questions are Compulsory Carrying 15 Marks each.

Q. No.	Particular	Marks
Q-1	Attempt any Two of the following: (Module – 1) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q-2	Attempt any Two of the following: (Module – 2) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q-3	Attempt any Two of the following: (Module – 3) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q-4	Attempt any Two of the following: (Module – 4) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks

Signature of Team Members

Sr. No.	Name	Signature
1	Ms. Disha Wadhwa	
2	Ms. Jyoti Singh	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce (Autonomous)



Knowledge is Supreme

Programmes: (Semester V)	
1	Bachelor of Commerce (Management Studies)
2	Bachelor of Commerce (Accounting & Finance)
3	Bachelor of Commerce (Banking & Insurance)

Title of the Course: Introduction to Commodities and Derivatives Market

Syllabus for 4 Credits

From the Academic Year: A.Y. 2026 - 2027

Name of the Course: Introduction to Commodities and Derivatives Market

Sr. No.	Heading	Particulars
1	Description of the Course:	This course introduces the basics of commodity markets and financial derivatives. It explains how commodity exchanges work, the role of institutions, and the growth of the Indian commodity market. Students also learn about derivatives such as forwards, futures, and options, and how they are used for trading and managing financial risk.
2	Vertical:	Minor
3	Type:	Theory
4	Credit:	4 credits
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation: 40 Marks Semester End: 60 Marks
7	Course Objectives:	<ol style="list-style-type: none"> 1. To provide basic knowledge of commodity markets and their role in the economy. 2. To help students understand the functioning of commodity exchanges and related institutions in India. 3. To introduce financial derivatives and their use in risk management. 4. To develop an understanding of forwards, futures, and options trading concepts.
8	Course Outcomes:	<p>By the end of the course, students will be able to:</p> <ol style="list-style-type: none"> 1. Explain the functioning and importance of commodity markets. 2. Understand the role of exchanges, government, and institutions in developing commodity markets in India. 3. Describe key financial derivatives and their applications in risk management. 4. Identify and differentiate between forwards, futures, and options contracts.

9	Modules:
	Module 1: Introduction to Commodity Market (15 Hours)
	<ul style="list-style-type: none"> • Emergence of Commodity Market • Dynamics of global commodity markets • Indian commodity markets - Current status & future prospects
	Module 2: Strengthening Commodity Markets in India (15 Hours)
	<ul style="list-style-type: none"> • Role of Government Role of Commodity Exchanges • Other Institutions • Training & development of Dealers
	Module 3: Introduction to Financial Derivatives (15 Hours)
	<ul style="list-style-type: none"> • Overview of Financial Derivatives: Definition and types of derivatives, Importance in risk management and speculation, Basic Terminology: Underlying assets, payoff structures, and settlement, Exchange-traded vs. over-the-counter derivatives • Market Participants: Roles of hedgers, speculators, and arbitrageurs, Overview of regulatory frameworks • Derivative Markets: Structure of derivative markets, Key exchanges and trading mechanisms
Module 4: Forward, Futures and Options Contracts (15 Hours)	
<ul style="list-style-type: none"> • Understanding Forward Contracts: Definition and structure, Difference between forwards and futures Open market operations. • Introduction to Futures Contracts: Definition and types of futures, Standardization and contract specifications • Introduction to Options: Call and put options, American vs. European options 	

10	References: <ol style="list-style-type: none"> 1. Chatnani, M. Commodity Markets (1st ed.). Tata McGraw Hill. (2010). 2. Indian Institute of Banking & Finance. Commodity Derivatives. Macmillan India Ltd. (2007). 3. Hull, J. C. Options, futures, and other derivatives (10th ed.). Pearson Education. (2017). 4. Kolb, R. W., & Overdahl, J. A. Financial derivatives: Pricing and risk management (2nd ed.). Wiley. (2017). 5. Tuckman, B., & Serrat, A. Fixed income securities: Tools for today's markets (3rd ed.). Wiley. (2011) 																
11	Internal Continuous Assessment: 40%	Semester End Examination: 60%															
12	Continuous Evaluation through: (40 Marks) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Component</th> <th style="text-align: center;">Total Marks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Class test/ Case study/ Book review/ Assignment/ Report Writing/ Presentation/ Video Presentation</td> <td style="text-align: center;">40 Marks</td> </tr> <tr> <td style="text-align: center;">Total</td> <td style="text-align: center;">40 Marks</td> </tr> </tbody> </table>		Component	Total Marks	Class test/ Case study/ Book review/ Assignment/ Report Writing/ Presentation/ Video Presentation	40 Marks	Total	40 Marks									
Component	Total Marks																
Class test/ Case study/ Book review/ Assignment/ Report Writing/ Presentation/ Video Presentation	40 Marks																
Total	40 Marks																
13	Format of Question Paper: <p style="text-align: center;">Question Paper Pattern for Semester End Examination (SEE)</p> <p style="text-align: center;">Maximum Marks: 60 Duration: 2 Hours</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Q. No.</th> <th style="text-align: center;">Particular</th> <th style="text-align: center;">Marks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Q-1</td> <td> Attempt any TWO the following: (Module 1) A. Full Length Question B. Full Length Question C. Full Length Question </td> <td style="text-align: center;">15 Marks</td> </tr> <tr> <td style="text-align: center;">Q-2</td> <td> Attempt any TWO the following: (Module 2) A. Full Length Question B. Full Length Question C. Full Length Question </td> <td style="text-align: center;">15 Marks</td> </tr> <tr> <td style="text-align: center;">Q-3</td> <td> Attempt any TWO the following: (Module 3) A. Full Length Question B. Full Length Question C. Full Length Question </td> <td style="text-align: center;">15 Marks</td> </tr> <tr> <td style="text-align: center;">Q-4</td> <td> Attempt any TWO the following: (Module 4) A. Full Length Question B. Full Length Question C. Full Length Question </td> <td style="text-align: center;">15 Marks</td> </tr> </tbody> </table> <p>Note : Two Sub-questions of 7.5 Marks each can be of 10 /5 marks or one full length question of 15 Marks</p>		Q. No.	Particular	Marks	Q-1	Attempt any TWO the following: (Module 1) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks	Q-2	Attempt any TWO the following: (Module 2) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks	Q-3	Attempt any TWO the following: (Module 3) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks	Q-4	Attempt any TWO the following: (Module 4) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks
Q. No.	Particular	Marks															
Q-1	Attempt any TWO the following: (Module 1) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks															
Q-2	Attempt any TWO the following: (Module 2) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks															
Q-3	Attempt any TWO the following: (Module 3) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks															
Q-4	Attempt any TWO the following: (Module 4) A. Full Length Question B. Full Length Question C. Full Length Question	15 Marks															

Signatures of Team Members

Sr. No	Name	Signature
1.	Ms. Neha Sawant	
2.	Ms. Anita Jaiswal	

AC –
Item No. –

As Per NEP 2020

Tolani College of Commerce (Autonomous)



Knowledge is Supreme

Programmes:
Bachelor of Commerce (Management Studies)
Bachelor of Commerce (Accounting & Finance)
Bachelor of Commerce (Banking & Insurance)
Bachelor of Commerce (Financial Markets)

Semester V

Title of the Course: Block-Chain Technology

Syllabus for 4 Credits

From the Academic Year 2026-2027

Name of the Course: Block-Chain Technology

Sr. No.	Heading	Particulars
1	Description of the Course :	This course provides a comprehensive understanding of Block chain technology and Cryptocurrencies, exploring their fundamental concepts, architecture, and real-world applications. It introduces cryptographic principles, block chain networks, and smart contracts, followed by detailed insights into Bitcoin, Ethereum, and Hyperledger. Students will learn about mining mechanisms, distributed ledgers, and the legal and economic implications of cryptocurrencies.
2	Vertical :	Minor Basket
3	Type :	Theory
4	Credit:	04
5	Hours Allotted :	60 Hours
6	Marks Allotted:	100 Marks Continuous Evaluation : 20 Semester End : 60
7	Course Objectives: Learner will be able to :	<ol style="list-style-type: none"> 1) Understand the foundational architecture and cryptographic principles of block chain technology. 2) Explore the evolution, protocols, and applications of major cryptocurrencies like Bitcoin and Ethereum. 3) Analyze the structure, mechanics, and legal aspects of Bitcoin in global and Indian contexts. 4) Evaluate blockchain's role in finance, governance, and emerging decentralized applications.
8	Course Outcomes: Learner will be able to :	<ol style="list-style-type: none"> 1) Explain core block chain concepts, components, and network types. 2) Demonstrate knowledge of cryptocurrency protocols, smart contracts, and distributed ledgers. 3) Assess Bitcoin's infrastructure including keys, wallets, transactions, and its use in Indian commerce. 4) Apply block chain solutions to real-world domains such as FinTech, supply chain, and e-governance

9

Modules:-

Module 1: Introduction to Block Chain

(15 Hours)

- Basic ideas behind block chain, how it is changing the landscape of digitalization, introduction to cryptographic concepts
- Basic architecture of Block chain, different terminologies associated, Characteristics of Block chain, Types of networks, Introducing Smart contract concept in Block chain.
- Core components of Block chain, Types of Block chains; Block chain Protocol, Permission & Permission less Block chains

Module 2: Crypto Currency

(15 Hours)

- History, Distributed Ledger, Bitcoin protocols - Mining strategy and rewards, Ethereum Construction, DAO, Smart Contract, GHOST, Vulnerability, Attacks, Side chain, Name coin.
- Stakeholders, Roots of Bitcoin, Legal Aspects-Crypto currency Exchange, Black Market and Global Economy. Applications: Internet of Things, Medical Record Management System, Domain Name Service and future of Block chain for crypto currencies.
- Short History of Money and Trust, Bitcoin Mechanics, Introduction to Ethereum, Introduction to Hyper ledger.

Module 3: Bit Coins

(15 Hours)

- Introduction to Bitcoins, Bitcoin : Digital Signature, Digital Keys, Private Keys, Public Keys
- Bitcoins Addresses, Bitcoins Transactions, Bitcoins Network, Bitcoins Wallets, Bitcoins Payments, Bitcoins Clients and APIs, Bitcoins Limitation.
- Bitcoins in Indian Commerce: Investment options, Legal Status, CDBC Digital Rupee.

Module 4 : Applications and Future of Block Chain and Cryptocurrencies

(15 Hours)

- Use of block chain in banking and finance, role in supply chain management, e-governance
- Integration of block chain in FinTech and Banking operations, de-centralized finance.
- RBI and Government of India on cryptocurrencies. Taxation policies.

10	Reference Books: 1) Block Chain Technology: Concepts and Applications by Kumar Saurabh & Ashutosh Saxena (Author), 2020. 2) Basics of Bitcoins and Block chains by Antony Lewis, 2018. 3) Bit Coins and Cryptocurrency Technologies by Arvind Narayanan.	
11	Internal Continuous Assessment: 40%	Semester End Examination : 60%
12	Continuous Evaluation through: Class Test : 20 Marks Assignment : 20 Marks 40 Marks	
13	<p style="text-align: center;"> Question Paper Pattern for Semester End Examination Maximum Marks: 60 Duration: 2 Hrs. Note: All questions are compulsory. Each question has an internal choice. </p> <p style="text-align: center;"><i>[Refer to Next Page]</i></p>	

Question Number	Nature of Questions		Maximum Marks
1)	Attempt any 3		
	a)		15
	b)		
	c)		
	d)		
	e)		
2)	Attempt any 3		
	a)		15
	b)		
	c)		
	d)		
	e)		
3)	Attempt any 3		
	a)		15
	b)		
	c)		
	d)		
	e)		
4)	Attempt any 3		
	a)		15
	b)		
	c)		
	d)		
	e)		

Signatures of Team Members

Sr.No	Name	Signature
1.	Mr. Deepak Sharma	

Approved by the Academic Council on 27-11-2024 item no. 05

Approved by the BoS in Business Economics on 13-11-2024 item no. 05

As Per NEP 2020

Tolani College of Commerce (Autonomous)



Knowledge is Supreme

Programme: B.Com (wef 2025-2026) B.Com in Management Studies, B.Com in Accounting and Finance, B.Com in Banking and Insurance, B.Com in Financial Markets B.Sc. in Information Technology (wef 2026-2027)

Syllabus for 4 credit Course

Title of the Course: Business Economics (Semester V) : Introduction to International Economics (Trade Theory, Trade Policy and International Monetary Economics)

Sr. No.	Heading	Particulars
1)	Description the course	This course offers a comprehensive exploration of international trade economics, exploring into fundamental theories, policies, and mechanisms that shape global economic interactions. Beginning with an overview of international economics, students will examine key trade theories, the dynamics of tariffs and non-tariff barriers, and the role of economic integration. The course also covers the details of balance of payments, including national income accounting, automatic and policy adjustment mechanisms, and the determinants of exchange rates within the foreign exchange market. By integrating theoretical concepts with real-world examples, this course equips students with a deep understanding of the complexities and challenges of international economic relations.
2)	Programme	B.Com. B.Com in Management Studies, B.Com in Accounting and Finance, B.Com in Banking and Insurance, B.Com in Financial Markets B.Sc. in Information Technology and B.Com in Taxation and Auditing
3)	Semester	V
4)	Course/ Subject	Business Economics: Introduction to International Economics (Trade Theory, Trade Policy and International Monetary Economics)
5)	Vertical:	Minor
6)	Type:	Theory
7)	Credits:	04
8)	Hours Allotted:	60
9)	Marks Allotted:	Total Marks: 100 Continuous Evaluation Marks: 40 Semester End Examination Marks: 60

Course Objectives: By end of this course student should be able to-

- 1) understand the fundamental theories and concepts that underpin international trade.
- 2) examine the impact of tariff and non-tariff barriers on international trade.
- 3) understand the structure and significance of the Balance of Payments and its impact on an open economy.

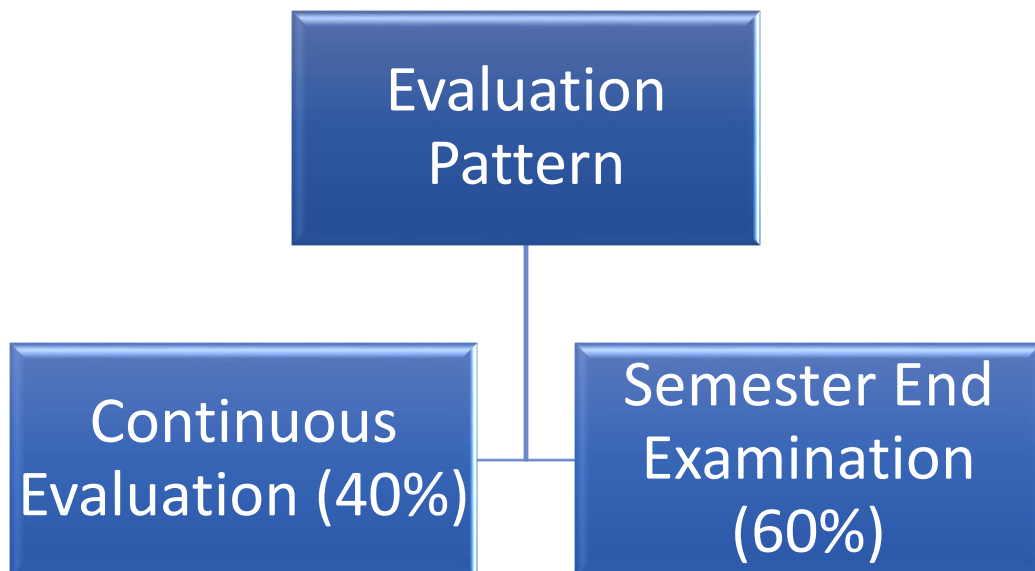
4) explore the mechanisms of exchange rate determination and the functioning of the foreign exchange market.
Course Outcomes: Upon completion of this course students will be able to:
1) explain and apply the different trade theories to analyse international trade patterns.
2) critically evaluate the effects of tariffs on trade between nations, particularly in the context of small economies.
3) analyse the causes of disequilibria in the Balance of Payments and propose measures to address them.
4) how exchange rates are determined and assess the implications of exchange rate fluctuations on international trade.

Module I: Elements of International Trade Theory (15 hours)	
1) Overview of International Economics	<ul style="list-style-type: none"> a) Meaning and subject matter of international economics. b) Importance of international economics. c) Differences between domestic and international trade. d) The globalisation of the world economy.
2) International Trade Theories	<ul style="list-style-type: none"> a) The Theory of Comparative Cost Advantage. b) The Factor Endowments Theory. c) Economies of Scale and International Trade. d) Imperfect Competition and International Trade (Product differentiation, relationship between intra-industry and H-O models and Measuring Intra-Industry Trade).
3) Terms of Trade	<ul style="list-style-type: none"> a) Meaning and Types of Terms of Trade (Net Barter Terms, Gross Barter, Income, Single Factoral, Double Factoral, Real Cost and Utility). b) Factors influencing terms of trade. c) Terms of trade and economic development. d) The Theory of Reciprocal Demand.
Module II: Elements of International Trade Policy (15 hours)	
1) Tariff Barriers	<ul style="list-style-type: none"> a) Tariffs: Meaning and objectives. b) Classification of Tariffs (Basis of levy, objectives and country-wise discrimination). c) Effects of tariffs (Partial equilibrium effects on a small country). d) The Theory of tariff structure (nominal tariff and the effective rate of protection) and the optimum tariff.
2) Non-Tariff Barriers (NTBs)	<ul style="list-style-type: none"> a) Meaning and objectives. b) Classification of NTBs (Quantitative trade restrictions, fiscal measures and others). c) Effects of an import quota (Partial equilibrium effect). d) Quota versus Tariff.
3) Economic Integration	<ul style="list-style-type: none"> a) Meaning and objectives. b) Advantages of economic integration. c) Types of economic integration (Preferential trade agreement, free trade area, customs union, common market, economic union and economic integration). d) Attempts at economic integration: The European Union, United States-Mexico-Canada Agreement (USMCA), BRICS and The Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC).
Module III: Elements of International Monetary Economics: Balance of Payments (15 hours)	
1) National Income Accounting and the Balance of Payments (BOP)	<ul style="list-style-type: none"> a) Gross domestic product and trade balance. b) The balance of payments accounts and its components. c) Deficit/surplus in the BOP. d) Disequilibrium in BOP: Causes, types of disequilibria and measures.

2) Open Economy Macroeconomics: Automatic adjustment mechanism.	<ul style="list-style-type: none"> a) Automatic price adjustment mechanism (under flexible exchange rate system) b) Automatic income adjustment mechanism (The foreign repercussions effect) c) Elasticity approach to the BOP (the 'J' curve effect) d) Monetary approach to BOP (under fixed and flexible exchange rates)
3) Open Economy Macroeconomics: Policy adjustment mechanism.	<ul style="list-style-type: none"> a) Expenditure-changing policy: Fiscal and Monetary Policy (simultaneous internal and external balance under fixed exchange rate and flexible exchange rate). b) Expenditure-switching policy: Devaluation and Revaluation (elasticity and absorption approach). c) The Assignment Problem: The Trevor Swan Model. d) The Assignment Problem (Policy Mix): The Mundell-Fleming Model.
Module IV: Elements of International Monetary Economics: Foreign Exchange Market and Exchange Rate (15 hours)	
1) Foreign Exchange Market	<ul style="list-style-type: none"> a) Meaning, features and functions of foreign exchange market b) Transactions in the foreign exchange market (Spot rate, forward rate, foreign exchange swap, currency swap, foreign exchange futures, options) c) Foreign exchange hedging, arbitrage and speculation d) Equilibrium in foreign exchange market
2) Exchange Rate Determination	<ul style="list-style-type: none"> a) Money, interest and the exchange rate. b) Price level and exchange rate in the long run: The Law of One Price and The Purchasing Power Parity Theory (Absolute and Relative versions). c) The Balance of Payments Theory and the Monetary Model of exchange rate determination. d) The Portfolio Approach or the Asset Market Approach to exchange rate determination.
3) International Monetary System and Exchange Rate Arrangements	<ul style="list-style-type: none"> a) Definition and criteria of classification of exchange rates (fixed, perfectly flexible, fixed but adjustable, foreign exchange rate band, crawling peg, dual exchange rates, managed floating and target zone). b) Monetary System: The Classical Gold Standard, the Inter-War Period, and the Bretton Woods System. c) The European Exchange Rate Mechanism. d) Options for International Monetary Reforms: Optimum Currency Areas, Currency Board Arrangements and Currency Union and Dollarization.

Basic References:

- 1) Moosa, I. (2011). *International finance: An analytical approach* (3rd ed.). Tata McGraw-Hill. New Delhi, India.
- 2) Pal, R. (2022). *International economics: Theory, policy and finance* (1st ed.). Himalaya Publishing House. Mumbai, India.
- 3) Salvatore, D. (2022). *International economics* (13th ed.). Wiley. New Delhi, India.



Continuous Evaluation

(A)
Research Project
(B)
Class Test

**Continues Evaluation Research Project Component
Research Project Rules and Guidelines**

1. Topic Selection

- Choose **one topic only** from the provided list given against your **ROLL NUMBER ONLY**.
- Change in topic will **NOT BE ALLOWED**.

2. Project Format

Each project must include the following sections:

Section	Description
Cover Page	Title, Student Name, Roll Number, Class, College, and Date
Index	List of sections with page numbers
Introduction	Brief background and significance of the topic
Objectives	Clearly state 2–3 aims of your research
Methodology	Mention how you collected data (primary/secondary), sample size, tools used
Data Analysis	Use tables, graphs, or charts to explain findings
Interpretation	Explain your results in simple terms
Conclusion	Summarise key insights; suggest improvements or actions
References	Books, articles, websites (follow proper citation style)
Appendix (if any)	Include survey questionnaires, raw data, etc.

**THE PROJECT REPORT MUST BE HAND WRITTEN IN THE BOOK
LET AUTHORISED BY THE COLLEGE. USE BLUE INK.**

3. Data Collection

- Projects must be based on **real-world examples, data, or observations.**
- Data may be collected through:
 - Online research (reliable websites, economic reports, articles)
 - Small surveys (questionnaire/interview)
 - Case studies (small businesses, startups, etc.)
- Cite all sources properly.

4. Page Limit & Presentation

- **Page Count:** 15 pages (including appendices).
- Ensure **neatness, clarity, and logical flow** of ideas.
- You are free to **affix** relevant pics or draw diagrams.

Question Paper Pattern for Semester End Examination (SEE)

Maximum Marks: 60

Duration: 2 hours.

Note: All questions are compulsory.

			MAX.MARKS
Q.1	a)		(5)
	b)		(5)
	c)		(5)
Q.2	a)		(5)
	b)		(5)
	c)		(5)
Q.3	a)		(5)
	b)		(5)
	c)		(5)
Q.4	a)		(5)
	b)		(5)
	c)		(5)

Note sub-questions a, b and c can be on the following:

- i) Definitions
- ii) Short answers
- iii) Explanatory notes
- iv) Case lets and/or numerical problems requiring use of quantitative and/or qualitative methodology to find solutions.

@@@@@@@@@@@

**AC
Item No.**

As per NEP 2020

Tolani College of Commerce (Autonomous)



Knowledge is Supreme

**Title of the Course: Applied Mathematics - Differential Equations
Semester V**

Programmes:

Bachelor of Commerce (Management Studies)
Bachelor of Commerce (Accounting & Finance)
Bachelor of Commerce (Banking & Insurance)
Bachelor of Commerce (Financial Markets)
Bachelor of Science (Information Technology)

**Syllabus for Four Credit Course
From the academic year – 2026-2027**

Sr. No.	Heading	Particulars
1	Description the course:	<p>Differential equations are mathematical equations that describe how quantities change continuously in relation to one another. A differential equations course introduces students to the theory and techniques for solving these equations.</p> <p>Differential equations provide a challenging yet rewarding subject for students interested in applied mathematics and mathematical modeling.</p> <p>Differential equations have connections with calculus, linear algebra</p>
2	Vertical:	Minor
3	Type:	Theory / Practical
4	Credit:	4 credits (2 credit = 30 Hours for Theory and 30 Hours of Practical work in a semester)
5	Hours Allotted:	60 Hours
6	Marks Allotted:	100 Marks (60 (SE) + 40 (CE))
7	Course Objectives:	<ol style="list-style-type: none"> 1. Develop proficiency in solving various types of differential equations using analytical techniques, such as separation of variables 2. To find the integrating factors, substitution, and undetermined coefficients. 3. Interpret the solutions of differential equations in the context of the real-world phenomena being modeled. 4. To apply the differential equations in various fields
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Students can classify differential equations according to their type, order, linearity, and homogeneity 2. Students can apply differential equations to model 3. Students can solve problems from various disciplines, including physics, engineering, biology, chemistry, economics, and environmental science. 4. Students can correlates the differential equations with the real world problems
9	Modules:-	<p>Module 1: Formation of a differential Equation (15 Hours)</p> <ul style="list-style-type: none"> ● Definition of a differential equation, ● Formation of a differential equation ● Find Order, and degree of a differential equation ● Homogeneous differential equations of first order and first degree Solution of homogeneous equations <p>Module 2. Methods to solve a differential equation (15 Hours)</p> <ul style="list-style-type: none"> ● Solving of a differential equation by Variable Separable method ● Solution of homogeneous equations ● Solution of Non homogeneous equations

	<ul style="list-style-type: none"> ● Solution of Variable separable method 	
	Module 3: Methods to solve a differential equation (15 Hours)	
	<ul style="list-style-type: none"> ● General Solution and Particular Solution of a differential Equation ● Exact differential equation, ● Necessary and sufficient condition to be exact ● Integrating Factor, 	
	Module 4: Methods to solve a differential equation (15 Hours)	
	<ul style="list-style-type: none"> ● Linear Equations ● Methods to solve the linear differential equations ● Non- linear Equations ● Methods to solve the non - linear differential equations 	
10	Reference Books <ul style="list-style-type: none"> ● Bali, N.P. Differential Equations. New Age International Publisher. ● Raisinghania, M.D. Advanced Differential Equations. S. Chand. ● Iyengar, T.K.V. Differential Equations & Vector Calculus. S. Chand. ● O'Regan, Donal. An Introduction to Ordinary Differential Equations. Springer. 	
11	Internal Continuous Assessment: 40%	Semester End Examination: 60%
12	Continuous Evaluation through:	
13	Format of Question Paper: Q. 1 Attempt any Three (15 marks) <ul style="list-style-type: none"> a. b. c. d. Q. 2 Attempt any Three (15 marks) <ul style="list-style-type: none"> a. b. c. d. Q. 3 Attempt any Three (15 marks) <ul style="list-style-type: none"> a. b. c. d. Q. 4 Attempt any Three (15 marks) <ul style="list-style-type: none"> a. b. c. d. 	

Signatures of Team Members

Sr.No	Name	Signature
1.	Ms. Shubha Chaubal	
2.	Ms. Priyanka Malvankar	

**AC
Item No.**

As per NEP 2020

Tolani College of Commerce (Autonomous)



**Title of the Course: Design of Experiments
Semester V**

Programmes:

Bachelor of Commerce (Management Studies)
Bachelor of Commerce (Accounting & Finance)
Bachelor of Commerce (Banking & Insurance)
Bachelor of Commerce (Financial Markets)
Bachelor of Science (Information Technology)

**Syllabus for Four Credit Course
From the academic year – 2026-2027**

Sr. No.	Heading	Particulars
1	Description the course:	Design of Experiments (DOE) is a statistical methodology used to plan, conduct, analyze, and interpret controlled experiments to optimize processes, improve product quality, and reduce variability. DOE is closely connected with other courses in statistics, quality control, process improvement, and industrial engineering
2	Vertical :	Minor
3	Type :	Theory / Practical
4	Credit:	4 credits (2 credit = 30 Hours for Theory and 30 Hours of Practical work in a semester)
5	Hours Allotted :	60 Hours
6	Marks Allotted:	100 Marks (60 (SE) + 40 (CE))
7	Course Objectives: <ol style="list-style-type: none"> 1. Introduce students to the fundamental principles of experimental design, including randomization 2. Students will be familiar of replication, blocking and control 3. Familiarize students with various experimental layouts, such as completely randomized designs, randomized complete block designs 4. To clarify between the Latin squares, and split-plot designs. 	
8	Course Outcomes: <ol style="list-style-type: none"> 1. Students will demonstrate a clear understanding of fundamental principles of experimental design, 2. Expertizing students in randomization, replication, blocking, and control 3. Students will be proficient in selecting and implementing appropriate experimental layouts 4. Drawing of randomized designs, randomized complete block designs, Latin squares, and split-plot designs, based on experimental objectives and constraints. 	
9	Modules:- <p>Module 1: Analysis of Variance(15 Hours)</p> <ol style="list-style-type: none"> 1. Introduction, Uses, One way classification with equal and unequal observations per class 2. Two way classification with one observation per cell 3. Mathematical model, Assumptions, Expectation of variance, 4. Sum of squares, F test, ANOVA table <p>Module 2: Variance of Estimator(15 Hours)</p> <ol style="list-style-type: none"> 1. Least square estimators of parameters 2. Variance of estimators 3. Standard error 4. Confidence limits <p>Module 3: Design of Experiments(15 Hours)</p> <ol style="list-style-type: none"> 1. Concept of Experiments, Experimental units 2. Yield, Block, Replicate, Experimental Error 	

	3. Principle of design of experiments, Randomization and local control 4. Efficiency of design D1 with respect to design D2	
	Module 4: Design of Experiments(RBD) (15 Hours) 1. Mathematical model, Assumptions 2. Expectation of various sum of squares, F Test, ANOVA table 3. Efficiency of Randomized Block Design (RBD) relative to Completely Randomized Design (CRD) 4. Missing plot techniques for one missing observation in case of CRD, RBD, LSD	
10	Reference Books	
	Das, M.N., and N.C. Giri. <i>Design and Analysis of Experiments</i> . New Age International Pvt. Ltd, 1986. Kempthorne, Oscar. <i>Design and Analysis of Experiments</i> . John Wiley & Sons, 2000. Gupta, S.C., and V.K. Kapoor. <i>Fundamentals of Applied Statistics</i> . S. Chand & Co., 2001.	
11	Internal Continuous Assessment: 40%	Semester End Examination : 60%
12	Continuous Evaluation through:	Assignments and Practical
13	Format of Question Paper: Q. 1 Attempt any Three (15 marks) a. b. c. d. Q. 2 Attempt any Three (15 marks) a. b. c. d. Q. 3 Attempt any Three (15 marks) a. b. c. d. Q. 4 Attempt any Three (15 marks) a. b. c. d.	

Signatures of Team Members

Sr. No.	Name	Signature
1	Ms. Shubha Chaubal	
2	Ms. Priyanka Malvankar	

AC –
Item No. –

As Per NEP 2020

**Tolani College of Commerce
(Autonomous)**



Title of the Course: Income Tax Filing Procedures

**Programme: Bachelor of Management Studies,
Bachelor of Commerce (Accounting & Finance),
Bachelor of Commerce (Banking & Insurance) and
Bachelor of Commerce (Financial Markets)**

Semester: V

**Syllabus for 2 Credit Course
From the Academic Year 2025-2026**

Name of the Course: Income Tax Filing Procedures

Sr. No.	Heading	Particulars
1	Description the course:	This course provides a comprehensive guide to the process, principles, and legal framework for filing Income Tax Returns (ITR). Designed for beginners and intermediate learners, it covers everything from the basics of income tax to the practical steps of preparing and submitting returns online. The course explores different ITR forms for individuals, businesses, and various types of incomes, ensuring students can accurately select and complete the correct form for diverse scenarios. Learners will gain hands-on experience with tax calculations, exemptions, and deductions, along with using official tax portals for filing returns. Topics like tax compliance, penalties for non-filing, and dealing with notices from the tax department are also covered, enabling learners to handle ITR filing confidently and responsibly.
2	Vertical:	VSC
3	Type:	Practical
4	Credit:	2 Credits
5	Hours Allotted:	30 Hours
6	Marks Allotted:	50 Marks Continuous Evaluation: 20 Semester-End Examination: 30
7	Course Objectives:	<ol style="list-style-type: none"> 1. Learn to distinguish between various ITR forms and determine the correct form based on an individual's or business's income sources and taxpayer status. 2. Understand the TDS filing process, due dates, and compliance norms, including generating TDS certificates and filing TDS returns.
8	Course Outcomes:	<ol style="list-style-type: none"> 1. Learners will able to Identify and choose the correct ITR form for different taxpayer categories, ensuring compliance with filing requirements. 2. Learners will able to calculate TDS on payments such as salary, rent, interest, and contractor payments and deduct the appropriate amount.
9	Module 1: Income Tax and e-Filing of ITRs	(15 Hours)
		<ul style="list-style-type: none"> • Conceptual Framework- Meaning of e-filing; difference between e-filing and regular filing of returns; benefits and limitations of e-filing; types of e-filing; e-filing process; relevant notifications. • Introduction to income tax – basic terminology; types of assessee; income taxable under different heads; basics of computation of total income and tax liability; deductions available from gross total income; PAN card; due date of filing of income tax return • E-Filing Platforms and Software -Introduction to Official E-Filing Portals (e.g., Income Tax E-Filing Portal, GST Portal), Overview of Popular E-Filing Software and Their Features, How to Choose the Right Platform or Software Based on Filing Needs, Data Security and Privacy in E-Filing Systems

- **Types of Forms** - ITR-1, ITR-2, ITR-3, ITR-4, ITR-4S, ITR-5, ITR-6.

Module 2: Tax Deduction at source (TDS)

(15 Hours)

- **Introduction to TDS** -Basics of TDS and Its Purpose in Taxation, Overview of TDS Regulations and Compliance Importance of TDS in the Indian Tax System Key Concepts: Deductor, Deductee, and Threshold Limits
- **TDS on Various Payments**-TDS on Salary (Section 192) TDS on Interest Payments (Section 194A)TDS on Contractor Payments (Section 194C)TDS on Rent (Section 194I)TDS on Commission and Brokerage (Section 194H)TDS on Professional and Technical Services (Section 194J)Overview of Other Important Sections and Payments Covered under TDS
- **TDS Calculation and Deduction** -Understanding TDS Rates for Different Income Categories Threshold Limits and Exemptions, Calculating TDS on Salary (Including Surcharge and Cess), Practical Scenarios and Examples of TDS Calculation, Common Errors in TDS Calculation and How to Avoid Them
- **TDS Compliance and Filings TDS Return Filing**- Due Dates and Forms (24Q, 26Q, 27Q, etc.), Step-by-Step Guide to TDS Filing Process, TDS Challans (Challan ITNS 281) and Payment Procedures, Generating TDS Certificates (Form 16, 16A) for Deductees, Rectification and Correction of TDS Returns

10 Reference Books:

1. Income Tax Law & Practice

- **Authors:** V.K. Singhania, Monica Singhania
- **Publisher:** Taxmann Publications
- **Year:** Updated annually (latest edition for current assessment year)

2.Systematic Approach to Income Tax

- **Authors:** Dr. Girish Ahuja, Dr. Ravi Gupta
- **Publisher:** Wolters Kluwer
- **Year:** Updated annually for each assessment year

3. Direct Taxes Law & Practice

- **Author:** Dr. Vinod K. Singhania
- **Publisher:** Taxmann Publications
- **Year:** Annual updates, tailored for the current tax year

4.Income Tax Ready Reckoner

- **Authors:** R.N. Lakhotia, Subhash Lakhotia
- **Publisher:** Vision Books
- **Year:** Updated annually for quick reference on tax rules and filing

5.Direct Tax Laws and International Taxation

- **Authors:** T.N. Manoharan, G.R. Hari
- **Publisher:** Snow White Publications
- **Year:** New editions each year in line with tax amendments

11	Internal Continuous Assessment: 40%	Semester End Examination: 60%	
12	Continuous Evaluation through:		
	Sub-components	Maximum Marks	Conditions for passing
	1) Assignment/Case Studies/Project/Field Visit	10	A learner must be present for each of the sub-components.
	2) MCQ Based Test	10	
Total	20		

13	Format of Question Paper:		
	Semester End Examination Question Paper Pattern		
	Maximum Marks: 30		Duration: 1 Hour.
	All Questions are Compulsory Carrying 15 Marks each		
	Question No	Particular	Marks
	Q-1	Attempt the following: a. Theory/ Practical Questions b. Theory/Practical Questions OR c. Theory/ Practical Questions d. Theory/Practical Questions	08 Marks 07 Marks 08 Marks 07 Marks
Q-2	Attempt the following: a. Theory/ Practical Questions b. Theory/Practical Questions OR c. Theory/ Practical Questions d. Theory/Practical Questions	08 Marks 07 Marks 08 Marks 07 Marks	
Note: Questions of 7/8 marks (Practical/theory) may also be divided as 2 questions of 10/5 marks (Practical/theory) or 1 full length question (Practical/theory) of 15 marks.			

Signatures of Team Members

Sr. No	Name	Signature
1.	Mr. Murugan Nadar	
2.	Mr. Mubeen Shaikh	