



AMET
ACADEMY OF MARITIME EDUCATION AND TRAINING
DEEMED TO BE UNIVERSITY
(Under Section 3 of UGC Act 1956)

Department of Maritime Commerce

B.Com (Logistics & Computer Applications)

CBCS CURRICULUM (2020 -21) (Regulation – D1)

VISION AND MISSION OF THE UNIVERSITY

VISION

To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society.

MISSION

AMET will strive continuously to:

- Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality.
- Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends.
- Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education.
- Nurture talent and entrepreneurship and enable all round personality development in students.
- Empower students from across socio economic strata.
- Make a positive difference to society through technical education.

VISION AND MISSION OF DEPARTMENT OF MARITIME COMMERCE

VISION:



MISSION :

- To fully experience the academic opportunity
- To know the importance of academic curriculum offered by the university,
- To explore the educational requirement , educational goals , summer opportunities, career aspirations and extra curricular activities.
- To link the students and the global resources.

**ALIGNING THE DEPARTMENT VISION AND MISSION
WITH THE UNIVERSITY VISION AND MISSION**

| Vision / Mission | AMET (Deemed to be University) | DEPT. OF MARITIME COMMERCE |
|-------------------------|---|--|
| Vision | To sustain identity as a World Class Leader in Maritime Education and empower learners with wholesome knowledge through progressive innovation in training, research and development which will render students a unique learning experience and a transformation impact on the Global Society. | EXPLORE EXPERIENCE ENGAGE EXCEL " AND INCLUDING THE EXCLUDED |
| Mission-1 | Impart value-based higher education and technical knowledge with uncompromising strides of an outstanding quality. | . To impart value based and employment based talent in the field of finance, logistics and information technology to satisfy the industry needs globally |
| Mission-2 | Emerge as a Centre of Excellence inculcating skill development in recent technologies in accordance with industrial trends. | . To inculcate practical skill in the area of recent technologies in par with global standard |
| Mission-3 | Create World class research capabilities on par with the finest in the world and broaden student's horizons beyond classroom education. | To train the students through " on the job training"i.e., going beyond classroom education and make them job server and not job seeker.. |
| Mission-4 | Nurture talent and entrepreneurship and enable all round personality development in students. | To make the students more responsible and successful entrepreneur to face the global competition. |
| Mission-5 | Empower students from across socio economic strata. | To provide education and employability skill to all the socially weaker and backward students in the country.. |
| Mission-6 | Make a positive difference to society through technical education. | To make our students eligible and successful and make them to feel that they are in no way inferior to professional graduates.. |

Program : B.Com (Logistics & Computer Applications)

Program Educational Objectives (PEO's)

The program educational Objective of the Bachelor of Commerce (Computer Applications & Logistics) is to facilitate the students to:

1. Become successful Graduates who are competent, innovative and productive in addressing the needs of the Industry, and pursue higher education and research.
2. Grow professionally with their knowledge and proficient skills throughout their career.
3. Demonstrate high standard of ethical conduct, positive attitude and societal responsibilities.

Program Objectives (PO's)

| POs | Description |
|------------|---|
| PO1 | Critical Thinking: Understanding the concepts of Finance, Logistics and Computer Application, infer the advantages of these concepts through critical thinking |
| PO2 | Effective Communication: To express their views through effective communication and gain the ability to connect to people |
| PO3 | Apply Reasoning: Apply the reasoning power gained through contextual knowledge to asses societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development |
| PO4 | Professional Ethics: Understand the impact of the professional ethics and responsibilities and norms of the business practices and apply ethical principles in business and life |
| PO5 | Environment and Sustailability: Apply the knowledge through sustainable development in any environment |
| PO6 | Effective functioning: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary setting |
| PO7 | Life Long Learning Self Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of environmental change. |

Program Specific Objectives (PSOs)

| PSOs | Description |
|------|---|
| PSO1 | Understand the concepts of Accounting, Finance, Logistics and Computer Applications |
| PSO2 | Analyse the logistics operation in shipping business |
| PSO3 | Determine the scope of employment in logistics, finance and computer application |
| PSO4 | Apply the concepts of Accounting, Finance, Logistics and Computer Applications |

Mapping of PEOs with POs

| S. No | Program Educational Objectives | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
|-------|--|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| 1. | Become successful Graduates who are competent, innovative and productive in addressing the needs of the Industry, or pursue higher education and research. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2. | Grow professionally with their knowledge and proficient skills throughout their career. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3. | Demonstrate high standard of ethical conduct, positive attitude and societal responsibilities. | | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Semester-wise Credits for B.Com Course

| Semester | Credits |
|--------------|------------|
| I | 22 |
| II | 22 |
| III | 23 |
| IV | 25 |
| V | 26 |
| VI | 15 |
| TOTAL | 133 |

B.Com (Logistics & Computer Applications)

(Semester wise)

B.Com - Semester - I

| S.No | Course Code | Course Title | Category | Contact Hours | L | T | P | C |
|------|-------------|--|----------|---------------|---|---|---|-----------|
| 1 | UDBC101 | Fundamentals of Management | PC | 4 | 4 | 0 | 0 | 4 |
| 2 | UDBC102 | Financial Accounting - I | PC | 5 | 4 | 1 | 0 | 4 |
| 3 | UDBC103 | Business Economics | PC | 3 | 3 | 0 | 0 | 3 |
| 4 | UDBC104 | Introduction to Information Technology | PC | 4 | 3 | 1 | 0 | 3 |
| 5 | UDBC1PC | Introduction to Information Technology Lab | PC | 2 | 0 | 0 | 2 | 1 |
| 6 | UDBC105 | Business Mathematics | PC | 4 | 4 | 0 | 0 | 4 |
| 7 | UD1BLE1 | Business English - 1 | EEC | 2 | 2 | 0 | 0 | 2 |
| 8 | UD1LECA | Communication Skills Laboratory-I | EEC | 2 | 0 | 0 | 2 | 1 |
| 9 | UDBA1PB | Personality Development | EEC | 2 | 0 | 0 | 2 | 0 |
| | | TOTAL | | 28 | | | | 22 |

L – Lecture

T – Tutorial

P – Practical / Laboratory

C - Credit

PC – Professional Core

EEC – Employment Enhancement Course

BS – Basic Science

DE – Department Elective

OE – Open Elective (Open Electives are offered by Other Departments)

B.Com - Semester: II

| S. No | Course Code | Course Title | Category | Contact Hours | L | T | P | C |
|-------|-------------|-------------------------------------|----------|---------------|---|---|---|-----------|
| 1 | UDBC201 | Introduction to Shipping Business | PC | 4 | 4 | 0 | 0 | 4 |
| 2 | UDBC202 | Financial Accounting – II | PC | 5 | 4 | 1 | 0 | 4 |
| 3 | UDBC203 | Supply Chain Management | PC | 3 | 3 | 0 | 0 | 3 |
| 4 | UDBC204 | Introduction to Programming | PC | 4 | 3 | 1 | 0 | 3 |
| 5 | UDBC2PB | Introduction to Programming Lab | PC | 2 | 0 | 0 | 2 | 1 |
| 6 | UDBC205 | Business Statistics | PC | 5 | 3 | 2 | 0 | 4 |
| 7 | UD1DLE2 | Business English - 2 | EEC | 2 | 2 | 0 | 0 | 2 |
| 8 | UD1LECB | Communication Skills Laboratory- II | EEC | 2 | 0 | 0 | 2 | 1 |
| 9 | UDBTC01 | Environmental Science | MC | 2 | 2 | 0 | 0 | 0 |
| 10 | UDGSC01 | Gender Sensitivity | MC | 2 | 2 | 0 | 0 | 0 |
| | | TOTAL | | 31 | | | | 22 |

B.Com - Semester: III

| S. No | Course Code | Course Title | Category | Contact Hours | L | T | P | C |
|-------|-------------|--|----------|---------------|---|---|---|-----------|
| 1 | UDBC301 | Cost & Management Accounting | PC | 5 | 4 | 1 | 0 | 4 |
| 2 | UDBC302 | Banking & Financial Institutions | PC | 3 | 3 | 0 | 0 | 3 |
| 3 | UDBC303 | Multimodal Transportation And Logistics Planning | PC | 4 | 4 | 0 | 0 | 4 |
| 4 | UDBC304 | Purchase management | PC | 3 | 3 | 0 | 0 | 3 |
| 5 | UDBC305 | Business Law | PC | 4 | 4 | 0 | 0 | 4 |
| 6 | UDBC306 | Database Management System | PC | 4 | 3 | 1 | 0 | 3 |
| 7 | UDBC3PB | Database Management System Lab | PC | 2 | 0 | 0 | 2 | 1 |
| 8 | UD1LECD | Interpersonal Communication | EEC | 2 | 0 | 0 | 2 | 1 |
| | | | | | | | | |
| | | TOTAL | | 27 | | | | 23 |

B.Com - Semester: IV

| S. No | Course Code | Course Title | Category | Contact Hours | L | T | P | C |
|-------|-------------|---------------------------------|----------|---------------|---|---|---|-----------|
| 1 | UDBC401 | Business Accounting | PC | 5 | 4 | 1 | 0 | 4 |
| 2 | UDBC402 | Financial Management | PC | 4 | 4 | 0 | 0 | 4 |
| 3 | UDBC403 | Stores and Inventory Management | PC | 3 | 3 | 0 | 0 | 3 |
| 4 | UDBC404 | Research Methodology | PC | 3 | 3 | 0 | 0 | 3 |
| 5 | UDBC405 | Java Programming | PC | 4 | 3 | 1 | 0 | 3 |
| 6 | UDBC4PB | Java Programming Lab | PC | 2 | 0 | 0 | 2 | 1 |
| 7 | UD1LECE | Professional Communication | EEC | 2 | 0 | 0 | 2 | 1 |
| 8 | | Department Elective – 1 | DE | 3 | 3 | 0 | 0 | 3 |
| 9 | | Open Elective – 1 | OE | 3 | 3 | 0 | 0 | 3 |
| | | | | | | | | |
| | | TOTAL | | 29 | | | | 25 |

B.Com - Semester: V

| S. No | Course Code | Course Title | Category | Contact Hours | L | T | P | C |
|-------|-------------|----------------------------------|----------|---------------|---|---|---|-----------|
| 1 | UDBC501 | Practical Explorer in Accounting | PC | 6 | 2 | 0 | 4 | 4 |
| 2 | UDBC502 | Entrepreneurship Development | PC | 3 | 3 | 0 | 0 | 3 |
| 3 | UDBC503 | Port Management | PC | 4 | 4 | 0 | 0 | 4 |
| 4 | UDBC504 | Liner Trade Operations | PC | 4 | 4 | 0 | 0 | 4 |
| 5 | UDBC505 | Web Programming | PC | 4 | 3 | 1 | 0 | 3 |
| 6 | UDBC5PA | Web Programming Lab | PC | 2 | 0 | 0 | 2 | 1 |
| 7 | | Department Elective – 2 | DE | 3 | 3 | 0 | 0 | 3 |
| 8 | | Open Elective – 2 | OE | 3 | 3 | 0 | 0 | 3 |
| 9 | UDVCC03 | Industry Visit | EEC | 1 | 0 | 0 | 1 | 1 |
| | | | | | | | | |
| | | Total | | 30 | | | | 26 |

B.Com - Semester: VI

| S. No | Course Code | Course Title | Category | Contact Hours | L | T | P | C |
|-------|-------------|--------------------------------|----------|---------------|---|---|----|-----------|
| 1 | UDBC601 | Management Information Systems | PC | 4 | 4 | 0 | 0 | 4 |
| 2 | | Department Elective – 3 | DE | 3 | 0 | 0 | 0 | 3 |
| 4 | UDBC2PA | B.Com Project | PC | 16 | 0 | 0 | 16 | 8 |
| 5 | | | | | | | | |
| | | TOTAL | | 23 | | | | 15 |

| DEPARTMENT ELECTIVE | | | | | | | | |
|----------------------------|---------|--|----|---|---|---|---|---|
| 1 | UDBCE01 | Retail Logistics & Warehouse Management | DE | 3 | 3 | 0 | 0 | 3 |
| 2 | UDBCE02 | Risk Management | DE | 3 | 3 | 0 | 0 | 3 |
| 3 | UDBCE03 | E-Commerce and Digital Processing | DE | 3 | 3 | 0 | 0 | 3 |
| 4 | UDBCE04 | EXIM Trade | DE | 3 | 3 | 0 | 0 | 3 |
| 5 | UDBCE05 | Auditing | DE | 3 | 3 | 0 | 0 | 3 |
| 6 | UDBCE06 | Information Technology and Infrastructure Management | DE | 3 | 3 | 0 | 0 | 3 |
| 7 | UDBCE07 | Global Business | DE | 3 | 3 | 0 | 0 | 3 |
| 8 | UDBCE08 | Human Resource Management | DE | 3 | 3 | 0 | 0 | 3 |
| 9 | UDBCE09 | Data Mining & Business Intelligence | DE | 3 | 3 | 0 | 0 | 3 |
| 10 | UDBCE10 | Insurance | DE | 3 | 3 | 0 | 0 | 3 |

| OPEN ELECTIVE | | | | | | | | |
|----------------------|---------|--------------------------------------|----|---|---|---|---|---|
| 1 | UDBCO01 | Marketing Management | OE | 3 | 0 | 0 | 3 | 3 |
| 2 | UDBCO02 | Business Accounting | OE | 3 | 0 | 0 | 3 | 3 |
| 3 | UDBCO03 | International Trade | OE | 3 | 0 | 0 | 3 | 3 |
| 4 | UDBCO04 | Human Resource Management | OE | 3 | 0 | 0 | 3 | 3 |
| 5 | UDBCO05 | Financial Management | OE | 3 | 0 | 0 | 3 | 3 |
| 6 | UDBCO06 | Logistics Management | OE | 3 | 0 | 0 | 3 | 3 |
| 7 | UDBCO07 | Retail Management | OE | 3 | 0 | 0 | 3 | 3 |
| 8 | UDBCO08 | Supply Chain Management | OE | 3 | 0 | 0 | 3 | 3 |
| 9 | UDBCO09 | Sales & Distribution Management | OE | 3 | 0 | 0 | 3 | 3 |
| 10 | UDBCO10 | EXIM Trade | OE | 3 | 0 | 0 | 3 | 3 |
| 11 | UDBCO11 | Entrepreneurship Development | OE | 3 | 0 | 0 | 3 | 3 |
| 12 | UDBCO12 | Essentials Of Information Technology | OE | 3 | 0 | 0 | 3 | 3 |

Total B.Com Credits: 133



CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics And Computer Application) | | | | | | | | | | |
|-------------------------------|--|---|----------------------------|-------------|-------------|-------------|-----------------------------|------------------------|------------------------------|------------------------------|-------------|--|
| Course Code UDBC101 | Course Name: Fundamentals of Management | | | | | | | L | T | P | C | |
| | | | | | | | | 4 | 0 | 0 | 4 | |
| Year and Semester | I (I Semester) | | | | | | | Contact hours per week | | | | |
| Prerequisite course | NIL | | | | | | | 4 Hrs | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | | Professional Core | | Professional Elective | | | |
| | | | | | | | ✓ | | | | | |
| | Basic Science | | Engineering Science | | | | Open Elective | | Mandatory | | | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To expose students to the various fundamentals, functions and Principles of management To help the students to understand the importance of planning and organizing functions in an organization. To help the students to understand about the classification of markets and consumer behavior To make students understand importance of product management and pricing decision in marketing activities. To help the students to know about the importance of organization behavior | | | | | | | | | | | |
| Course Outcome | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. To Summarize exposure to the nature of management 2. Examine the importance and need for planning and organizing 3. Examine market segmentation and consumer behavior 4. Summarize introduction into product management and pricing decisions 5. Examine personality and its relevance with respect to work 6. Apply fundamental management techniques | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 1 | 3 | 1 | 3 | 3 | 1 | 2 | 2 | 2 | 2 | |
| CO2 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | |
| CO3 | 3 | 2 | 3 | 3 | 2 | 1 | 1 | 2 | 3 | 3 | 2 | |
| CO4 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | |
| CO5 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | |
| CO6 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | |
| AVERAGE | 3.00 | 2.00 | 3.00 | 2.67 | 2.33 | 2.17 | 1.67 | 2.00 | 2.83 | 2.50 | 2.50 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| | |
|---|--------------|
| UNIT 1: NATURE OF MANAGEMENT | 12Hrs |
| Definition and importance of management. Functions & Process of Management, Planning, organizing, staffing, leading and motivating, controlling, managerial levels, managerial skills, School of Management thought: Scientific Management School, Fayol's Contribution | |
| UNIT 2: PLANNING & ORGANIZING | 12Hrs |
| Planning Concept, definitions and importance, types of plans, essential features of planning, principles of planning, steps in planning process, barriers in planning Organizing principles of organization, formal and informal organization, Line structure, Line and staff structure, functional Structure, Matrix Structure, Committees, Authority, responsibility, accountability, delegation of authority, departmentation, decentralization, span of control | |
| UNIT 3: MARKET SEGMENTATION AND CONSUMER BEHAVIOUR | 12Hrs |
| Concept, Needs, Variables/Bases for Segmenting Consumer Market, Attributes of Effective Segmentation, Concept of Target Market and Selection of Target Market, Consumer Behavior, Buying situation, Roles in consumer decision making, the consumer decision-making process, Tools to study buyer behavior | |
| UNIT 4: PRODUCT MANAGEMENT AND PRICING DECISIONS | 12Hrs |
| Definition of Product, Classification of product and levels of product, concept of Product Line, Product Line Decisions, Product Mix Definition, Definition of Brand and Brand Equity, Selection of Brand Name, Pricing decision: Concept of price, Pricing Objectives, factors influencing Pricing, methods of pricing, Types of pricing strategies | |
| UNIT 5: PERSONALITY | 12Hrs |
| Introduction to Organizational Behavior, Definition of Personality, Theories of Personality, Factors influencing personality- Perception & Factors distorting Perception, Johari's window of Self Awareness TA. | |
| TEXT BOOKS | |
| 1. Management - Theory & Practice, C.B. Gupta, Publisher: Sultan Chand & Co 2. Principles of Management, P. N. Tripathi, Publisher: Tata McGraw Hill | |
| REFERENCES | |
| 1. Essentials of management - Koontz and Odonell, Publisher: Tata McGraw Hill 2. Organizational behavior, S. Robins, Publisher: Pearson Education 3. Organizational behavior, F Luthans, Publisher: Tata McGraw Hill | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | B.Com (Logistics and Computer Application) | | | | | | | | | | |
|-------------------------------|--|-------------|------------------------|----------------------------|-------------|-------------|-----------------------------|------------------------|------------------------------|------------------------------|-------------|
| Course Code UDBC102 | Course Name : Financial Accounting - I | | | | | | | L | T | P | C |
| | | | | | | | | 4 | 1 | 0 | 4 |
| Year and Semester | I (I Semester) | | | | | | | Contact hours per week | | | |
| Prerequisite course | NIL | | | | | | | (5 Hrs) | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | Professional Elective | | |
| | | | | | | | ✓ | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | Mandatory | | |
| | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To help students to understand the point of accounting and need for it and explore the fundamental accounting principles. To make students to understand the preparation of final accounts To help students to understand the importance of methods of depreciation To help students to understand the ways of committing errors in accounting and procedure to rectify it. To make students to understand the methods of single entry system, and about the differences between single entry systems and double entry system. | | | | | | | | | | |
| Course Outcome | The Students will be able to 1. Apply the basics of financial accounting 2. Prepare final accounts of a sole trading concern 3. Explain the classification of errors 4. Apply the need and methods of depreciation 5. Explain how to prepare accounts as per single entry. 6. Make use of the Accounting concepts and conventions. | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | |

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Course Name: B.Com (Logistics and Computer Application)

UNIT 1: FINANCIAL ACCOUNTING

12Hrs

Meaning and scope of Accounting, Basic Accounting Concepts and Conventions – Objectives of Accounting – Accounting Transactions – Double Entry Book Keeping – Journal, Ledger, Preparation of Trial Balance – Preparation of Cash Book, Users of Accounting Information

UNIT 2: PREPARATION OF FINAL ACCOUNTS OF A SOLE TRADING CONCERN

12Hrs

Preparation of final accounts - Adjustments – Closing Stock, Outstanding and Prepaid Items, Accrued and Income received in Advance, Depreciation, Provision for Bad Debts, Provision for Discount on Debtors, Interest on Capital and Drawings, Loss of Stock due to Fire, Managerial Remuneration

UNIT 3: CLASSIFICATION OF ERRORS

12Hrs

Meaning of Accounting errors, Types Of errors in Accounting, Rectification of errors – Preparation of Suspense Accounts, Bank Reconciliation Statement

UNIT 4: DEPRECIATION AND SCHEDULE III OF COMPANIES ACT

12 Hrs

Meaning, Causes, Types – Straight Line Method – Written Down Value Method (including Change in Method) Introduction of Companies Act 2013, Schedule III Format (Preparation Of Financial statement)

UNIT 5: SINGLE ENTRY

12Hrs

Meaning, Features, Defects, Differences between Single Entry and Double Entry System – Statement of Affairs – Conversion Method (Simple Problems).

TEXT BOOKS

1. Financial Accounting, T.S.Reddy, A.Murthy, Publisher: Margham Publishers
2. Fundamentals of Advanced Accounting (Financial Accounting) – Volume I, R.S.N Pillai, Bagavathi, S.Uma, Publisher: Sultan Chand & co.,

REFERENCE

1. An Introduction to Accountancy, S.N.Maheswari, Publisher: Vikas Publishing House.
2. Advance Accounts Volume 1 M.C. Sukula & T.S. Gravwal S.C. Gupta

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | B.Com (Logistics & Computer Applications) | | | | | | | | | | | |
|-------------------------------|--|-------------|------------------------|---------------------|-------------|-------------|-----------------------------|------------------------|-------------|------------------------------|-----------------------|--|
| Course Code UDBC103 | Course Name : Business Economics | | | | | | | L | T | P | C | |
| | | | | | | | | 3 | 0 | 0 | 3 | |
| Year and Semester | I (I Semester) | | | | | | | Contact hours per week | | | | |
| Prerequisite course | NIL | | | | | | | (3 Hrs) | | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | | Professional Core | | | Professional Elective | |
| | | | | | | | | ✓ | | | | |
| | Basic Science | | | Engineering Science | | | | Open Elective | | | Mandatory | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To help the students to know the scope of micro and Macroeconomics and also about nature of Managerial Economics. To help the students to know the importance of Law of demand and also about Elasticity of Demand. To help the students to understand the nature and importance of consumer behaviour. To help the students to know about the types of cost and Market structures. | | | | | | | | | | | |
| Course Outcome | The Students will be able to 1. Appreciate the nature and scope of managerial economics 2. Examine demand analysis 3. Apply the theory of consumer behavior 4. Examine the theory of production and cost 5. Examine different market structures 6. Apply the scope of micro and Macroeconomics and also about nature of Managerial Economics | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | |
| AVERAGE | 2.1 | 2.6 | 2.3 | 2.3 | 2 | 1.6 | 2 | 2 | 2 | 1.8 | 2.1 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1 :NATURE AND SCOPE OF MANAGERIAL ECONOMICS

7 Hrs.

Meaning and Characteristics. Scope of Micro and Macro Economics Purpose of Managerial Economics in Business Decision-Making. Profit maximization theory in business.

UNIT 2 DEMAND

10 Hrs.

Law of Demand:, kinds of demand and Demand Curve, Movement vs Shift of the Demand Curve, Determinants of Demand, Elasticity of Demand (Types-price, income and cross elasticity, Measurement of elasticity of demand). Demand Forecasting: Purpose, Techniques (survey method, statistical method-trend fitting, econometric regression method).

UNIT3: THEORY OF CONSUMER BEHAVIOR

10 Hrs.

Cardinal Utility Theory (assumptions, law of diminishing marginal utility, law of equi-marginal utility; consumer's equilibrium, derivation of demand curve, Ordinal Utility Theory, (assumptions, meaning and properties of indifference curve, marginal rate of substitution, consumer's equilibrium, income consumption curve, price consumption curve, income & substitution effects of normal goods).

UNIT 4: THEORY OF PRODUCTION AND COST

8 Hrs.

Production function: short run analysis with Law of Variable Proportions- Production function with two variable inputs, least cost combination of inputs Long run production function and Laws of Returns to Scale - expansion path – Economies and diseconomies of Scale and economies of scope Cost concepts: accounting cost and economic cost, implicit and explicit cost, social and private cost, historical cost and replacement cost, sunk cost and incremental cost -fixed and variable cost - total, average and marginal cost - Cost Output Relationship in the Short Run and Long Run and Break Even Analysis (with business application)

UNIT5: MARKET STRUCTURE

10 Hrs.

Market Structure -Determination of Market Price under different market structure, Government and Regulation of Market. GDP, Unemployment, Fiscal policy, monetary policy and Inflation. Pure and Perfect Competition- features and causes, Shut down point & its significance. Monopoly market structure-Features, Causes, Short Run equilibrium of firm, Monopolistic Market Competition: Features, Differences from perfect and monopoly market competition, Short and Long Run equilibrium. Oligopoly-Oligopoly Model of Market Structure and its features.

(Total 45 hours)

TEXT BOOKS:

1. Managerial Economics, Dwivedi, D.N, Publisher: Vikas Publishing House PvtLtd.
2. Managerial Economics, Varshney. R.L. and Maheshwari. K.L., Publisher: Prentice Hall of India

REFERENCE :

1. Business Economics, K. JothiSivagnanam, R. Srinivasan, Publisher: Tata McGraw Hill
2. Managerial Economics- Petersen / Jain, Pearson Education India

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | | |
|-------------------------------|---|--|-------------|-------------|--------------------------|-----------------------------|-------------|------------------------------|------------------------------|-------------|-------------|--|
| Course Code UDBC104 | Course Name : Introduction to Information Technology (Theory) | L | T | P | C | | | | | | | |
| | | 3 | 1 | 0 | 3 | | | | | | | |
| Year and Semester | I (I Semester) | Contact hours per week | | | | | | | | | | |
| Prerequisite course | NIL | (4 Hrs) | | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | Professional Elective | | | | |
| | | | | | ✓ | | | | | | | |
| | Basic Science | Engineering Science | | | Open Elective | | | Mandatory | | | | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To give the basic knowledge about computer functionalities To provide the fundamental knowledge of computer networks To learn the concepts of e-governance and ethical hacking. To study the concepts of MS packages To understand the applications of IT | | | | | | | | | | | |
| Course Outcome | <p>At the end of the course the Students will be able to</p> <ol style="list-style-type: none"> 1. Describe the functions of computer 2. Identify the different types of network communication with real time applications 3. Demonstrate the concepts of E-Governance and Ethical hacking 4. Apply the Microsoft office packages 5. Identify the application of IT in various sectors 6. Analyze the basic structure of computer | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | |
| CO2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | |
| CO3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | |
| CO4 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 3 | |
| CO5 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | |
| CO6 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 2 | |
| AVERAGE | 3 | 2 | 2.3 | 2.3 | 2.6 | 2.5 | 2.8 | 3 | 1.5 | 2.6 | 2.8 | |
| Correlation Levels | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1: INTRODUCTION TO COMPUTER

9 HOURS

Introduction to computers: Basic components and functioning of the computers – Evolution of computers – Characteristics and uses of computers – Types of computers – Types of Hardware – Types of Software-Types of Memory – files and directories.

UNIT 2: COMPUTER NETWORK AND OPERATING SYSTEM

9 HOURS

Computer and Communication: Types – needs – Communication Media – Network topologies– Operating system: Basics – function of operating system – classification of operating system.

UNIT 3: E-GOVERNANCE AND ETHICAL HACKING

9 HOURS

E-Governance: Introduction- Needs – Scope - Issues- Applications of E-Governance, Ethical Hacking: Introduction- Hacking Methodology- Ethical Hacking Laws and Tests.

UNIT 4: OFFICE AUTOMATION

9 HOURS

MS-Word: Introduction-formatting with documents-working with table -chart-working with graphics-mail merge- MS Excel: Introduction-working and formatting with worksheets-formulas –functions-charts, MS Power Point: Getting Started with PowerPoint-Working with List and Graphs-Enhancing a Presentation -Finalizing a Presentation, MS Access: Introduction – working with database and tables- queries-forms-reports.

UNIT 5: APPLICATIONS OF IT

9 HOURS

Societal Impacts Of Information Technology: World Wide Web –HTTP – HTTPS – Email – Social networks: Face book, Twitter, LinkedIn, WhatsApp - Advantages and limitations -Privacy, security and integrity of information – Intellectual Property rights - Careers in Information technology.

Total: 45 HOURS

TEXT BOOKS:

1. Sinha P.K., Computer Fundamentals, BPB Publishing.
2. E-Governance: Concepts and Case Studies, C.S.R. Prabhu, Prentice-Hall of India Private Limited, 2004.
3. Michael T. Simpson, Kent Backman, James E. “Corley, Hands-On Ethical Hacking and Network Defense”, Second Edition, CENGAGE Course.

REFERENCES :

1. Andrew S.Tanenbaum, "Computer Networks", 4th Edition, Prentice Hall of India,2003.
2. Introduction to Information Technology - Alexis Leon, Mathews Leon, and Leena Leon, Vijay Nicole Imprints Pvt. Ltd., 2013.
3. Microsoft Office 2007 Bible - John Walkenbach, Herb Tyson, Faithe Wempen, Cary N.Prague,Michael R.groh,Peter G.Aitken, and Lisa a.Bucki -Wiley India pvt. ltd.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | B.Com (Logistics & Computer Applications) | | | | | | | | | | |
|-------------------------------|--|-------------|------------------------|---------------------|-------------|-------------|-----------------------------|------------------------|-------------|------------------------------|-------------|
| Course Code UDBC1PC | Course Name: Introduction to Information Technology (Practical) | | | | | | | L | T | P | C |
| | | | | | | | | 0 | 0 | 2 | 1 |
| Year and Semester | I (I Semester) | | | | | | | Contact hours per week | | | |
| Prerequisite course | NIL | | | | | | | (2 Hrs) | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | | Professional Elective | |
| | | | | | | | ✓ | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | | Mandatory | |
| | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To learn the features of MS Word To provide knowledge to create Excel file for different type of chart and mathematical function. To create a power point presentation with animation and slide transaction. Learn to create database with queries To visualize and present data using office packages. | | | | | | | | | | |
| Course Outcome | <p>At the end of the course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Describe the usage of Office packages for documentation 2. Identify and use the Excel worksheets with their properties 3. Experiment with the features of Power Point Presentation 4. Build the database for personal and business websites using MS-Access 5. Construct reports for database 6. Apply the MS Packages for various documentation | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 3 |
| CO2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 3 |
| CO3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 |
| CO4 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 3 |
| CO5 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 |
| CO6 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 2 | 2 |
| AVERAGE | 3 | 2.1 | 2.3 | 2.6 | 2.3 | 2.5 | 2.3 | 3 | 1.5 | 2.5 | 2.8 |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

LAB PRACTICES

MS-Word

1. Create a document and
 - a. Put Bullets and Numbers
 - b. Apply various Font parameters.
 - c. Apply Left, Right, and Centre alignments.
 - d. Apply hyperlinks
 - e. Insert pictures
 - f. Insert ClipArt
 - g. Show the use of WordArt
 - h. Add Borders and Shading
 - i. Show the use of Find and Replace.
 - j. Apply header/footers
2. Create an advertisement to show the use of Washout/Watermark.
3. Implement the concept of mail merge.
4. Create a class time-table and do the following:
 - a. Insert new row and fill data
 - b. Delete any existing row
 - c. Resize rows and columns
 - d. Apply border and shading
 - e. Apply merging/splitting of cells
 - f. Apply sort
 - g. Apply various arithmetic and logical formulas.
5. Prepare a Resume using MS- Word.

MS-Excel

1. Create a worksheet and apply various mathematical, statistical and financial functions to show the monthly sales of a company in different branch offices (Showing Total Sales, Average Sales).
2. Create a student mark sheet and prepare a result for 10 students in 5 subjects (using formula to get Distinction, I Class, II Class and Fail under Result column against each student).
3. Create a simple chart to high light the sales of a company for 3 different periods and give legends.
4. Create a worksheet by Sorting Data, Filtering Data and creation of Pivot tables.
5. Create a balance sheet for a company using MS-Excel.

MS-PowerPoint

1. Make a presentation of College Education System using
 - a. Blank Presentation
 - b. From Design Template
 - c. From Auto Content Wizard
2. Make a presentation on “Wild Life” and apply the following:
 - a. Add audio and video effects
 - b. Apply various Color Schemes
 - c. Apply various animation schemes.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

a. Apply Slide Show

MS-Access

1. Create an employee database in Design View, by using Wizard, and by entering data.
2. Create a query on employee database in design view and by using wizard.
3. Create reports of student database in design view and by using wizard.

Total: 30 hours

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| | | | | | | | | | | | | |
|--------------------------------------|--|-------------|----------------------------|-------------|-------------|--------------------------|-----------------------------|-------------------------------------|-------------|------------------------------|-------------|--|
| PROGRAM | B.Com (Logistics & Computer Applications) | | | | | | | | | | | |
| Course Code UDBC105 | Course Name : Business Mathematics | | | | | | | L | T | P | C | |
| | | | | | | | | 4 | 0 | 0 | 4 | |
| Year and Semester | I (I Semester) | | | | | | | Contact hours per week (4 Hrs) | | | | |
| Prerequisite course | NIL | | | | | | | | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | Professional Elective | | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | Mandatory | | | | |
| | ✓ | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> • To create an understanding of Statistical concepts in solving business related problems. • To analyze statistical problems using SPSS | | | | | | | | | | | |
| Course Outcome | The Students will be able to 1. Summarize introduction to business Mathematics 2. Examine the Basic theory of matrices, determinants and set theory 3. Apply the significance of finance in mathematics 4. Examine linear programming and its uses. 5. Utilize SPSS software which is related to statistics analysis. 6. Solve mathematical problems related to business | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | |
| CO2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 3 | |
| CO3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | |
| CO4 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 3 | |
| CO5 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 | |
| CO6 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 2 | 2 | |
| AVERAGE | 3 | 2.1 | 2.3 | 2.6 | 2.3 | 2.5 | 2.3 | 3 | 1.5 | 2.5 | 2.8 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1 : MATRICES AND DETERMINANTS

12 hours

Types of matrices; Algebra of matrices Properties of determinants; calculations of values of determinants upto third order; Adjoint of a matrix, elementary row and column operations; solution of a system of linear equations having unique solution and involving not more than three variables.

UNIT 2: SET THEORY

12 hours

Introduction - Sets and Its elements - Representation of a set - Some standard sets - Types of Sets - Operation on Sets - De-morgan Law's - Symmetric Difference of Sets - Cardinal number of a set - Order pairs and Cartesian Product of Two sets.

UNIT 3 : MATHEMATICS FOR FINANCE

9 Hours

Normal and Effective Rates of Interest - Equation of Value of Money - Simple - Compound and Continuous Discounting - Depreciation- Present Value of an Annuity- Present Value of an Annuity Due - Present Value of Deferred Annuity Amount of Annuity.

UNIT 4 : LINEAR PROGRAMMING

15 hours

Advantages of using Linear Programming - Limitations of Linear Programming - Application Areas of Linear Programming - General Mathematical Model of Linear Programming Problem.

UNIT 5 : SPSS

12 hours

Introduction of SPSS software for Statistical Analysis and Simple Programs.

Total 60 hours

TEXT BOOKS :

1. Business Mathematics, D.C. Sancheti, V.K. Kapoor., Published by Sultan Chand & Sons (P) Ltd. (2012)
2. Business Mathematics- Kashyap Trivedi, Pearson Education India
3. SPSS Statistics for Data Analysis and Visualization-Keith McCormick, Jesus Salcedo, John Wiley & Sons

REFERENCES :

1. Business Mathematics & Statistics, B.M Aggarwal., published by, 2nd Edition Ane books pvt ltd.
2. Business Mathematics and Statistics- Andy Francis, Cengage Learning EMEA
3. Discovering Statistics Using IBM SPSS Statistics- Andy Field, SAGE

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| | | | | | | | | | | | |
|-------------------------------|---|---|----------------------------|-------------|-------------|-----------------------------|------------------------------------|-------------|------------------------------|-------------|-------------|
| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
| Course Code UD1BLE1 | Course Name : Business English 1 | | | | | | | L | T | P | C |
| | | | | | | | | 2 | 0 | 0 | 2 |
| Year and Semester | | I (I Semester) | | | | | Contact hours per week (2Hrs) | | | | |
| Prerequisite course | | NIL | | | | | | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | | Professional Elective | | |
| | ✓ | | | | | | | | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | | Mandatory | | |
| Course Objective | | <ul style="list-style-type: none"> Familiarize the students with a new and emerging developments in the formats of business communication Learn the tone and other nuances of the language in preparing memos and letters Make a compromise between with old style with new ones. Able to learn the syntactic and semantic aspects of business writing Prepare and present business report and minutes. | | | | | | | | | |
| Course Outcome | | <p>At the end of the course, the student should be able to:</p> <ol style="list-style-type: none"> Choose and apply different styles to various forms of business communication. Identify the proper tone of language required in writing and speaking in business communication. Relate between letters and memos and various forms of Business Communication. Display knowledge on grammar and other linguistic features in writing various forms of business communication. Write business reports, minutes, proposals etc., Present the report in front of an audience. | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | | 3 | | | | | | | | | |
| CO2 | | 1 | 2 | | | | | | | | |
| CO3 | | 2 | | | | | | | | | |
| CO4 | | 2 | | | 2 | | | | | | |
| CO5 | | 3 | | | | 1 | | | | | |
| CO6 | | 2 | | | | | | | | | |
| AVER AGE | | | | | | | | | | | |
| Correlation Levels | | | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT I

06 Hours

Reading: The Doll's House. **Writing:** Discourse markers. **Listening:** Listening for word stress. **Speaking:** Greeting taking leave. **Vocabulary:** Business terms. **Grammar:** Framing questions.

UNIT II

06 Hours

Reading: Walking Tours - **Writing:** Jumbled sentences. **Listening:** Listening for theme. **Speaking:** Making request. **Vocabulary:** Homonyms, homophones, homographs- **Grammar:** Reported Speech.

UNIT III

06 Hours

Reading: The Sign of Red Cross - **Writing:** Paragraph writing. **Listening:** Listening for details. **Speaking:** Apologising and inviting - **Vocabulary:** Phrasal verbs - **Grammar:** Modals.

UNITIV

06 Hours

Reading: Say Not, The Struggle Nought Availeth. **Writing:** e-mails. **Listening:** Listening to announcement and directions. **Speaking:** Congratulating offering sympathy and condolences. - **Vocabulary:** Idioms **Grammar:** Active voice and Passive voice.

UNIT V

06 Hours

Reading: Pipa's Song – critical and evaluative - **Writing:** Writing essays. **Listening:** Listening to BBC news. **Speaking:** Discussing an advertisement. **Vocabulary:** Abbreviations and acronyms. **Grammar:** Comparison of Adjectives.

TOTAL : 30 PERIODS

Text Book

1. Kuldip Jaidka, Alwinder Dhillon, and Parmod Kumar Singla, (2007) English & Communication Skills, Chandigarh : Abhishek Publications.

Reference Books

1. Interface 1, Publisher: Cambridge University Press India Pvt. Ltd
2. Cambridge Advanced Learner's Dictionary (Latest Edition)
3. Parikh J P, Surve A, Swarnabharati and Bahrainwala A (2011) Business Communication: Basic Concepts and Skills, Chennai: Orient Blackswan.
4. Murphy, R (2009) Essential Grammar in Use, London: Cambridge.
5. Redman, S (2008) English Vocabulary in Use, London: Cambridge.
1. Samson, T, (2011) *Business English*, New Delhi: Tata McGraw-Hill Publishing Limited.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|--|-------------|----------------------------|-------------|-------------|--------------------------------|-------------|-------------|------------------------------|-------------|-------------|--|
| PROGRAM | Common to BE/B.Com/BBA//NA/PE//EEE/MECH/MINING/FPT | | | | | | | | | | | |
| Course Code UDILECA | Course Name : Communication Skills Laboratory-I | | | | | L | T | P | C | | | |
| | | | | | | 0 | 0 | 2 | 1 | | | |
| Year and Semester | I Year (I Semester) | | | | | Contact hours per week (2 Hrs) | | | | | | |
| Prerequisite course | | | | | | | | | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | | Professional Elective | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | | Mandatory | | | |
| | | | | | | | | | ✓ | | | |
| Course Objective | <ol style="list-style-type: none"> 1. To listen conversation and motivational speeches 2. To enable students speaking effectively in real life situations 3. To help learners improve their vocabulary for conversing in formal context. | | | | | | | | | | | |
| Course Outcome | At the end of the course, the student should be able to: <ol style="list-style-type: none"> 1. Apply conversation in interpersonal communication 2. Give presentation without any inhibition 3. Use appropriate vocabulary in formal communication 4. Deliver a speech efficiently with confidence 5. Participate in debates and discussions to argue effectively and persuasively 6. Comprehend different genres of speech and the implied meanings effectively | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | | | | | | 3 | | | | | | |
| CO2 | 1 | | | | | 2 | | | | | | |
| CO3 | 1 | | | | | 3 | | | | | | |
| CO4 | | | | | 1 | 3 | | | | | | |
| CO5 | | | | | | 2 | | | | | | |
| CO6 | | | | 1 | | 2 | | | | | | |
| AVERAGE | | | | | | | | | | | | |
| Correlation Levels | | | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

Unit I

Types of listening - Listening to audio (verbal & sounds); – Introducing oneself, one’s family/ friend-Motivational speeches

Unit II

Listening and responding to video lectures / talks (TED) Speaking - Describing a simple process - Asking and answering questions- Speaking about one’s place, important festivals etc.

Unit III

Listening to conversations-focused audio tracks; Speaking - Role-play – Simulation - Group interaction - Speaking in formal situations (teachers, officials, foreigners)

Unit IV

Watching videos / documentaries/films and responding to questions based on them; **Speaking** – Extempore- JAM-Presentation

Unit V

Listening to broadcast and telecast from Radio and TV-debates and current issues-Speaking – Participating in debates and GD

TOTAL : 30 PERIODS

Reference Books

Communication Skills. Sanjay Kumar and Pushpa Latha, Oxford University Press, 2011

Exercises in Spoken English Part – I – III, Hyderabad, Oxford University Press.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
|-------------------------------|--|--|-------------|-------------|--------------------------|-----------------------------|-------------|------------------------------|------------------------------|-------------|-------------|
| Course Code UDBC201 | Course Name : Introduction to Shipping Business | L | T | P | C | | | | | | |
| | | 4 | 0 | 0 | 4 | | | | | | |
| Year and Semester | I (II Semester) | Contact hours per week (4 Hrs) | | | | | | | | | |
| Prerequisite course | NIL | | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | Professional Elective | | | |
| | | | | | ✓ | | | | | | |
| | Basic Science | Engineering Science | | | Open Elective | | | Mandatory | | | |
| | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To get an introduction to the shipping industry. To learn the basic specifications of a ship To learn about the classification of cargoes and ships To get an insight about shipping practitioners and their organizations To learn about the relationship between trading and shipping. To gain knowledge on shipping, classification of cargoes, and shipping practitioners | | | | | | | | | | |
| Course Outcome | The Students will be able to 1. Apply the functioning of the shipping industry. 2. Distinguish the different specifications of a ship 3. Classify the different classifications of cargoes and ships 4. Relate to the roles of shipping practitioners and their organizations 5. Apply the relationship between trading and shipping. 6. Apply the functioning of shipping business | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 3 |
| CO2 | 3 | 2 | 3 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 3 |
| CO3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 |
| CO4 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 3 |
| CO5 | 3 | 2 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 |
| CO6 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 2 | 2 |
| AVERAGE | 3 | 2.1 | 2.3 | 2.6 | 2.3 | 2.5 | 2.3 | 3 | 1.5 | 2.5 | 2.8 |
| Correlation Levels | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT1: INTRODUCTION TO SHIPPING

12 Hrs.

Scope of shipping business, Function of shipping, Challenges facing the shipping industry. Commercial Geography: Continents, Countries, Oceans, Seas, Maritime Canals, Concept of Sectors and Trade Lanes.

UNIT2: BASIC SPECIFICATIONS OF A SHIP

12 Hrs.

LOA, LWL, LBP, Beam, DWT, GT, Draught, Hull, Ballast, Types and methods of tonnage measurement, Concept of Displacement, Load Lines.

UNIT 3: CLASSIFICATION OF CARGOES & SHIPS

12 Hrs.

Dry Bulk Cargoes, Liquid Bulk Cargoes, General Merchandise, Unitization of Cargoes, Containerization of Cargoes- Types of Containers. Classification of Ships: Bulk Carriers-Handy, Handy max, Panamax, Supramax, Cape Size; Tankers-LR, MR, VLCC, ULCC, Aframax, Suezmax; Container Ships.

UNIT4: SHIPPING PRACTITIONERS & THEIR ORGANIZATIONS

9 Hrs.

Ship Owners, Ship Operators, Ship Agents, Ship Brokers, Ship Financiers, Ship Chandlers, Ship Insurers, Maritime Administrators, Ship Classification Societies, Ship Builders, Freight Forwarders, NVOCC's.

UNIT5: RELATIONSHIP BETWEEN TRADING AND SHIPPING

15 Hrs.

Trading Process, Involvement of shipping documents in the Trading Process, INCOTERMS & shipping related responsibilities of seller and buyer for various INCOTERMS, Carriage of Goods by Sea Acts 1971 & 1992.

Total 60 hours

TEXT BOOKS:

1. Elements of shipping, Alan Branch, Publisher: Sterling/ Routledge
2. Commercial Shipping Handbook, Peter Brodie, Publisher: Lloyd's of London Press

REFERENCE:

1. The Business of Shipping, Lane C. Kendall and James J.Buckley, Publisher: Cornell Maritime Press
2. Introduction to Shipping- Witherby Shipping Business

| | | |
|---|---|--|
| PROGRAM | B.Com (Logistics and Computer Application) | |
| Document Prepared in“ Board of Studies” held on Date <u>23-02-2019</u> | Document Approved in “ Academic Council” held on Date: <u>05-03-2019</u> | |



CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|--------------------------------------|---|-------------|----------------------------|-------------|-------------|--------------------------|-----------------------------|-------------|------------------------------|------------------------------|-------------|--|
| Course Code UDBC202 | Course Name : Financial Accounting 2 | | | | | | L | T | P | C | | |
| | | | | | | | 4 | 1 | 0 | 4 | | |
| Year and Semester | I (II Semester) | | | | | | Contact hours per week | | | | | |
| Prerequisite course | NIL | | | | | | (5 Hrs) | | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | | Professional Elective | | | |
| | | | | | | ✓ | | | | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | | Mandatory | | | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To expose students to accounting methods of non-profit organizations To make students to get an exposure on practical accounting treatment for different types of organization. To help students to know about the accounting treatment of branch and departmental accounts. To make students to understand the concepts of Hire purchase and Installment systems To help students to know about the accounting procedure of Insurance Companies. | | | | | | | | | | | |
| Course Outcome | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. Summarize exposure on preparation of accounts with respect to non-trading organizations 2. Explain how accounting is to be maintained with respect to branches 3. Explain accounting aspects with respect to departmental accounts 4. Apply the concept of hire purchase and installment system of buying 5. Summarize understanding about insurance claims. 6. Explain accounting treatment for different types of organisations | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | |
| CO2 | 3 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 | |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| CO6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| AVERAGE | 3 | 3 | 2.5 | 2.83 | 2.33 | 2.17 | 2.17 | 2.83 | 2.33 | 2.83 | 2.5 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| | |
|---|--------------|
| UNIT 1: NON- TRADING ORGANIZATIONS | 12Hrs |
| Introduction, Features, Capital and Revenue Expenditure, Preparation of Receipts and Payments Account, Income & Expenditure Account and Balance Sheet of Non-Trading Organizations | |
| UNIT 2: BRANCH ACCOUNTS | 12Hrs |
| Dependent Branches – Stock and Debtors System – Distinction between Wholesale Profit and Retail Profit- Independent Branch (Foreign branches excluded) | |
| UNIT 3: DEPARTMENTAL ACCOUNTS | 12Hrs |
| Basis for allocation of expenses – Inter departmental transfer at Cost or selling price – Treatment of expenses which cannot be allocated | |
| UNIT 4: HIRE PURCHASE AND INSTALLMENTS AND AVERAGE DUE DATE | 12Hrs |
| Default and repossession – Hire Purchase trading account. Installment Purchase system. Average due date Calculations and usages | |
| UNIT 5: INSURANCE CLAIM | 12Hrs |
| Loss of Stock – Calculation of Closing Stock as on the date of Fire – Average Clause- Calculation of amount of claim Loss of Profit – Standing charges, Indemnity Period Turnover (IPTO), Standard Turnover (STO), Annual Turnover(ATO), Short sales | |
| Total 60 hours | |
| TEXT BOOKS: | |
| 1. R. L. Gupta & V. K. Gupta - Advanced Accounting, Sultan Chand, New Delhi. 2. T. S. Reddy & Murthy - Financial Accounting, Margham Publications, Chennai. 3. Jain & Narang - Financial Accounting, Kalyani Publishers | |
| REFERENCE : | |
| 1. An Introduction to Accountancy, S.N.Maheswari, Publisher: Vikas Publishing House. 2. Shukla & Grewal - Advanced Accounting, S. Chand, New Delhi | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com Logistics and Computer applications | | | | | | | | | |
|-------------------------------|---|--|-------------|-----------------------------|--------------------------|-------------|------------------------------|------------------------------|-------------|-------------|-------------|
| Course Code UDBC203 | Course Name : Supply Chain Management | L | T | P | C | | | | | | |
| | | 3 | 0 | 0 | 3 | | | | | | |
| Year and Semester | I (Semester II) | Contact hours per week | | | | | | | | | |
| Prerequisite course | NIL | 3 Hrs | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | Professional Elective | | | |
| | | | | | ✓ | | | | | | |
| | Basic Science | Engineering Science | | | Open Elective | | | Mandatory | | | |
| | | | | | | | | | | | |
| Course Objective | To learn the role of supply chain in business To know significance of designing supply chain network To Comprehend revenue management in supply chain To Recognize the different methods of distribution To Comprehend the role of IT in the supply chain process | | | | | | | | | | |
| Course Outcome | The student will be able to <ol style="list-style-type: none"> 1. Infer the role of supply chain in business 2. Apply the significance of designing supply chain network 3. Apply revenue management in supply chain 4. Apply the different methods of distribution 5. Comprehend the role of IT in the supply chain process 6. Apply the significance of supply chain management | | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |
| Correlation Levels | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT I INTRODUCTION

9 Hrs.

The nature of firms, evolution of Supply Chain management. The role of Supply Chain management within organizations- Centralized vs. decentralized system. Supply Chain drivers and metrics.

UNIT II DESIGN AND DEVELOPMENT OF A SUPPLY CHAIN NETWORK

9 Hrs.

Analyzing the value and efficiency of domestic and global Supply Chains network. Supply chain integration- Bullwhip effect- Push-based, pull based systems

UNIT III PRICING AND REVENUE MANAGEMENT IN A SUPPLY CHAIN

9 Hrs.

Understanding managerial levers, hidden costs, and the impact of promotions and discounts.

UNIT IV DISTRIBUTION AND LOGISTICS IN SUPPLY CHAINS

9 Hrs.

Direct shipment/intermediate storage Policies - Vehicle routing models- Third-party logistics.

UNIT V INFORMATION TECHNOLOGY IN SUPPLY CHAIN

9 Hrs.

Enabling supply chain through IT- ERP vendor platforms- Service oriented architecture (SOA)- RFID.

Total 45 hours

TEXT BOOKS

1. Sunil Chopra and Peter Meindl, Supply Chain Management – Strategy, Planning and Operation, Pearson/PHI, 3rd Edition, 2007.
2. Supply Chain Management by Janat Shah Pearson Publication 2008.

REFERENCES

1. A Logistic approach to Supply Chain Management – Coyle, Bardi, Longley, Cengage Learning, 1/e
2. Donald J Bowersox, Dand J Closs, M Bixby Coluper, Supply Chain Logistics Management, TMH, Second Edition, 2008.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|--|----------------------------|--------------------------|----------|------------------------------|----------|
| PROGRAM | B.Com (Logistics and Computer Application) | | | | | |
| Course Code UDBC204 | Course Name : | | L | T | P | C |
| | Introduction to Programming | | 3 | 1 | 0 | 3 |
| Year and Semester | I (II Semester) | | Contact hours per week | | | |
| Prerequisite course | NIL | | 4 Hrs | | | |
| Course category | Humanities and Social Sciences | Management courses | Professional Core | | Professional Elective | |
| | | | ✓ | | | |
| | Basic Science | Engineering Science | Open Elective | | Mandatory | |
| | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To understand the basic concepts of programming language To teach the fundamental concepts of C language To demonstrate control structures and decision making statements To understand arrays and string concepts To apply C functions for solving various problem | | | | | |
| Course Outcome | At the end of the course students will able to <ol style="list-style-type: none"> Apply the fundamentals of programming languages Describe the basic concepts of C programs Apply condition and looping statements to develop C programs Identify the usage of array and string functions Demonstrate the use C functions Analyze the basis of algorithms and problem-solving techniques | | | | | |

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
|--------------------|-----------------|------|------|----------------------|------|------|------|-----------------------|------|------|------|
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 1 | 3 | 3 |
| CO2 | 3 | 1 | 3 | 2 | 2 | 2 | 1 | 3 | 2 | 2 | 3 |
| CO3 | 3 | 2 | 3 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 3 |
| CO4 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 |
| CO5 | 3 | 1 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 |
| CO6 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 2 | 2 |
| AVERAGE | 3 | 1.6 | 2.3 | 2.6 | 2.3 | 2.5 | 2.3 | 2.6 | 1.6 | 2.5 | 2.8 |
| Correlation Levels | 1. Slight (Low) | | | 2. Moderate (Medium) | | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT I INTRODUCTION TO PROGRAMMING LANGUAGES

9 Hours

Evolution of programming languages, structured programming, the compilation process, object code, source code, executable code, operating systems, interpreters, linkers, loaders, Problem Solving Concepts for the Computer - Flowchart – pseudo code- Algorithms.

UNIT II C LANGUAGE FUNDAMENTALS

9 Hours

Character set, Identifiers, Keywords, Data Types, enumerated data types, type casting -Constant and Variables, Statements, Expressions, Operators, Precedence of operators, Input-output Assignments, Common Programming Errors - Program Testing - Program Debugging.

UNIT III CONTROL STRUCTURES AND DECISION MAKING

9 Hours

Control Statement: Simple IF statement-IF- Else statement– IF –Else IF ladder statement-Looping statement: For Loop-While Loop- Do-While Loop in C Language -Break -Continue - Switch Statement.

UNIT IV ARRAYS AND STRINGS

9 Hours

Array: Introduction: Array Declaration- One dimensional Array- Multidimensional Array declaration and their applications, String Manipulation- Storage Classes

UNIT V FUNCTIONS

9 Hours

User defined and standard functions, Formal and Actual arguments, Functions category, function prototypes, parameter passing, Call-by-value, Call-by-reference, Recursion, Preprocessors in C.

Total: 45 Hours

TEXT BOOKS

1. Programming in C - Gottfried B.S., TMH 2.
2. The 'C' programming language - B.W.Kernighan, D.M.Ritchie, PHI.

REFERENCE BOOK

1. Programming in ANSI C, by E. Balagurusamy, Tata McGraw Hill, 4 th Edition.
2. Programming in ANSI C, by D. Ravichandran, New Age International (P) Ltd.

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Date: 05-03-2019



CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| | | | | | | |
|-------------------------------|--|----------------------------|--------------------------|----------|------------------------------|----------|
| PROGRAM | B.Com (Logistics and Computer Application) | | | | | |
| Course Code UDBC2PB | Course Name : | | L | T | P | C |
| | Introduction to Programming (LAB) | | 0 | 0 | 2 | 1 |
| Year and Semester | I (II Semester) | | Contact hours per week | | | |
| Prerequisite course | NIL | | 2 Hrs | | | |
| Course category | Humanities and Social Sciences | Management courses | Professional Core | | Professional Elective | |
| | | | ✓ | | | |
| | Basic Science | Engineering Science | Open Elective | | Mandatory | |
| | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To understand the basic concepts in problem solving To do programs using C language To demonstrate control structures and decision-making statements To understand arrays and string concepts Demonstrate and apply problem solving using C functions | | | | | |
| Course Outcome | <p>At the end of the course, students will be able,</p> <ol style="list-style-type: none"> 1. State the execution of programs written in C language. 2. Demonstrate the C programming code for a given algorithm. 3. Apply the control and decision-making statements 4. Experiment the C programs with arrays and strings. 5. Prepare the C programs using derived and standard functions 6. Illustrate the solution to computational problems using C language | | | | | |

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
|--------------------|-----------------|------|------|----------------------|------|------|------|-----------------------|------|------|------|
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 3 |
| CO2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 |
| CO3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 |
| CO4 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 1 | 3 | 3 |
| CO5 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 |
| CO6 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 1 | 2 | 3 |
| AVERAGE | 3 | 2.1 | 2.3 | 2.6 | 2.3 | 2.5 | 2.8 | 3 | 1.5 | 2.5 | 3 |
| Correlation Levels | 1. Slight (Low) | | | 2. Moderate (Medium) | | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)
Course Name: B.Com (Logistics and Computer Application)

LIST OF EXPERIMENTS

Practical Exercises

1. Write a program to calculate the area and circumference of triangle.
2. Write a program to find the square root for given value.
3. Write a program to find the largest of the given three numbers.
4. Write a program to print the Fibonacci Series.
5. Write a program to find the reverse of the given number.
6. Write a program to display series and find the sum of $1+3+5+\dots+n$.
7. Write a program to find the Area and Perimeter of the Circle, Triangle, Square using switch statements.
8. Write a program to insert five element into array and print the elements of array.
9. Write a program to find the maximum and minimum numbers in an array.
10. Write a program to find the sum of two matrices.
11. Write a program for string manipulation.
12. Write a program to calculate student grade using function.
13. Write a program to swap the two numbers.
14. Write a program to find the factorial of the given number using recursion.
15. Write a program to calculate area of circle using C preprocessor.

Total: 30 Hours

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|--------------------------------------|-------------|--|-------------|-------------|----------------------------|-----------------------------|------------|-------------------------------------|------------------------------|------------------------------|-------------|--|
| PROGRAM | | B.Com LCA | | | | | | | | | | |
| Course Code UDBC205 | | Course Name: Business Statistics | | | | | | L | T | P | C | |
| | | | | | | | | 3 | 2 | 0 | 4 | |
| Year and Semester | | I (II Semester) | | | | | | Contact hours per week (5 Hrs) | | | | |
| Prerequisite course | | NIL | | | | | | | | | | |
| Course category | | Humanities and Social Sciences | | | Management courses | | | Professional Core | | Professional Elective | | |
| | | Basic Science | | | Engineering Science | | | Open Elective | | Mandatory | | |
| | | ✓ | | | | | | | | | | |
| Course Objective | | To create an understanding of Statistical concepts in solving business related problems. | | | | | | | | | | |
| Course Outcome | | The Students will be able to 1. Summarize introduction to business statistics 2. Examine the measures of central tendency and variation 3. Apply the significance and analysis of Time series 4. Examine the basic concept of Probability 5. Outline about the sampling procedure and some testing of hypothesis. 6. Apply statistics in business problems | | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 | |
| Correlation Levels | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1 :

12 hours

Introduction-Meaning and definition of Statistics-Collection and tabulation of statistical data- Presentation of statistical data-Graphs and diagrams-Measures of central tendency- Arithmetic Mean, Median, Mode, Harmonic mean and geometric mean.

UNIT 2:

12 hours

Measures of Variation - Standard Deviation Mean deviation - Quartile Deviation - Range-Lorenz Curve. Simple correlation – scatter diagram - Karl pearson’s correlation- Rank correlation-Regression.

UNIT 3 :

9 Hours

Analysis of Time series – Methods of measuring trend and seasonal variations.

UNIT 4 :

15 hours

Probability – Addition and Multiplication Theorem – Conditional Probailality – Baye’s Theorem (Without Proof) – Sample Problems.

UNIT 5 :

12 hours

Sampling Procedures – Simple, Stratified and Systematic sampling. Hypothesis testing – Fundamental ideas – Large Sample Test –Small sample test –t, F, ANOVA - Chi-square (Without Proof) –Simple application.

Total 60 hours

TEXT BOOKS :

1. R. Vittal, Business Statistics –Margham Publications
2. S.P.Gupta, P.K.Gupta, Manmohan –sultan Chand & Sons

REFERENCES :

1. S.P.Gupta- Business Statistics, Sultan chand & Sons.
2. R.S.N. Pillai-Statistics Theory & Practics-S. Chand.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
|-------------------------------|--|--|------------|------------|--------------------------|------------|------------|-------------|------------------------------|-------------|-------------|
| Course Code UDIDLE2 | Course Name: Business English 2 | L | T | P | C | | | | | | |
| | | 2 | 0 | 0 | 2 | | | | | | |
| Year and Semester | I (II Semester) | Contact hours per week | | | | | | | | | |
| Prerequisite course | NIL | 2 Hrs | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | | Professional Elective | | |
| | ✓ | | | | | | | | | | |
| | Basic Science | Engineering Science | | | Open Elective | | | | Mandatory | | |
| Course Objective | <ul style="list-style-type: none"> To make students proficient in communication skills. To enable students develop communicative competence in business English. To communicate with others in practical, business oriented situations. To express themselves in English with greater fluency, accuracy and confidence. To handle themselves in English in a variety of business contexts of negotiating, using the telephone, making presentations, and socializing. | | | | | | | | | | |
| Course Outcome | <p>At the end of the course the student should be able to:</p> <ol style="list-style-type: none"> Read and write in grammatically correct sentences. Express themselves in a meaningful manner to different levels of people in their academic and social domains. Read with correct pause, pronunciation and comprehend the text. Apply how the English language is used in written communication and in various business situations. Use English in their professional environment and be able to communicate themselves effectively in their chosen profession. Have a working knowledge of business words and phrases and Basic English grammar. | | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | | 3 | | | | | | | | | |
| CO2 | | 1 | 2 | | | | | | | | |
| CO3 | | 2 | | | | | | | | | |
| CO4 | | 2 | | | 2 | | | | | | |
| CO5 | | 3 | | | | 1 | | | | | |
| CO6 | | 2 | | | | | | | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|--------------------|-----------------|------|---|----------------------|--|---|-----------------------|--|--|--|--|
| Average | | 2.17 | 2 | | | 2 | 1 | | | | |
| Correlation Levels | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | | |

UNIT I

06 Hours

Reading: The Portrait of Lady- skimming-scanning, **Writing:** Formal and informal letters - principles of business correspondence **Vocabulary:** Business terms- **Grammar:** Modals. **Communication management:** Media and modes of Communication

UNIT II

06 Hours

Reading: The Refugees - literal and contextual, - **Writing:** Notes - memos - agenda – minutes - **Vocabulary:** Phrases - **Grammar:** Adjectives - **Communication management:** Channels of Communication

UNIT III

06 Hours

Reading: A Dialogue on Civilization - intensive and extensive, - **Writing:** Job Application-Resume - **Vocabulary:** Idioms - **Grammar:** Present Tense - **Communication management:** Barriers to Communication and overcoming the barriers.

UNITIV

06 Hours

Reading: All the World's A Stage – Paraphrasing. **Writing:** Report writing - **Vocabulary:** collocation-one word substitutions, **Grammar:** Tense – Past Tense - **Communication management:** Body language and Non-verbal communications.

UNIT V

06 Hours

Reading: No Men are Foreign – critical and evaluative - **Writing:** Proposal Writing - **Vocabulary:** Compound Words - **Grammar:** Future Tense - **Communication management:** Barriers to Listening skills and Steps to improve Listening Ability.

TEXT BOOK

1. Kuldip Jaidka, Alwinder Dhillon, and Parmod Kumar Singla, (2007) English & Communication Skills, Chandigarh : Abhishek Publications.

REFERENCE BOOKS

1. Interface 1, Publisher: Cambridge University Press India Pvt. LtdCambridge Advanced Learner's Dictionary (Latest Edition)
 2. Parikh J P, Surve A, Swarnabharati and Bahrainwala A (2011) Business Communication: Basic Concepts and Skills, Chennai: Orient Blackswan.
 3. Murphy, R (2009) Essential Grammar in Use, London: Cambridge.
 4. Redman, S (2008) English Vocabulary in Use, London: Cambridge.
- Samson, T, (2011) *Business English*, New Delhi: Tata McGraw-Hill Publishing Limited.

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Date: 05-03-2019



CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|---|-------------|----------------------------|-------------|-------------|--------------------------------|-------------|-------------|------------------------------|-------------|-------------|-------------|
| PROGRAM | Common to BE/B.Com/BBA -(NA/PE//EEE/MECH/MINING/FPT/B.Com/BBA) | | | | | | | | | | | |
| Course Code UDILECB | Course Name : Communication Skills Laboratory- II | | | | | L | T | P | C | | | |
| | | | | | | 0 | 0 | 2 | 1 | | | |
| Year and Semester | I Year (II Semester) | | | | | Contact hours per week (2 Hrs) | | | | | | |
| Prerequisite course | | | | | | | | | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | | Professional Elective | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | | Mandatory | | | |
| | | | | | | | | | ✓ | | | |
| Course Objective | 4. To make them realize the importance of career development in current scenario. 5. To enhance their communicative skills in real life situations. 6. To help learners participate passionately improve their listening and speaking skills. | | | | | | | | | | | |
| Course Outcome | At the end of the course, the student should be able to: 7. Speak effectively with appropriate competence and performance. 8. Read different genres of texts, infer implied meanings and critically analyse and evaluate them for ideas as well as for method of presentation. 9. Listen/view and comprehend different spoken excerpts critically and infer unspoken and implied meanings. 10. Use communication strategies to participate in groups. 11. Participate effectively in work place related activities pertained to technical communication. | | | | | | | | | | | |
| | | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | | | | | | 3 | | | | | | |
| CO2 | 1 | | | | | 2 | | | | | | |
| CO3 | 1 | | | | | 3 | | | | | | |
| CO4 | | | | | 1 | 3 | | | | | | |
| CO5 | | | | | | 2 | | | | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)
Course Name: B.Com (Logistics and Computer Application)

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|---------------------------|------------------------|--|--|-----------------------------|--|---|------------------------------|--|--|--|--|--|
| CO6 | | | | 1 | | 2 | | | | | | |
| AVERAGE | | | | | | | | | | | | |
| Correlation Levels | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | | | |

Unit-I

Listening to Conversation and Speeches by Native Speakers

Unit-II

Cover letter – Career objectives- Resume writing –Different types of resumes.

Unit-III

Presentation skills- General and Technical topics-Honing Body-language-Extempore

Unit-IV

Group Discussion on current issues – Problem solving- Critical Analyses

Unit-V

Interview Skills – Mock Interviews- HR Questions- FAQ- Online Interview- Panel Interview

TOTAL : 30 PERIODS

Reference Books

Communication Skills. Sanjay Kumar and Pushpa Latha, Oxford University Press, 2011

Exercises in Spoken English Part – I – III, Hyderabad, Oxford University Press.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|---------------------------|---|--|------------------------|----------------------------|-------------|-------------|-----------------------------|-------------------------------|-------------|------------------------------|-------------|
| PROGRAM | All UG Programmes in AMET | | | | | | | | | | |
| Course Code UDGSC01 | Course Name : Gender sensitivity | | | | | | | L | T | P | C |
| | | | | | | | | 2 | 0 | 0 | 0 |
| Year and Semester | Any one of the Semester | | | | | | | Contact hours per week: 2 hrs | | | |
| Prerequisite course | Nil | | | | | | | | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | | Professional Elective | |
| | ✓ | | | | | | | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | | Mandatory | |
| | | | | | | | | | | ✓ | |
| Course Objective | <ul style="list-style-type: none"> To provide an overview of gender sensitivity To provide basic understanding about contemporary gender related perspectives | | | | | | | | | | |
| Course Outcome | At the end of the course the student will be able to: | | | | | | | | | | |
| | 1. | Apply the fundamental principles of gender sensitivity | | | | | | | | | |
| | 2. | Explain the about the various general spectrum | | | | | | | | | |
| | 3. | Apply the division of labor | | | | | | | | | |
| | 4. | Explain the contemporary perspectives of gender sensitivity | | | | | | | | | |
| | 5. | Analyze on the justice, human rights and legal perspectives with reference to gender | | | | | | | | | |
| | 6. | Apply the emerging issues and challenges of the gender sensitivity | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 1 | 1 | | 1 | 1 | 2 | 1 | 3 | 3 | 3 |
| CO2 | 2 | 2 | 2 | 1 | | | 2 | 1 | | 3 | 3 |
| CO3 | | | | | 1 | | | 1 | 3 | 3 | 3 |
| CO4 | 2 | | | | | | 2 | | 3 | 3 | 3 |
| CO5 | | 2 | 2 | | | 1 | 2 | 2 | | 3 | 3 |
| CO6 | | | | | | | | 3 | 3 | | 3 |
| AVERAGE | 1.67 | 1.67 | 1.67 | 1.00 | 1.00 | 1.00 | 2.00 | 1.60 | 3.00 | 3.00 | 3.00 |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

Unit 1: Fundamentals of gender sensitivity

Gender: definition, nature, evolution, cultural, traditional and historical perspective

Unit 2: Gender Spectrum

Gender: An overview of Biological, sociological and psychological conditioning

Unit 3: Division of labour

Gender based division of labour-domestic work and use value;

Unit 4: Gender-Contemporary perspective

Gender justics and human rights, international perspective, constitutional and legal perspectives,
Gender, Human Rights and Parity (parallel progress of both genders)

Unit 5 Media and emerging issues in gender

Print and Electronic Media and Gender Inequalities; Gender-Emerging issues and challenges; Case study on real life gender issues

TOTAL: 30 Hours.

Text Book:

Rajya Lakshmi Kalyani et al. 2017. GENDER SENSITISATION. Himalaya Publishing House

Reference Book:

GENDER, SCHOOL AND SOCIETY - B.ED 2ND YEAR BOOK (ENGLISH, Paperback, Dr. S.C.OBEROI), Laxmi Publishers

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| PROGRAM | B.Com (Logistics and Computer Application) |
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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|--------------------------------------|---|-------------|----------------------------|-------------|-------------|--------------------------|-----------------------------|-------------|------------------------------|------------------------------|-------------|--|
| Course Code UDBC301 | Course Name : COST AND MANAGEMENT ACCOUNTING | | | | | L | T | P | C | | | |
| | | 4 | 1 | 0 | 4 | | | | | | | |
| Year and Semester | II (III Semester) | | | | | Contact hours per week | | | | | | |
| Prerequisite course | NIL | | | | | 5 Hrs | | | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | | Professional Elective | | | |
| | | | | | | ✓ | | | | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | | Mandatory | | | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To expose students to the various costing concepts and tools of management accounting Understand the basic concepts and processes used to determine total cost Know the various costing concepts and tools of management accounting Know to analyse and evaluate information for cost ascertainment, planning , control and decision making. Know about preparation of various budget in a business Know about the managerial applications of marginal costing | | | | | | | | | | | |
| Course Outcome | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. To Summarize exposure to the nature and scope of cost accounting 2. Examine the different techniques of store/inventory control 3. Explain how to interpret financial statements 4. Summarize introduction into budgetary control 5. Examine the managerial applications of marginal costing and BEP 6. Explain how to interpret financial statements | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | |
| CO2 | 3 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 | |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| CO6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| AVERAGE | 3 | 3 | 2.5 | 2.83 | 2.33 | 2.17 | 2.17 | 2.83 | 2.33 | 2.83 | 2.5 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1: INTRODUCTION TO COST AND MANAGEMENT ACCOUNTING

6Hrs

Meaning – Definition – Scope – objectives- Function – Merits and Demerits of Cost and Management Accounting – Difference between Cost, Management and Financial Accounting, Elements of Cost Concepts and Costs Classification, Tools and Techniques of Management Accounting

UNIT 2: STORES/INVENTORY CONTROL TECHNIQUES

12Hrs

Preparation of Cost Sheet- Stores Control – EOQ- Maximum, Minimum, Reordering Levels – Pricing of Material Issues- FIFO, LIFO, Average Cost, Standard Price Methods – Labor cost – Remuneration and Incentives

UNIT 3: INTERPRETATION OF FINANCIAL STATEMENTS

12Hrs

Cash Flow and Fund Flow Analysis – Difference between Funds flow and Cash flow statement

UNIT 4: BUDGETING

15Hrs

Concepts of Budget, Budgeting and Budgetary Control, Types of budget, Static and Flexible Budgeting, Preparation of Cash budget, Sales Budget, Production Budget, Materials budget, capital Expenditure budget and Master Budget, Advantages and Limitations of Budgetary Control

UNIT 5: COST VOLUME PROFIT ANALYSIS AND STANDARD COSTING

15Hrs

Meaning and Assumptions, Concept of Break even analysis. Sums of C-V-P Analysis (including Key Factor) Decision Making – Make/Buy, Shut Down and Export Proposal. Meaning, Benefits and Limitations, calculation of Variances- Material, Labor (excluding idle time) and Overheads

TEXT BOOKS:

1. Cost & Management Accounting-T.S. Reddy & Y. Hariprasad Reddy, Margham Publications
2. Cost and Management Accounting – S. N. Maheshwari, Sultan Chand

REFERENCE BOOKS

1. Advanced Cost Accounting-Jain and Narang, Kalyani Publication, New Delhi.
2. Cost Accounting with Managerial Emphasis- Horngren, Prentice Hall India, 3rd Edition. 2008, New Delhi

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics and Computer Application) | | | | | | | | | |
|-------------------------------|--|---|------------------------|-------------|--------------------------|-----------------------------|-------------|------------------------------|------------------------------|-------------|-------------|
| Course Code UDBC302 | Course Name: Banking and Financial Institutions | L | T | P | C | | | | | | |
| | | 3 | 0 | 0 | 3 | | | | | | |
| Year and Semester | II (III Semester) | Contact hours per week | | | | | | | | | |
| Prerequisite course | NIL | 3 Hrs | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | Professional Elective | | | |
| | | | | | ✓ | | | | | | |
| | Basic Science | Engineering Science | | | Open Elective | | | Mandatory | | | |
| Course Objective | <ul style="list-style-type: none"> To exposes students to the various aspects of the Indian financial system and banking, Know the various issues and challenges in banking sector. know the various aspects of the Indian financial system and Banking Know the various issues and challenges in banking sector. Know about electronic remittances Know about advances and appraisal of loan proposal | | | | | | | | | | |
| Course Outcome | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. Show the acquainted with the Indian financial system 2. Apply the different services performed by a bank 3. Outline about advances and appraisal of loan proposals 4. Examine electronic remittances 5. Summarize insight on the role of financial institutions in bringing about economic development 6. Outline about Banking Regulation Act, 1949 | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |
| CO2 | 3 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVERAGE | 3 | 3 | 2.5 | 2.83 | 2.33 | 2.17 | 2.17 | 2.83 | 2.33 | 2.83 | 2.5 |
| Correlation Levels | | | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| | |
|--|--------------|
| UNIT I BANKING SYSTEM | 9 Hrs |
| Banking Regulation Act, 1949 (Definition of Banking, Licensing, Opening of branches, Functions of Banks, Inspection) of Banks in Economic Development – Central Banking and Role of RBI and their functions. | |
| UNIT II COMMERCIAL BANKS | 9 Hrs |
| Functions – E – Banking – ATM Cards, Debit cards, Personal Identification Number – Online enquiry and update facility – Electronic Fund Transfer – Electronic Clearing System – RTGS – NEFT- IMPS - Credit Creation and Credit Control. | |
| UNIT-III DEPOSITS & LOANS | 9 Hrs |
| Opening of an Account & Principles of lending – Types of Deposit Account – Types of customers (Individuals, firms, Trusts, and Companies) – Importance of customer relations – Customer grievances and redressal. Types of Loans – Precautions to be taken by a banker while lending against various securities | |
| UNIT IV NEGOTIABLE INSTRUMENTS | 9 Hrs |
| Negotiable instruments – Promissory Note – Bills of Exchange, Cheque, Draft – Definitions, Features – Crossing – Endorsement – Material Alteration – Paying Banker – Rights and Duties –Statutory Protection – Dishonor of Cheques – Role of collecting banker. | |
| UNIT V FINANCIAL INSTITUTIONS | 9 Hrs |
| Finance Corporation of India (IFCI); Industrial Credit and Investment Corporation of India (ICICI); State Financial Corporations (SFCs); State Industrial Development Corporations (SIDC'S); Industrial Development Bank of India (IDBI); Industrial Investment Bank of India (IIBIL); Unit Trust of India (UTI); Small Industries Development Bank of India (SIDBI) and NABARD. | |
| Total – 45 Hrs. | |
| TEXT BOOKS | |
| 1. Banking Law Theory and Practice – Sundaram and Varshney – Sultan Chand Co 2. Banking and Financial Systems – B. Santhanam (Margham Publishers) 3. Banking Law Theory and Practice – S.N. Maheswari – Kalyani Publications 4. Indian Banking – Parameswaran – S. Chand and Co. | |
| REFERENCE BOOKS: | |
| 1. Banking Law Theory and Practice – Tanon 2. Banking Law Theory and Practice – Sherlaker & Sherlaker | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com Logistics and Computer applications | | | | | | | | | |
|-------------------------------|---|--|-------------|----------------------------|-----------------------------|-------------|--------------------------|------------------------------|------------------------------|-------------|-------------|
| Course Code UDBC303 | Course Name: Multimodal Transportation and Logistics Planning | | | | | | | L | T | P | C |
| | | | | | | | | 4 | 0 | 0 | 4 |
| Year and Semester | II (III Semester) | | | | | | | Contact hours per week | | | |
| Prerequisite course | NIL | | | | | | | 4 Hrs | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | Professional Elective | | |
| | | | | | | | ✓ | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | Mandatory | | |
| | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To introduce the students to the concept of multimodal transport and logistics planning To Understand the system of multimodal transport To Comprehend the nuances in multimodal operations To Understand the legal aspects of multimodal transport To Comprehend the nuances in logistics planning To Understand the logistics network at the international level | | | | | | | | | | |
| Course Outcome | <p>The student will be able to</p> <ol style="list-style-type: none"> Discover the multimodal transport system Categorize the nuances in multimodal operations Examine the legal aspects of multimodal transport Analyze the nuances in logistics planning Apply the logistics network at the international level Relate to the concept of multimodal transport and logistics planning | | | | | | | | | | |
| Pos/ COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |
| Correlation Levels | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT I: MULTI-MODALISM

9 Hrs

Multi-modal Trade Routes - Evolution - Basic Intermodal System - Modal Interface - Factors outlining why shipper prefer Multi-modalism - Multi-Modalism Strategy – Components. Role of multimodal transport in international logistics

UNIT II: PHYSICAL MULTIMODAL OPERATIONS

12 Hrs

Liners - Tramps - Specialized Vessels - Terms - Road transport vehicle – Road Transport Weight and Measurement - Rail Transport Vehicle and Equipment – Air Transport - Ports - LCL - FCL - NVOCC - Freight forwarders - Consolidator - ICD -CFS- Free Trade Area - SEZ - Factors affecting mode and route choice.

UNIT III: CONVENTIONS RELATING TO MULTIMODAL TRANSPORT

15 hrs

Cargo Liability Convention: International Conventions relating to Bill of Lading (The Hague and Hague/Visby Rules (Appendix 8) - Hamburg Rule - Convention relating to Through Transport operation by Land, Rail, Air - Conventions relation to Dangerous Cargo - Carriage of Perishable Goods - International Convention for safe containers 1972 (CSC).

UNIT IV : LOGISTICS AND TRANSPORT PLANNING

12hrs

Different Types of Logistics and Transport Organizational Structures. Logistics and Transport planning –controlling- decision-making. Logistics and Transport Environment Analysis - Legal and Ethical framework.

UNIT V INTERNATIONAL LOGISTICS NETWORKS

12 hrs

Characteristics of international logistics networks- networks owned by international corporations-leadership network-partnership network- management of international logistics network

TEXT BOOKS

1. ALAN E BRANCH & MICHAEL ROBARTS (2014) *Branch's Elements of Shipping* 9th Edition, Routledge Publication.
2. CLAUS, HYLDAGER (2013) *Logistics and Multi-modal Transport*. 2013 Edition, Institute of Chartered Shipbrokers

REFERENCE

1. The Business of Shipping, Lane C. Kendall and James J. Buckley, Publisher: Cornell Maritime Press
2. Textbook of Logistics and Supply Chain Management D K Agrawal, Macmillan
3. Logistics & Supply Chain Management- Martin Christopher, Pearson

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|-------------|---|-------------|----------------------------|------------|--------------------------|------------|--------------------------------|-------------|-------------|-------------|
| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
| Course Code UDBC304 | | Course Name: Purchase Management | | | | | | L | T | P | C |
| | | | | | | | | 3 | 0 | 0 | 3 |
| Year and Semester | | II (III Semester) | | | | | | Contact hours per week 3Hrs | | | |
| Prerequisite course | | NIL | | | | | | | | | |
| Course category | | Humanities and Social Sciences | | Management courses | | Professional Core | | Professional Elective | | | |
| | | | | | | ✓ | | | | | |
| | | Basic Science | | Engineering Science | | Open Elective | | Mandatory | | | |
| Course Objective | | <ul style="list-style-type: none"> To know about the significance of Purchase Management in business in order to be cost effective To Understand the basics of purchase management To Apply different purchase decision making tools To Identify and select vendors for business To Understand buyer seller relationships To understand the role of supply chain management | | | | | | | | | |
| Course Outcome | | <p>The Students will be able to</p> <ol style="list-style-type: none"> Discover the basics of purchase management Apply different purchase decision making tools Identify and select vendors for business Interpret the relationship between buyer seller Examine the role of supply chain management Make use of Purchase Management in business in order to be cost effective | | | | | | | | | |
| Pos/ COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)
Course Name: B.Com (Logistics and Computer Application)

| Correlation Levels | 1. Slight (Low) | 2. Moderate (Medium) | 3. Substantial (High) |
|---|------------------------|-----------------------------|------------------------------|
| UNIT-I: INTRODUCTION: | | | 9 Hrs |
| Purchase Function - Supply Management – Sources of Purchase: Local vs. Global - Negotiation & Bargaining - Purchasing Methods - e-Procurement –DGS & D. | | | |
| UNIT-II: PURCHASING FUNCTION: | | | 9 Hrs |
| Right Quantity - Economic Order Quantity - Re-order Levels - ABC Analysis - Right Price, Time - Tendering: Single, Limited, Open, Global tenders. | | | |
| UNIT-III: VENDOR ANALYSIS: | | | 9 Hrs |
| Identification of vendor – Selection - Criteria and Methodology of evaluation - Vendor Rating – Maintenance of Vendor relations. | | | |
| UNIT-IV: BUYER-SUPPLIER RELATIONSHIPS: | | | 9 Hrs |
| Transformation of buyer-supplier relationships -Developing and managing collaborative and alliance relationships – joint problem solving, Information sharing. | | | |
| UNIT-V: SUPPLY CHAIN MANAGEMENT: | | | 9 Hrs |
| JIT in the supply management - Cross-Functional Teams: Cross-functional teams and supply management - challenges of cross-functional teams, prerequisites to success. | | | |
| Text Books | | | |
| 1. P. Gopala Krishan, Purchasing and Materials Management, Tata McGraw-Hill Education. | | | |
| 2. L.N. Aggarwal & Parag Diwan, Management & Production Systems, National Publishing House | | | |
| References: | | | |
| 1. Dobler & Burt, Purchasing and Supply Management, McGraw Hill. | | | |
| 2. N.G. Nair, Production and Operations Management, Tata McGraw Hill Publishing Co. Ltd. | | | |
| 3. Gopalakrishnan P. & Sundaresan. M., Materials Management-An Integrated Approach, PHI. | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
|-------------------------------|---|--|------------------------|-------------|--------------------------|-----------------------------|-------------|------------------------------|------------------------------|-------------|-------------|
| Course Code UDBC305 | Course Name : Business Law | L | T | P | C | | | | | | |
| | | 4 | 0 | 0 | 4 | | | | | | |
| Year and Semester | II (III Semester) | Contact hours per week | | | | | | | | | |
| Prerequisite course | NIL | 4 Hrs | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | Professional Elective | | | |
| | | | | ✓ | | | | | | | |
| | Basic Science | Engineering Science | | | Open Elective | | | Mandatory | | | |
| | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To help the students to learn the elements of general contract To understand the various contracts in business or profession Understand basic principles and origin in the area of commercial law. To know about rules of Indian Contract Act Expose to elements of a valid contract Know the basic of contract rules in a business To understand the various contracts in business or profession | | | | | | | | | | |
| Course Outcome | <p>The student will be able to</p> <ol style="list-style-type: none"> 1. Infer the principles of general contract how it is made and what are the legal implications of it 2. Apply about offer acceptance and consideration 3. Examine free consent, capacity to contract & legality of object 4. Apply about quasi contracts 5. Examine performance of contracts 6. Apply the provisions of Indian Contracts Act 1872 | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |
| CO2 | 3 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVERAGE | 3 | 3 | 2.5 | 2.83 | 2.33 | 2.17 | 2.17 | 2.83 | 2.33 | 2.83 | 2.5 |
| Correlation Levels | | | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT-I: NATURE OF CONTRACT

9hrs

Object of Law of Contract-The Indian Contract Act 1872-meaning and definition of contract-essential elements of a valid contract- Classification of contracts.

UNIT-II: OFFER, ACCEPTANCE AND CONSIDERATION

12hrs

Offer- meaning-definition-rules relating to offer-tenders-cross and counter offer. Acceptance-meaning and definition, who can accept? - legal rules as to acceptance-communication offer and acceptance- revocation of acceptance- revocation of offer and acceptance. Consideration-meaning definition legal rules relating to consideration-stranger to contract and consideration-contracts without consideration

UNIT-III: CAPACITY TO CONTRACT, FREE CONSENT AND LEGALITY OF OBJECT

15 Hrs

Minors-rules relating to agreements with minors-persons disqualified by law to enter into valid contact persons of unsound mind-Free consent- Meaning and definition of consent and free consent-coercion- Essentials of Coercion-fraud- Essentials of fraud-Misrepresentation- essentials of misrepresentation- Difference between fraud and misrepresentation- undue influence Difference between undue influence and fraud.-essentials of undue influence-mistake-types of mistakes. Legality of object-When is consideration or object unlawful and illegal agreements opposed to public policy

UNIT-IV: QUASI AND CONTINGENT CONTRACTS

12hrs

Quasi contracts-Meaning and Definition, Types of Quasi Contracts. Contingent contracts-Meaning and Definition- Rules regarding Contingent Contracts

UNIT-V: PERFORMANCE OF CONTRACTS

12 hrs

Meaning and definition-offer to perform-contracts which need not be performed-Devolution of joint rights and liabilities-persons allowed to demand for the performance-time and place of performance-performance of reciprocal promises-time as the essence of contract-appropriation of payments-assignment of contracts.

Total Hours 60

TEXTBOOK:

1. KAPOOR N.D, Elements of Mercantile Law, Sultan Chand & Sons, New Delhi-2010
2. BALACHANDRAN V, & THOTHARDI, Business Law, Tata McGraw Hill Publishing Company Ltd., 2010

REFERENCE BOOKS:

1. Shukla M. C., Mercantile Law, Vikas Publishing House. New Delhi- 2010
2. Shukla M.C., Mercantile Law, Sultan Chand & Sons, New Delhi- 2009

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B. Com (Logistics & Computer Applications) | | | | | | | | | |
|-------------------------------|--|---|----------------------------|-------------|-------------|-----------------------------|-------------|------------------------|------------------------------|---------------|---------------|
| Course Code UDBC306 | Course Name: Database Management Systems | | | | | | | L 3 | T 1 | P 0 | C 3 |
| Year and Semester | II (III Semester) | | | | | | | Contact hours per week | | | |
| Prerequisite course | NIL | | | | | | | 4 Hrs | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | | Professional Elective | | |
| | | | | | | ✓ | | | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | | Mandatory | | |
| Course Objective | | <ul style="list-style-type: none"> To Apply the fundamentals of Database Management Systems To learn the basic data models and to represent a database system using ER diagrams. To study the uses the database schema and need for normalization To retrieve the data using SQL To study the types of database. | | | | | | | | | |
| Course Outcome | | <p>The student will be able to</p> <ol style="list-style-type: none"> Outline the principles of database concepts. Write queries using normalization criteria and optimize queries. Store and retrieve the data using SQL. Evaluate business information problem and find the requirements of a problem in terms of data. Apply backup and recovery procedure in database. Analysis of database design and methodology. | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 1 | 3 | 3 |
| CO2 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 |
| CO3 | 3 | 2 | 3 | 2 | 2 | 1 | 3 | 3 | 2 | 2 | 3 |
| CO4 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 |
| CO5 | 3 | 1 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 3 |
| CO6 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 2 |
| AVERAGE | 3 | 1.8 | 2.5 | 2.1 | 2.3 | 2.5 | 2.6 | 2.8 | 1.6 | 2.6 | 2.8 |
| Correlation Levels | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT-I INTRODUCTION TO DATABASE CONCEPTS:

9 Hours

Database Management System - File based system - Advantages of DBMS over file based system - Database Approach - Three level architecture of DBMS or logical DBMS architecture - Need for three level architecture - Database Administrator (DBA) Functions & Role - Data files indices and Data Dictionary - Types of Database.

UNIT- II RELATIONAL AND ER MODELS

9 Hours

Data Models - Relational Model – Domains - Tuple and Relation - Super keys - Candidate keys - Primary keys and foreign key for the Relations - Relational Constraints - Domain Constraint - Key Constraint - Integrity Constraint - Relational Operations - Entity Relationship (ER) Model – Entities – Attributes – Relationships - More about Entities and Relationships - Defining Relationship for College Database - E-R Diagram - Conversion of E-R Diagram to Relational Database.

UNIT –III NORMALISATION

9 Hours

Referential Integrity - Entity Integrity - Redundancy and Associated Problems – Single Valued Dependencies – Normalization - Rules of Data Normalization - The First Normal Form -The Second Normal Form - The Third Normal Form - Boyce Codd Normal Form

UNIT-IV: STRUCTURES QUERY LANGUAGE (SQL)

9 Hours

SQL Meaning – SQL commands - Data Definition Language - Data Manipulation Language - Data Control Language – Transaction Control Language - Queries using Order by – Where - Group by - Nested Queries. Joins – Views – Sequences - Indexes and Synonyms - Table Handling.

UNIT-V: PL/SQL

9 Hours

Introduction to PL/SQL: PL/SQL architecture-Data types in PL/SQL - PL/SQL program structure- PL/SQL conditional Statement- Looping Statement- Function- procedure-Trigger.

Total : 45 hours

TEXT BOOK:

1. Database System Concepts – Silberschatz Korth Sudarshan, International (6th Edition) McGraw Hill Higher Education, 2011.
2. Database Systems: Concepts. Design and Applications, Pearson Education, S.K.Singh.

REFERENCE BOOK:

1. Jose A.Ramalho – Learn ORACLE 8i BPB Publications 2003.
2. “Oracle 9i The complete reference“, Kevin Loney and George Koch, Tata McGraw Hill, 2004.
3. “Database Management Systems”, Ramakrishnan and Gehrke, Mc Graw Hill, Third Edition, 2003.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | B. Com (Logistics & Computer Applications) | | | | | | | | | | |
|-------------------------------|---|-------------|------------------------|---------------------|-------------|-------------|-----------------------------|---------------------------------|-------------|------------------------------|-------------|
| Course Code UDBC3PB | Course Name: Database Management Systems (LAB) | | | | | | | L | T | P | C |
| Year and Semester | II (III Semester) | | | | | | | 0 | 0 | 2 | 1 |
| Prerequisite course | NIL | | | | | | | Contact hours per week 2 Hrs | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | | Professional Core | | Professional Elective | |
| | | | | | | | | ✓ | | | |
| | Basic Science | | | Engineering Science | | | | Open Elective | | Mandatory | |
| Course Objective | <ul style="list-style-type: none"> To learn and create database To be familiarized with a querying language To have hands on experience on DDL, DML and DCL Commands To understand the advanced SQL queries. To exposed with different applications | | | | | | | | | | |
| Course Outcome | The student will be able to 1. Prepare form and reports for database application. 2. Have hands on experience on DDL, DML and DCL commands 3. Use of nested and join queries 4. Design database using ER Model 5. Develop database application using normalization 6. Design databases for various applications | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 3 | 3 |
| CO2 | 3 | 1 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 3 |
| CO3 | 3 | 2 | 3 | 1 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| CO4 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 |
| CO5 | 3 | 1 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 |
| CO6 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 2 |
| AVERAGE | 3 | 1.6 | 2.8 | 2 | 2 | 2.5 | 2.6 | 2.8 | 1.6 | 2.5 | 2.6 |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

Database Management System Laboratory Exercises

1. Write a program to implement Data Definition Language (DDL) commands.
2. Write a program to implement Data Manipulation Language (DML) commands.
3. Write a program to implement Data Control Language (DCL) commands.
4. Write a program using Aggregate Functions
5. Write a program using grouping Functions
6. Write a program to implement Date and Built in Functions using SQL.
7. Write a program to implement Joins
8. Write a program using Nested Queries and Join queries
9. Write a program to design Database using E-R model and Normalization
10. Design and implement pay roll processing.
11. Write a program to generate Forms and Reports.
12. Write a PL/SQL program using control structures.
13. Write a PL/SQL program using looping statements.
14. Write a PL/SQL creating and calling function.
15. Write a PL/SQL program using triggers

Total : 30 Hours

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | B. Com (Logistics & Computer Applications) | | | | | | | | | | |
|-------------------------------|---|-------------|-------------|----------------------------|-------------|-------------|--------------------------|---------------------------------|------------------------------|-------------|-------------|
| Course Code UDILECD | Course Name: Interpersonal Communication | | | | | | | L | T | P | C |
| Year and Semester | II (III Semester) | | | | | | | 0 | 0 | 2 | 1 |
| Prerequisite course | NIL | | | | | | | Contact hours per week 2 Hrs | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | Professional Elective | | |
| | | | | | | | | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | Mandatory | | |
| Course Objective | <ul style="list-style-type: none"> Learn various aspects of different cultures and the need for the effective interpersonal communication Understanding the techniques of communication between friends and between member in group Use of language effectively at interpersonal communicational situations to avoid conflict and tension. Mold the personality so as to reduce and repair conflicts Learn the need for socialization. | | | | | | | | | | |
| Course Outcome | <p>The student will be able to</p> <ol style="list-style-type: none"> 1. Recognize aspects of various cultures and the need for interpersonal communication. Give presentation without any inhibition 2. Demonstrate the need for effective communication between two people/groups. 3. Make use of effective and appropriate language at various interpersonal situations to avoid conflict, tension and stress. Participate in debates and discussions to argue effectively and persuasively. 4. Practice the IP principles so as to reduce and repair conflict in interpersonal relationships. 5. Explain family and social relationships and need for socialization. 6. Discuss case studies in relation to IPC | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | | | | | | 1 | 2 | | | | |
| CO2 | | | | | | | 3 | | | | |
| CO3 | | | | | | | 3 | | | | |
| CO4 | | | | | | | 1 | | | | |
| CO5 | | | | | | 2 | | | | | |
| CO6 | | | | | 1 | | | | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|---------------------------|--|------------------------|--|--|---|-----------------------------|-----|--|------------------------------|--|--|
| AVER AGE | | | | | 1 | 1.5 | 1.8 | | | | |
| Correlation Levels | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

Unit I: PRESENTATION SKILLS

(6 Hours)

Axioms of interpersonal Communication - One minute presentation – Extempore - Formal Presentation on the chosen topics - Greeting and Introducing - Offering Help.

Unit II: APPREHENSION AND ASSERTIVENESS

(6

Hours)

Group Discussion - Aggressiveness and assertiveness - perception in interpersonal communication- Making Requests - Telephonic Conversation

Unit III: VERBAL AND NON VERBAL MESSAGES

(6

Hours)

Word Stress - Sentence Stress and Intonation-Body language-signs- gestures- postures- kinesics- paralinguistic features (accent, pronunciation, volume, pause, and pitch).

Unit IV: POWER IN INTERPERSONAL RELATIONSHIP

(6

Hours)

Conflict in interpersonal relationships - Conflict Resolution - Relationship maintenance and repair-Asking and Giving Permission-Giving Instructions and Directions

Unit V: SOCIALIZATION

(6 Hours)

Benefits of socialization- Effect of social media - Case studies (common /domestic /academic /work situations).

Total: 30 Hours

Reference Books

1. DeVito, Joseph, *The Interpersonal Communication Book*, 13th Edition, Published by Longman Pub Group, Updated in its 13th edition, 2000.
2. Kathleen S. Verderber, *Inter-Act: Interpersonal Communication Concepts, Skills and Contexts*, Rudolph F. Verderber, 2000.
3. Clifford Whitcomb, *Effective Interpersonal and Task Communication Skills for Engineers*, Atlantic Publishers. 2010.

Web Resources

<https://www.ted.com/talks>

<https://www.skillsyouneed.com/ips/communication-skills.html>

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|--|-------------|------------------------|----------------------------|-------------|-------------|-----------------------------|------------------------------------|------------------------------|------------------------------|-------------|
| PROGRAM | B.Com (Logistics and Computer Application) | | | | | | | | | | |
| Course Code UDBC401 | Course Name : BUSINESS ACCOUNTING | | | | | | | L | T | P | C |
| | | | | | | | | 4 | 1 | 0 | 4 |
| Year and Semester | II (IV Semester) | | | | | | | Contact hours per week (5 Hrs) | | | |
| Prerequisite course | NIL | | | | | | | | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | Professional Elective | | |
| | | | | | | | ✓ | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | Mandatory | | |
| | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To expose students to the accounting aspects pertaining to Partnership form of organization, including admission, retirement and death of a partner. To expose students to the issue and redemption of preference shares To expose students to the issue and redemption of debentures To know about concept of reduction of capital and profit prior to incorporation To understand the concept of internal reconstruction | | | | | | | | | | |
| Course Outcome | The Students will be able to 1. Apply the basics of partnership form of organization 2. Explain the procedure for accounting with respect to admission of a partner 3. Explain the procedure for accounting with respect to retirement/death of a partner 4. Examine process involved in the issue and redemption of shares 5. Examine the ways in which share capital could be altered 6. Apply accounting treatment for internal reconstruction | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |
| CO2 | 3 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVERAGE | 3 | 3 | 2.5 | 2.83 | 2.33 | 2.17 | 2.17 | 2.83 | 2.33 | 2.83 | 2.5 |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1: PARTNERSHIP

12Hrs

Definition, need, meaning and features – Partnership deed, Applicability of Section 13 of Indian Partnership Act, Methods of Valuation, Change in PSR

UNIT 2: ADMISSION OF PARTNER

12Hrs

Adjustments required – Revaluation of assets and Liabilities, distribution of accumulate profits and reserves as well as losses and deferred expenses, allocation of new PSR and Gain Ratio- Goodwill adjustment

UNIT 3: RETIREMENT/DEATH OF A PARTNER

12Hrs

Adjustments required – Revaluation of assets and Liabilities, distribution of accumulated profits and reserves as well as losses and deferred expenses, allocation of new PSR and Gain Profit (GR) – Goodwill adjustment

UNIT 4: ISSUE AND REDEMPTION OF SHARES

12 Hrs

Issue and Redemption of preference Shares and Debentures – Purchase of Business- Profits prior to incorporation

UNIT 5: ALTERATION OF SHARE CAPITAL

12Hrs

Internal Reconstruction and reduction of capital

Total Hours - 60

TEXT BOOKS :

1. T.S. Reddy and A. Murthy - Corporate Accounting, Margham Publications
2. T.S. Reddy and A. Murthy - Financial Accounting, Margham Publications

REFERENCE:

1. R.L. Gupta & M. Radha Samy - Corporate Accounting
2. Financial accounting - Gupta & Grewal S. Chand
3. Jain and Narang - Company Accounts, Kalayani Publications
4. Shukla and Grewal - Advanced Accounts S. Chand
5. Financial accounting – RL Gupta, Sultan Chand & Sons

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|--|--|--------------------------|-------------|-------------|-------------|------------------------------|-------------|-------------|------------------------------|-------------|--|
| PROGRAM | | B.Com (Logistics and Computer Application) | | | | | | | | | | |
| Course Code UDBC402 | Course Name : Financial Management | L | T | P | C | | | | | | | |
| | | 4 | 0 | 0 | 4 | | | | | | | |
| Year and Semester | II (Semester IV) | Contact hours per week | | | | | | | | | | |
| Prerequisite course | NIL | 4 Hrs | | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | Professional Core | | | | Professional Elective | | | | | |
| | | | ✓ | | | | | | | | | |
| | Basic Science | Engineering Science | Open Elective | | | | Mandatory | | | | | |
| Course Objective | <ul style="list-style-type: none"> To acquaint students with fundamental aspects of finance such as sourcing, deploying and monitoring the financial activities. Know fundamental aspects of finance such as sourcing, deploying and monitoring the financial activities. Know the theories and techniques of financial management Understand the financial problems in business practice Have relevant, systematic, efficient and actual knowledge of financial management Apply in practice financial decision and resolve financial decision. | | | | | | | | | | | |
| Course Outcome | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. Summarize idea about the nature of financial management 2. Explain the techniques of capital budgeting 3. Develop an understanding of the concept of cost of capital 4. Apply the basic of working capital management 5. Examine the concept of capital structure and dividend decisions. 6. Apply the financial problems in business practice | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | |
| CO2 | 3 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 | |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| CO6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| AVERAGE | 3 | 3 | 2.5 | 2.83 | 2.33 | 2.17 | 2.17 | 2.83 | 2.33 | 2.83 | 2.5 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1 : NATURE OF FINANCIAL MANAGEMENT

12 Hours

Scope of Finance & Financial Management, Finance Functions, financial objectives of business firm - Financial Manager's Role, importance of Financial Management in business, Organization Chart of Finance function.

UNIT 2 : CAPITAL BUDGETING DECISIONS

12 Hours

Meaning and Importance of Investment Decisions, Types of Investment Decisions, Techniques for Evaluating Investment Proposals -Discounted Cash Flow Methods- NPV, IRR; Non-Discounted Cash Flow Methods- Payback Period, ARR.

UNIT 3 : COST OF CAPITAL

12 Hours

Meaning, Definition- Components of Cost of Capital, Importance of Cost of Capital, Factors determining Cost of Capital-Computation of cost of capital-Cost of Debt-Equity capital, preferential capital, Cost of Retained earnings, Determination of Weighted average cost of capital and Marginal cost of capital.

UNIT 4 : WORKING CAPITAL MANAGEMENT:

12 Hours

Introduction – Meaning of Working Capital-Definition- Concept of Working Capital-Types- Permanent & Variable, Significance, Adequacy - Advantages-Factors determining Working Capital Requirements-Working Capital Management-Forecasting of Working Capital Requirements-Operating Cycle/Cash Conversion Cycle-Sources of Working capital.

UNIT 5 CAPITAL STRUCTURE AND DIVIDEND DECISIONS

12 hours

Meaning & Importance of Capital Structure, Factors affecting Capital Structure, Over & Under Capitalization, theories of capital structure, Dividend policy-Factors affecting the dividend policy-Dividend policies-stable dividend, stable payout.

Total 60 hours

TEXT BOOKS :

1. Financial Management- A. Murthy Margham Publications
2. Financial Management: Theory & Practices, Prasanna Chandra, Publisher: Tata McGraw Hill

REFERENCES

1. Financial Management, I.M.Pandey, Publisher: Vikas Publishing House
2. Financial Management, S.N. Maheswari, Publisher: Sultan Chand & co.,
3. Financial Management, Khan & Jain, McGraw Hill
4. Fundamentals of Financial Management, Chandra Bose, Publisher: Prentice Hall of India

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
|-------------------------------|---|--|--------------------------|------------|------------|---------------------------------|------------------------------|-------------|-------------|-------------|-------------|
| Course Code UDBC403 | Course Name Stores and Inventory Management | L | T | P | C | | | | | | |
| | | 3 | 0 | 0 | 3 | | | | | | |
| Year and Semester | | II (IV Semester) | | | | Contact hours per week 3 Hrs | | | | | |
| Prerequisite course | | NIL | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | Professional Core | | | | Professional Elective | | | | |
| | | | ✓ | | | | | | | | |
| | Basic Science | Engineering Science | Open Elective | | | | Mandatory | | | | |
| Course Objective | | <ul style="list-style-type: none"> To understand the concepts of warehouse management and inventory control Get a basic idea about warehousing Examine inventory management techniques Understand the need for warehouse management systems Learn about ABC inventory control technique Understand the principles and measures of Material handling systems. | | | | | | | | | |
| Course Outcome | | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. Discover the basic idea behind warehousing 2. Apply inventory management techniques 3. Identify the need for warehouse management systems 4. Apply ABC inventory control technique 5. Assume the principles and measures of Material handling systems. 6. Demonstrate the concepts of warehouse management and inventory control | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| Correlation Levels | 1. Slight (Low) | 2. Moderate (Medium) | 3. Substantial (High) | |
|--|------------------------|-----------------------------|------------------------------|----------------------|
| UNIT 1: INTRODUCTION TO WAREHOUSING | | | | 9 Hrs. |
| Concepts – decision making – operations – need for warehousing – issues affecting warehousing – various warehousing facilities – different types of ware houses – characteristics of ideal ware houses. | | | | |
| UNIT 2: INTRODUCTION TO INVENTORY MANAGEMENT | | | | 9 Hrs. |
| Role in supply chain – role in competitive strategy Role of inventory – functions of inventory - types of inventory – WIP inventory – finished goods inventory – MRO inventories – cost of inventories - need to hold inventory. | | | | |
| UNIT 3 INVENTORY ENVIRONMENT | | | | 9 Hrs. |
| Make to stock, Make to order, Engineer to Order, JIT System, Kanban Vendor Managed inventory, | | | | |
| UNIT 4: ABC INVENTORY CONTROL | | | | 9 Hrs. |
| Managing inventories by ABC – multi – echelon inventory systems Managing inventory in multi echelon networks – managing inventory in single echelon networks. Various approaches – distribution approaches – the true multi echelon approach. | | | | |
| UNIT 5 PRINCIPLES AND PERFORMANCE MEASURES OF MATERIAL HANDLING SYSTEMS | | | | 9 Hrs. |
| Introduction. Vehicle travel path(time) – Handling time – vehicle utilization – no of loads completed – congestion – Effective performance systems – Fundamentals of various types of material handling systems – automated storage and retrieval systems Bar coding technology and applications RFID technology. Automation in handling | | | | |
| | | | | Total 45 Hrs. |
| TEXT BOOKS : | | | | |
| 1. Management Guide to Efficient Money Saving Warehousing, Stephen Frey, Gower, 1982. | | | | |
| 2. J P Saxena, Warehouse Management and Inventory Control- Vikas Publication House Pvt Ltd, First Edition,2003. | | | | |
| REFERENCE | | | | |
| 1. Warehouse Management: Automation And Organisation Of Warehouse and Order Picking Systems[With CDROM], Michael Ten Hompel, Thorsten Schmidt, Springer-verlag, First Edition, 2006. | | | | |
| 2. Stores and Inventory Management-Jessop D., Chartered Institute of Purchasing and Supply | | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|--|--|----------------------------|-------------|------------|--------------------------|------------------------------------|-------------|------------------------------|-------------|-------------|
| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
| Course Code UDBC404 | Course Name : Research Methodology | | | | | | | L | T | P | C |
| | | | | | | | | 3 | 0 | 0 | 3 |
| Year and Semester | | II (IV Semester) | | | | | Contact hours per week (3Hrs) | | | | |
| Prerequisite course | | NIL | | | | | | | | | |
| Course category | Humanities and Social Sciences | | Management courses | | | Professional Core | | | Professional Elective | | |
| | | | | | | ✓ | | | | | |
| | Basic Science | | Engineering Science | | | Open Elective | | | Mandatory | | |
| Course Objective | | <ul style="list-style-type: none"> Understand the basics research concepts To understand research design Get an understanding of how to frame hypothesis Learn about the different methods of data collection To learn how to analyze data and prepare a research report. | | | | | | | | | |
| Course Outcome | | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. Apply the basics research concepts 2. To Apply research design 3. Summarize understanding of how to frame hypothesis 4. Examine the different methods of data collection 5. To Explain how to analyze data and prepare a research report. 6. Analyse various business problems | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)
Course Name: B.Com (Logistics and Computer Application)

| Correlation Levels | 1. Slight (Low) | 2. Moderate (Medium) | 3. Substantial (High) | |
|---|---|-----------------------------|------------------------------|-----------------------|
| UNIT I INTRODUCTION TO RESEARCH | | | | 9Hrs |
| | Research – Types – Objectives of Research – Social Research – Criteria of Good Research – Qualities of a Researcher – Research process – Research problem – Selection of a research problem. | | | |
| UNIT II RESEARCH DESIGN | | | | 9 Hrs |
| | Research Design – Meaning – Need for Research Design – Features and Types – Preparation of Research Design. | | | |
| UNIT III HYPOTHESIS | | | | 9 Hrs |
| | Hypothesis – Formulation & Types of hypothesis – Sources of hypothesis – testing of hypothesis. | | | |
| UNIT IV DATA COLLECTION | | | | 9Hrs |
| | Collection of Data – Source of information – Primary and Secondary Data – Methods of Data Collection – Interview – Observation – Questionnaire – Schedules – difference between Questionnaire and Schedule. | | | |
| UNIT V ANALYSIS OF DATA & REPORT WRITING | | | | 9 Hrs |
| | Procession & Analysis of data – Measures of Central Tendency – Correlation, Regression, Linear Programming (Simple Problems) – Data Processing through computers – Meaning of Thesis writing – Mechanics of thesis writing – Contents of Thesis – Pages of the Preliminary section – Body of the Thesis (out line). | | | |
| | | | | Total Hours 45 |
| TEXT BOOKS | | | | |
| | 1. Methodology of Research for Social Science, O.R. Krishnaswamy, Himalaya Publication | | | |
| | 2. Research Methodology (Methods and Techniques), C.R. Kothari, New Age International | | | |
| REFERENCES BOOKS | | | | |
| | 3. Research Methodology, P. Ravilochanan, Margham Publication | | | |
| | 4. Research Methodology in Business, Rummel and Ballaine. | | | |
| | 5. Research Methodology for Management & Social Sciences - Adithan Bhujanga Rao. | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|--|----------------------------|------------------------------------|----------|------------------------------|----------|
| PROGRAM | B.Com (Logistics and Computer Application) | | | | | |
| Course Code UDBC405 | Course Name : | | L | T | P | C |
| | Java Programming | | 3 | 1 | 0 | 3 |
| Year and Semester | II (IV Semester) | | Contact hours per week (4 Hrs) | | | |
| Prerequisite course | NIL | | | | | |
| Course category | Humanities and Social Sciences | Management courses | Professional Core | | Professional Elective | |
| | | | ✓ | | | |
| | Basic Science | Engineering Science | Open Elective | | Mandatory | |
| Course Objective | <ul style="list-style-type: none"> To explore the basics of Object Oriented Programming along with JAVA. To understand the fundamental concepts of Java To know the implementation of packages and interfaces To learn the concepts of Inheritance and polymorphism To design the Graphical User Interface using Applets and Swing controls | | | | | |
| Course Outcome | At the end of the course, the student will be able to: <ol style="list-style-type: none"> 1. Define real world problems using OOPs techniques 2. Describe the basic concepts of java programming 3. Apply the Package concept 4. Develop GUI based application development 5. Build the application using AWT and Swings 6. Analyze the basis of functions of java | | | | | |

| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
|--------------------|-----------------|------|------|----------------------|------|------|------|-----------------------|------|------|------|
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 1 | 3 | 3 |
| CO2 | 3 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 |
| CO3 | 3 | 1 | 2 | 3 | 2 | 1 | 2 | 3 | 2 | 2 | 3 |
| CO4 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 |
| CO5 | 3 | 1 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |
| CO6 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 |
| AVERAGE | 3 | 1.6 | 2.3 | 2.3 | 2.5 | 2.1 | 2.5 | 2.6 | 1.8 | 2.6 | 2.8 |
| Correlation Levels | 1. Slight (Low) | | | 2. Moderate (Medium) | | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT I BASIC OOPS FEATURES

9 Hours

Object oriented programming concepts – objects – classes – methods and messages – abstraction and encapsulation – inheritance – abstract classes – polymorphism.

UNIT II JAVA PROGRAMMING STRUCTURE

9 Hours

Java Virtual Machine – Java Program structure – Java tokens - Defining classes – Methods - Access Specifiers - Variables - Data types: Primitive Data type, Non-Primitive Data type – Operators - Control statements – Looping – Static-variable-static members – Arrays – Strings.

UNIT III PACKAGES INHERITANCE AND INTERFACE

9 Hours

Packages : Packages –Access Protection –Importing packages- Inheritance: Introduction- Types of Inheritance- Interface- Declaring and Defining interface- Exception Handling: Introduction-Exception Types -Using try and catch –Multiple catch clauses –Nested try statements-throw –throws-finally.

UNIT V GENERIC PROGRAMMING

9 Hours

Multithreaded programming: Java Thread Model –Main Thread –Creating a Thread – Thread life Cycle–Creating Multiple Threads. Applet class: Applet Basics –Applet Architecture –Requesting Repainting –HTML APPLET tag-Passing Parameters to Applet.

UNIT V: GRAPHICS AND EVENT DRIVEN PROGRAMMING

9 Hours

Introducing the AWT: AWT Classes –Window fundamentals –working with Frame Windows –working with Graphics– Working with color. Using AWT Controls: Controls Fundamentals –Labels –Using Buttons –Check Box group –Choice Controls –Using a Text field –Using a Text Area. Event Handling: Event Handling Mechanisms -Event Listener Interfaces (Action Listener, Item Listener, Key Listener, Mouse Listener).

Total: 45 Hours

TEXTBOOK:

1. Herbert Schildt, “Java 2 - The Complete Reference”, Seventh Edition, Tata McGraw Hill, 2014.

REFERENCE BOOKS:

1. Poornachandra Sarang, “Java Programming”, McGraw Hill Professional, 2012.
2. ISRD Group, “Introduction to Object-oriented programming through Java”, Tata McGraw Hill, 2007.
3. K. Arnold and J. Gosling, “The JAVA programming language”, Third edition, Pearson Education, 2000

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CBCS SYLLABUS (2020 -21) (Regulation – D1)
Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|--|--|------|------|----------------------------|----------------------|------|--------------------------|-------------------------------------|-----------------------|------------------------------|------|--|
| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | | | |
| Course Code UDBC4PB | Course Name : Java Programming Lab | | | | | | | L | T | P | C | | |
| | | | | | | | | 0 | 0 | 2 | 1 | | |
| Year and Semester | | II (IV Semester) | | | | | | | Contact hours per week (2 Hrs) | | | | |
| Prerequisite course | | NIL | | | | | | | | | | | |
| Course category | | Humanities and Social Sciences | | | Management courses | | | Professional Core | | | Professional Elective | | |
| | | | | | | | | ✓ | | | | | |
| | | Basic Science | | | Engineering Science | | | Open Elective | | | Mandatory | | |
| Course Objective | | <ul style="list-style-type: none"> To state basic programming skills in Java To demonstrate control statements To work with package programs To learn exception handling To understand the basics of Applet programming. | | | | | | | | | | | |
| Course Outcome | | At the end of the course the students will be able to 1. Develop a java program for a given problem 2. Demonstrate a program using control statements 3. Experiment with package concepts 4. Demonstrate the applet programs in java 5. Develop basic windows using java programs. 6. Analyze the AWT controls | | | | | | | | | | | |
| | | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | |
| CO2 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | |
| CO3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | |
| CO4 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 1 | 3 | 3 | |
| CO5 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | |
| CO6 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 3 | 3 | 1 | 2 | 3 | |
| AVERAG E | 3 | 2.1 | 2.3 | 2.6 | 2.3 | 2.5 | 2.8 | 3 | 3 | 1.5 | 2.5 | 3 | |
| Correlation Levels | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)
Course Name: B.Com (Logistics and Computer Application)

LIST OF EXPERIMENTS

1. Write a program to find sum and average of two numbers.
2. Write a program to find the largest number for given values.
3. Write a program to demonstrate Static Variable and Static Method.
4. Write a program to find the given value is even or odd.
5. Write the program to find the sum of series $1+2+3+\dots+n$
6. Write a program to find whether the given number is Armstrong or not.
7. Write a program to execute arithmetic operation using switch statement.
8. Write a program to display employee details using package.
9. Write a program to implement the student details using Inheritance.
10. Write a program to calculate area of circle using Interface.
11. Write a program to handle Arithmetic Error using Exception Handling.
12. Write a program to manipulate various String Functions.
13. Write a program to handle Multiple Threads simultaneously.
14. Write an applet program to display a message.
15. Write an applet program to display login page using AWT controls.

Total: 30 Hours

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|---|------|------|----------------------------|------|------|------|-------------------------------------|----------|------------------------------|----------|--|
| PROGRAM | Common to BE/B.Sc/ B.Com/BBA (ME/NS/NA/PE//EEE/MECH/MINING/FPT/B.Com/BBA) | | | | | | | | | | | |
| Course Code UD1LECE | Course Name : Professional Communication | | | | | | | L | T | P | C | |
| | | | | | | | | 0 | 0 | 2 | 1 | |
| Year and Semester | II (IV Semester) | | | | | | | Contact hours per week (2 Hrs) | | | | |
| Prerequisite course | NIL | | | | | | | | | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | | Professional Core | | Professional Elective | | |
| | Basic Science | | | Engineering Science | | | | Open Elective | | Mandatory | | |
| | | | | | | | | | | ✓ | | |
| Course Objective | <ul style="list-style-type: none"> Enhance the Employability and Career Skills of students Enlighten the students towards effective skills for career development Prepare themselves for interviews and develop their confidence Deliver short speeches in front of an audience Prepare effective and impressive CV and Cover Letters | | | | | | | | | | | |
| Course Outcome | At the end of the course the students will be able to <ol style="list-style-type: none"> 1. Prepare how to face an interview 2. Present effective speeches using verbal and non verbal techniques 3. Use appropriate vocabulary in formal communication 4. Write CVs effectively and persuasively 5. Comprehend different genres of speech and the implied meanings effectively 6. Participate in Group discussions and debates effectively | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | | | | | | | 2 | | | | | |
| CO2 | | | | | | | 3 | | | | | |
| CO3 | | | | | | | 3 | | | | | |
| CO4 | | | | | | | 2 | | | | | |
| CO5 | | | | | 1 | | 2 | | | | | |
| CO6 | | | | | | 2 | 3 | | | | | |

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Course Name: B.Com (Logistics and Computer Application)

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|--------------------|-----------------|--|--|--|----------------------|---|-----|-----------------------|--|--|--|
| AVERAGE | | | | | 1 | 2 | 2.5 | | | | |
| Correlation Levels | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | |

UNIT I **(6 Hours)**
Introduction to Professional communication – importance of Soft Skills – Hard skills – employability and career Skills – Grooming as a professional with values - Time Management.

UNIT II **(6 Hours)**
Presentation Skills – Self-Introduction – Individual presentation on current affairs - technical presentations – role play.

UNIT III **(6 Hours)**
Planning a Resume'- writing a resume- writing application letters - understanding the interview process - common types of interview- Preparing for a job interview - mock Interviews.

UNIT IV **(6 Hours)**
Group Discussion - Aggressiveness and assertiveness - perception in professional communication

UNIT V **(6 Hours)**
Planning for the interview - types of interviews (one to one interview, panel interview telephonic and Skype interview) - interview etiquettes - dress code for interview – frequently asked questions (FAQ).

Total: 30 Hours

Text Books:

1. **How to Write a CV That Really Works:** A Concise, Clear and Comprehensive Guide to Writing an Effective CV, Paul McGee Hachette UK, 2014
2. **Essentials of Business Communication**, Mary Ellen Guffey, Dana Loewy, Cengage Learning, 2012
3. **Interview Skills that win the job:** Simple techniques for answering all the tough questions, Michael Spiropoulos, Allen & Unwin, 2005
4. **Effective Interviewing and Interrogation Techniques**, William L. Fleisher, Nathan J. Gordon, Academic Press, 2010

References:

1. <http://www.utsa.edu/careercenter/PDFs/Interviewing/Types%20of%20Interviews.pdf>
2. <http://www.amu.apus.edu/career-services/interviewing/types.htm>
3. <http://www.careerthinker.com/interviewing/types-of-interview>

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|---|-------------|------------------------|----------------------------|-------------|-------------|-----------------------------|--------------------------|-------------|------------------------------|-------------|
| PROGRAM | B.Com (Logistics and Computer Application) | | | | | | | | | | |
| Course Code UDBC501 | Course Name : PRACTICAL EXPLORER IN ACCOUNTING | | | | | | | L | T | P | C |
| | | | | | | | | 2 | 0 | 4 | 4 |
| Year and Semester | III (V Semester) | | | | | | | Contact hours per week | | | |
| Prerequisite course | NIL | | | | | | | 6 Hrs | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | | Professional Core | | Professional Elective | |
| | | | | | | | | ✓ | | | |
| | Basic Science | | | Engineering Science | | | | Open Elective | | Mandatory | |
| Course Objective | <ul style="list-style-type: none"> To help in understanding practical aspects of accounting To introduce the students to tally package To make the students understand the concept of GST To learn the steps in filing income tax | | | | | | | | | | |
| Course Outcome | <p>The Students will be able to</p> <ol style="list-style-type: none"> Summarize introduction to tally Examine advance accounting in tally Summarize exposure in managing inventory through tally Apply the about GST Apply filing of income tax Apply the practical application of taxation and accounting | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 3 | 3 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |
| CO2 | 3 | 3 | 1 | 3 | 2 | 1 | 1 | 3 | 2 | 3 | 2 |
| CO3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| CO6 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| AVERAGE | 3 | 3 | 2.5 | 2.83 | 2.33 | 2.17 | 2.17 | 2.83 | 2.33 | 2.83 | 2.5 |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1: INTRODUCTION TO TALLY

12 Hrs

Introduction, Fundamentals of Tally, Creating Accounting Masters In Tally, Creating Inventory masters in Tally, Voucher entry in Tally, Generating Basics Report in Tally, , Technological Advantage of Tally

UNIT 2 ADVANCE ACCOUNTING IN TALLY.ERP9

12 Hrs

Bill wise details 2, Cost centers and Cost Categories ,Multiple currencies , Interest calculations, Budget and controls, Scenario management, Bank Reconciliation.

Unit 3 ADVANCE INVENTORY IN TALLY.ERP9

12Hrs

Order Processing , Recorder Levels , Batch-wise details, Bill of Materials , Batch-Wise Details, Different Actual and Billed Quantities , Price Lists , Zero Valued Entries, Additional cost details, POS

UNIT 4: GST

12Hrs

Introduction, Basic Knowledge about Levy and Collection of Tax, Time and Value of Supply and Input Tax Credit, Registration under GST, Returns under GST

UNIT 5: INCOME TAX

12Hrs

Introduction, Registration under IT portal, Filing of Return in IT portal, Payment of Tax in IT Portal Various Software over view Saral Tax Office, CompuTax, Taxmann One Solution etc

TEXT BOOKS :

1. Official Guide to Financial Accounting Using: Tally. ERP9 With GST Tally Education pvt. Ltd
2. Tally ERP 9 (Power of Simplicity): Software for Business and Accounts Paperback – 22 Feb 2014 by Shraddha Singh (Author), Navneet Mehra (Author)
3. Income Tax- Hariprasad Reddy, Margham Publications
4. Student Guide to Income Tax Including GST- Dr. Vinoth K. Singhanian & Monica Singhanian, Vikas Book House

REFERENCE

1. Learn Tally. ERP 9 by Soumya Ranjan Behera
2. Income Tax Law & Practice Gaur. V. P, Narang. D. B., Jain K. C., Kalyani Publications
3. Taxmann's Service Tax: How to Meet Your Obligations, S. S. Gupta, Taxmann Allied Services

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Course Name: B.Com (Logistics and Computer Application)

4. Indirect Taxes Law and Practice 42nd Edition 2019 by V.S. Datey, Taxmann Allied Services
5. Indirect Taxation (GST & Customs) Dr. S. Varadharajan, Ruthra Learning Publishers
6. Goods And Services TAX GST – H. C. Mehrotra, Sahitya Bhawan Publications
7. Official Guide to Financial Accounting Using: Tally. ERP9 With GST -2nd Edition by BPB Publications BPB Publications Daryaganj

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics and Computer Application) | | | | | | | | | | |
|------------------------|--|--|------|---------------------|----------------------|------|-------------------|------------------------|------|-----------------------|------|--|
| Course Code UDBC502 | Course Name : | | | | | | | L | T | P | C | |
| | Entrepreneurship Development | | | | | | | 3 | 0 | 0 | 3 | |
| Year and Semester | III (V Semester) | | | | | | | Contact hours per week | | | | |
| Prerequisite course | NIL | | | | | | | 3 Hrs | | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | | Professional Elective | | |
| | | | | | | | ✓ | | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | | Mandatory | | |
| Course Objective | <ul style="list-style-type: none"> To acquaint the students with knowledge of types of enterprises and To inculcate entrepreneurial qualities to become creative and innovative entrepreneurs To enable student to do business projects | | | | | | | | | | | |
| Course Outcome | The Students will be able to 1. To Outline the basics of entrepreneurship 2. Explain the process of setting up a new business together with problems to be faced 3. Examine project management 4. Examine financial analysis and sources of finance 5. Summarize idea about marketing channels. 6. Develop entrepreneurship skills | | | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 | |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 | |
| Correlation Levels | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1 ENTREPRENEURSHIP

10 Hours

Definitions and Structure, The Entrepreneurial Culture, The Concept of Entrepreneurship, Classification and Types of Entrepreneurs, Entrepreneurial Traits and Motivation, , Entrepreneur Vs. Salaried people

UNIT 2 SETTING UP A SMALL INDUSTRY& BENIFITS OF ENTREPRENEURSHIP

10 Hours

Steps for Starting a Small Industry, Selection of Types of Organization, Incentives and Subsidies, Opportunities Problems of Entrepreneurship, Sickness in Small-scale Industries - Reasons and Remedies, Importance of SME to our Economy.

UNIT 3 PROJECT MANAGEMENT.

9 Hours

Concept of Projects and Classification, Project Report, Project Appraisal, Factory location and Layout , Institutions in Aid of Entrepreneurs. Development of Women Entrepreneurs

UNIT 4 FINANCIAL ANALYSIS & SOURCES OF FINANCE

9 Hours

Financial Appraisal, Break-Even Analysis, Profitability Analysis, Sources of Development Finance, Project Financing, Institutional Finance to Entrepreneurs.

UNIT 5 MARKETING CHANNEL

7 Hours

Methods of Marketing, Marketing Channels, Marketing Institutions and Assistance, Setting Quality Standards.

Total 45 Hours

TEXT BOOKS :

1. Dynamics of Entrepreneurial Development and Management, Vasant Desai, Publisher: Himalayan Book Company
2. Entrepreneur Development, Gupta & Srinivasan, Publisher: Pearson

REFERENCES:

1. Entrepreneurship Development and Management, Dr. A.K. Singh, Publisher: Laxmi Publications
2. Entrepreneurial Development, S. S. Khanka, Publisher: S. Chand

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | |
|-------------------------------|---|--|----------------------------|-------------|--------------------------|------------------------|------------|------------------------------|------------------|-------------|-------------|
| Course Code UDBC503 | Course Name Port Management | L | T | P | C | | | | | | |
| | | 4 | 1 | 0 | 4 | | | | | | |
| Year and Semester | III (V Semester) | | | | | Contact hours per week | | | | | |
| Prerequisite course | NIL | | | | | 4 Hrs | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | Professional Elective | | | |
| | | | | | ✓ | | | | | | |
| | | Basic Science | Engineering Science | | | Open Elective | | | Mandatory | | |
| | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To impart knowledge on port ownership and their management To provide knowledge on how a port functions To create a basic understanding on port operations To give an insight into the development of ports on par with technology To provide knowledge on regulations governing ports | | | | | | | | | | |
| Course Outcome | <p>The Students will be able to</p> <ol style="list-style-type: none"> 1. Show the basic idea on the management of ports as a business entity 2. Have an understanding on infrastructure facilities and services offered by a port 3. Apply the different types of port ownership and management 4. Apply the challenges in port operations 5. Summarize understanding on how ports have transformed with the advancement in shipping technology 6. Apply the legal framework for port management | | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| Correlation Levels | 1. Slight (Low) | 2. Moderate (Medium) | 3. Substantial (High) |
|--------------------|-----------------|----------------------|-----------------------|
|--------------------|-----------------|----------------------|-----------------------|

Unit - I: Port Ownership and Management

12 Hrs

Port ownership structure- Types of port ownership and administration - Organizations concerning ports - Boards governing the ports - Port ownership in Indian context: Acts governing the Ports in India - Port ownership structure in India.

UNIT - II: PORT STRUCTURE AND FUNCTIONS

12 Hrs

Definition - Types and Layout of the Ports. Main functions and features of ports: Infrastructure and connectivity - Administrative functions - Operational functions. Main services: Services and facilities for ships - Administrative formalities - Cargo transfer - Services and facilities for cargo

UNIT - III: PORT OPERATIONS

12 Hrs

Berths and Terminals - Berth Facilities and Equipment - ship Operation – Pre-shipment planning, the stowage plan and on-board stowage - cargo positioning and stowage on the terminal - Developments in cargo/container handling and terminal operation - Safety of cargo operations - Cargo security: Measuring and evaluating performance and productivity.

Unit - IV: SHIPPING TECHNOLOGY AND PORT

12 Hrs

Phases of port development - Development in terminal operation. Shipping technology and port- Ship development and port development - Port time and ship speed - Other technical development affecting port.

UNIT - V: REGULATORY FRAMEWORK FOR PORTS

12 Hrs.

Environment regulation: Port environmental pollution - Environmental Management System – HAZMAT (Hazardous Materials) - BWM (Ballast Water Management). Port Security: ISM, ISPS, Occupation Safety and Health Administration - ISO1400.

Total 60 Hours

TEXT BOOKS :

1. Elements of shipping, Alan Branch, Publisher: Sterling/ Routledge
2. Business & Law for the Shipmaster, F.N.Hopkins, Publisher: Brown, Son & Ferguson Ltd
3. Commercial Shipping Handbook, Peter Brodie, Publisher: Lloyd's of London Press

REFERENCES :

1. Ship broking and Chartering Practice, Ihre.R&Gordon.L, Publisher: Lloyd's of London Press
2. Maritime Economics, Martin Stopford, Publisher: Routledge

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|--------------------------------------|-------------|--|-------------|-------------|-----------------------------|-------------|------------|------------------------------|-------------|------------------------------|-------------|
| PROGRAM | | B.Com (Logistics and Computer Application) | | | | | | | | | |
| Course Code UDBC504 | | Course Name: Liner Trade Operations | | | | | | L | T | P | C |
| | | | | | | | | 4 | 0 | 0 | 4 |
| Year and Semester | | III (V Semester) | | | | | | Contact hours per week | | | |
| Prerequisite course | | NIL | | | | | | 4 Hrs | | | |
| Course category | | Humanities and Social Sciences | | | Management courses | | | Professional Core | | Professional Elective | |
| | | | | | | | | ✓ | | | |
| | | Basic Science | | | Engineering Science | | | Open Elective | | Mandatory | |
| Course Objective | | To understand the liner shipping operations and its related documentations To understand the concept of stowage of cargo To understand the financial aspects of liner trade | | | | | | | | | |
| Course Outcome | | The Students will be able to 1. Explain the basics of liner trade 2. Summarize insight into the principles of stowage of liner cargo 3. Apply the fundamental of international trade 4. Apply the principles of liner service pricing 5. Outline about liner carriers' and merchants' responsibilities and limitations of liability 6. Apply the concepts of liner trade in business | | | | | | | | | |
| Pos/COs | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PSO1 | PSO2 | PSO3 | PSO4 |
| CO1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| CO2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| CO3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| CO4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 |
| CO5 | 2 | 3 | 3 | 3 | 2 | 1 | 1 | 2 | 2 | 3 | 2 |
| CO6 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 2 |
| Average | 2.17 | 2.67 | 2.33 | 2.33 | 2 | 1.67 | 2 | 2 | 2 | 1.83 | 2.17 |
| Correlation Levels | | 1. Slight (Low) | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT 1: INTRODUCTION TO LINER TRADE

12 Hrs

Characteristics of Liner shipping, Liner Service Routes - North-South East-West Trade routes, service options, basic geography, important ports of the world and their location. Different types of Liner ships - types of liner cargo

UNIT 2: STOWAGE OF LINER CARGO

12 Hrs

Concept of unitization of cargo, safety of cargo, Layout of a ship and stowage plan of a general cargo liner ship - on-board cargo handling equipment in a general cargo liner ship-, salient features of a general cargo port- role of a transit shed.

UNIT 3: FINANCIAL ASPECTS OF LINER TRADE

12 Hrs

The Bill of Lading,- its role and function in international trade- anatomy of a general cargo liner bill of lading, Mates' Receipt, Tally & Survey of cargo - process of reconciliation of Bill of Lading- the concept of "clean and claused" Bill of Lading.

UNIT 4: PRINCIPLES OF LINER SERVICE PRICING

12 Hrs

Concept of a liner voyage- operations- service patterns Structure of general cargo liner tariff, Concept of liner conference and its role in pricing - consortium/alliance

UNIT 5 : LINER AGENCY SYSTEM

12 Hrs

Roles of commercial and technical departments in a general cargo liner company - the role of a general cargo liner agent - organization structure and the responsibilities of an agent.

Total 60 hours

TEXT BOOK :

1. Elements of Shipping, 8th Edition by Alan E. Branch.
2. A Liner Shipping Network Design: Routing and Scheduling Considering Environmental Influences Volker Windeck, Springer Science & Business Media

REFERENCE BOOKS

1. Liner Trades- Seamanship International, 2010
2. Liner Shipping Economics Jan Jansson, Springer Science & Business Media

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

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|-------------------------------|---|-------------|------------------------|----------------------------|-------------|-------------|-----------------------------|------------------------|------------------------------|------------------------------|-------------|--|
| PROGRAM | B.Com (Logistics and Computer Application) | | | | | | | | | | | |
| Course Code UDBC505 | Course Name : Web Programming | | | | | | | L | T | P | C | |
| | | | | | | | | 3 | 1 | 0 | 3 | |
| Year and Semester | III (V Semester) | | | | | | | Contact hours per week | | | | |
| Prerequisite course | NIL | | | | | | | 4Hrs | | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | Professional Core | | Professional Elective | | | |
| | | | | | | | ✓ | | | | | |
| | Basic Science | | | Engineering Science | | | Open Elective | | Mandatory | | | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To learn the basics of web concepts and HTML To learn to use the Scripting Language – JavaScript in web development To learn to develop XML and DTD documents To write programs using ASP & JSP To study the concepts of servlet in web programming | | | | | | | | | | | |
| Course Outcome | <ol style="list-style-type: none"> 1. Apply solutions for static web page problem using HTML 2. Design a dynamic web page using Java script 3. Develop a well formed / valid XML document 4. Classify different scripting languages 5. Apply a server side JSP and ASP scripting languages in real world applications 6. Apply the technologies used in Web Programming | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 3 | 3 | |
| CO2 | 3 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | |
| CO3 | 3 | 2 | 3 | 1 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | |
| CO4 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | |
| CO5 | 3 | 1 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | |
| CO6 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 3 | |
| AVERAGE | 3 | 1.6 | 2.5 | 1.8 | 2.3 | 2.3 | 2.8 | 2.8 | 1.6 | 2.6 | 2.8 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT I INTRODUCTION TO HTML

9 Hours

Introduction to World Wide Web and Web Browser - Basics of HTML - Tags and attributes - Elements - Frames - Tables - Lists - Forms - Form elements- Handling images - Multimedia elements and CSS.

UNIT II BASICS OF JAVASCRIPT

9 Hours

Introduction to JavaScript - Data types and Variables – Operators – Conditionals and loops –Arrays - Functions – Built-in objects - Methods and Properties - Java script Form validation.

UNIT III SERVLETS AND JSP

9 Hours

Introduction to servlet – Servlet Overview Architecture-Life cycle of servlet Handling HTTP Request – Get and post request– JSP – Overview – life cycle –Syntax – Directives - Implicit Objects

UNIT IV INTRODUCTION TO ASP

9 Hours

ASP- Basics of ASP – Working with ASP – Creating a simple ASP - declaring variables and methods in pages – scriptlets – Session and cookies

UNIT V PHP

9 Hours

PHP Introduction –Syntax- Variables- Echo / Print - Data Types-Operators- PHP Form: handling and Validation- Decision making statement: If Else if- Looping Statement: For, while, Switch- Array- Function.

Total: 45 Hours

TEXTBOOK:

1. Deitel H.M. and Deitel P.J., “Internet and World Wide Web - How to program”, Fourth Edition, Pearson International, 2012.
2. Web Programming- Chris Bates, John Wiley & Sons

REFERENCE BOOKS:

1. Gopalan N.P. and Akilandeswari J., “Web Technology”, Prentice Hall of India, 2011.
2. Jeffrey C Jackson, “Web Technology – A computer Science perspective”, Pearson Education, 2007.

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| | | | | | | | | | | | | |
|-------------------------------|--|-------------|------------------------|----------------------------|-------------|-------------|-----------------------------|--------------------------|-------------|------------------------------|-------------|--|
| PROGRAM | B.Com (Logistics and Computer Application) | | | | | | | | | | | |
| Course Code UDBC5PA | Course Name : Web Programming (LAB) | | | | | | | L | T | P | C | |
| | | | | | | | | 0 | 0 | 2 | 1 | |
| Year and Semester | III (V Semester) | | | | | | | Contact hours per week | | | | |
| Prerequisite course | NIL | | | | | | | 2 Hrs | | | | |
| Course category | Humanities and Social Sciences | | | Management courses | | | | Professional Core | | Professional Elective | | |
| | | | | | | | | ✓ | | | | |
| | Basic Science | | | Engineering Science | | | | Open Elective | | Mandatory | | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To familiar with web page design using HTML and style sheets To know the importance of scripting languages To create dynamic web pages using scripting languages. To understand the scripting languages To develop the skills in analyzing the usage of a website | | | | | | | | | | | |
| Course Outcome | <ol style="list-style-type: none"> 1. Create a website for different application 2. Design Web pages using HTML and style sheets 3. Apply CSS to create a web page 4. Create dynamic web pages using server-side scripting. 5. Use Java script to create web pages with advanced interactivity 6. Apply basic functions in scripting languages | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 1 | 3 | 3 | |
| CO2 | 3 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | |
| CO3 | 3 | 2 | 3 | 1 | 3 | 2 | 3 | 3 | 2 | 3 | 2 | |
| CO4 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | |
| CO5 | 3 | 1 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | |
| CO6 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 1 | 2 | 3 | |
| AVERAGE | 3 | 1.6 | 2.5 | 1.8 | 2.3 | 2.3 | 2.8 | 2.8 | 1.6 | 2.6 | 2.8 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)
Course Name: B.Com (Logistics and Computer Application)

LIST OF EXPERITMENTS

1. Create a HTML page for displaying the personal information by using basic formatting tags, images, links and tables.
2. Create a HTML page for advertising the courses offered in your college using frames
3. Create a web page depicting the application form for a college
4. Create a simple XML document using CSS.
5. Create a website for your College using CSS
6. Write a program to count the number of visitors to a web page.
7. Write a program to create a form and validate a password using Servlet.
8. write a script that asks the user for a name, then greets the user with “Hello” and the user name on the page
9. Write a program to create a simple ASP page.
10. Write a ASP program by implementing session
11. Write a ASP program by implementing cookies
12. Write a program to generate the cookies.
13. Write a PHP program to display today’s date.
14. Write a PHP program to print first 10 Fibonacci Numbers.
15. Write a PHP program to display online test.

Total: 30 Hours

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

| PROGRAM | | B.Com (Logistics & Computer Applications) | | | | | | | | | | |
|--------------------------------|---|--|------------------------|-------------|--------------------------|-------------|-----------------------------|------------------------------|-------------|------------------------------|-------------|--|
| Course Code UDBC 601 | Course Name Management Information System | L | T | P | C | | | | | | | |
| | | 4 | 0 | 0 | 4 | | | | | | | |
| Year and Semester | III (VI Semester) | Contact hours per week | | | | | | | | | | |
| Prerequisite course | NIL | 4 Hrs | | | | | | | | | | |
| Course category | Humanities and Social Sciences | Management courses | | | Professional Core | | | Professional Elective | | | | |
| | | | | ✓ | | | | | | | | |
| | Basic Science | Engineering Science | | | Open Elective | | | Mandatory | | | | |
| | | | | | | | | | | | | |
| Course Objective | <ul style="list-style-type: none"> To introduce the concepts of information system To understand E-commerce and ERP concepts To Identify the role of decision support in business To understand security and social challenges in IT To learn the system concepts | | | | | | | | | | | |
| Course Outcome | <p>At the end of course, students will be able to</p> <ol style="list-style-type: none"> 1. Describe the role of information system in management 2. Apply the foundation concepts of MIS 3. Identify business system functions 4. Illustrate the role of decision support in organization 5. Summarize exposure about security, ethical, and societal challenges of IT 6. Applies the various aspects of computer system | | | | | | | | | | | |
| | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | PSO1 | PSO2 | PSO3 | PSO4 | |
| CO1 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 3 | 3 | |
| CO2 | 3 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | |
| CO3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | |
| CO4 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 | |
| CO5 | 3 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | |
| CO6 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | |
| AVERAGE | 3 | 1.6 | 2.1 | 2.5 | 2.1 | 2.5 | 2.6 | 2.8 | 1.8 | 2.8 | 3 | |
| Correlation Levels | | | 1. Slight (Low) | | | | 2. Moderate (Medium) | | | 3. Substantial (High) | | |

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CBCS SYLLABUS (2020 -21) (Regulation – D1)

Course Name: B.Com (Logistics and Computer Application)

UNIT I : FOUNDATION CONCEPTS

12 Hours

Information Systems and Technologies-Business Application, Development, and Management-Fundamentals of strategic advantage-Using Information Technology for strategic advantage. Managing data resources-Technical foundations of database management-Networked enterprise-Telecommunications network alternatives

UNIT II : FUNCTIONAL BUSINESS SYSTEMS

12 Hours

Cross-functional Enterprise systems-Electronic Commerce Fundamentals-e-Commerce Applications and Issues-Customer Relationship Management: Business Focus-Enterprise Resource Planning: Business Backbone-Supply chain Management: Business network.

UNIT III : DECISIONS SUPPORT IN BUSINESS

12 Hours

Decision support system – Group Decision Support System-Types of Decision Support System- Executive Information System- Artificial Intelligence Technologies in Business- Expert System -Developing Expert Systems- Case Studies.

UNIT IV : SECURITY, ETHICAL, AND SOCIETAL CHALLENGES OF IT

12 Hours

Security Management of Information Technology- computer crimes, securing web- Privacy issues- Cyber Law- Managing Information Technology-Managing Global IT: Dimension of Global IT-case studies.

UNIT V : COMPUTER SYSTEMS

12 Hours

End user and Enterprise Computing-Peripherals: Input, Output, and storage Technologies-Application Software: End User Applications-System Software: Computer System Management- case studies.

Total: 60 Hours.

TEXT BOOK

1. James O Brien, “Management Information Systems- Managing Information Technology in the Business Enterprise”, Tata McGraw Hill, 6th edition, 2004.
2. Essentials of Management: Information Systems- Jane Laudon and Kenneth C. Laudon, Pearson

REFERENCE BOOK

1. Guptha.A.K.(2000) ”Management Information System”, First Edition, S.Chands Company Ltd.
2. Kenneth C.Laudon and Jane P.Laudon (2013), Management Information Systems-Managing the Digital Firm”, Pearson Edition, Asia.

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