1. **Eligibility for Admission to the Course**
Candidate for admission to the first year of the B.Com (e-Commerce) degree course shall be required to have passed the higher secondary examination conducted by the Govt. of Tamil Nadu or other examinations accepted as equivalent there to by the Syndicate, subject to such other conditions as may be prescribed there for.

2. **Duration of the Course**
The course shall extend over a period of three years comprising of six semesters with two semesters in one academic year. There shall not be less than 90 working days for each semester. Examination shall be conducted at the end of every semester for the respective subjects.

3. **Course of Study**
The course of study for the B.Com (e-Commerce) degree course shall consist of the following:

   a) **Part - I**
   Tamil or any one of the following modern/classical languages i.e. Telugu, Kannada, Malayalam, Hindi, Sanskrit, French, German, Arabic & Urdu. It shall be offered for the first two semesters with one examination at the end of each semester.

   b) **Part – II : English**
The subject shall be offered during the first two semesters with one examination at the end of each semester. During third semester the subject communication skills will be offered as one of the core subject.

   c) **Foundation Course**
   The Foundation course shall comprise of two stages as follows:
   - Foundation Course A : General Awareness (I & II semesters)
   - Foundation Course B : Environmental Studies (III & IV semesters)

   The syllabus and scheme of examination for the foundation course A, General awareness shall be apportioned as follows:
   - From the printed material supplied by the University - 75%
   - Current affairs & who is who? - 25%

   The current affairs cover current developments in all aspects of general knowledge which are not covered in the printed material on this subject issued by the University.

   The Foundation course B shall comprise of only one paper which shall have Environmental Studies.
d) Part – III  
**Group A:** Core subject – As prescribed in the scheme of examination. 
Examination will be conducted in the core subjects at the end of every semester.  
**Group B:** allied subjects -2 subjects-4 papers  
Examination shall be conducted in the allied subjects at the end of first four semesters.  
**Group C:** application oriented subjects: 2 subjects – 4 papers  
The application –oriented subjects shall be offered during the last two semesters of study viz., V and VI semesters. Examination shall be conducted in the subjects at the end of V & VI semesters.  
**Group D:** field work/institutional training  
Every student shall be required to undergo field work/institutional training, related to the application-oriented subject for a period of not less than 2 weeks, conveniently arranged during the course of 3rd year. The principal of the college and the head of the department shall issue a certificate to the effect that the student had satisfactorily undergone the field work/institutional training for the prescribed period.  

**Diploma Programme:**  
All the UG programmes shall offer compulsory diploma subjects and it shall be offered in four papers spread over each paper at the end of III, IV, V, & VI semesters.  

e) **Co-Curricular activities: NSS/NCC/Physical education**  
Every student shall participate compulsorily for period of not less than two years (4 semesters) in any one of the above programmes.  
The above activities shall be conducted outside the regular working hours of the college. The principal shall furnish a certificate regarding the student’s performance in the respective field and shall grade the student in the five point scale as follows  

A-Exemplary  
B-very good  
C-good  
D-fair  
E-Satisfactory  
This grading shall be incorporated in the mark sheet to be issued at the end of the appropriate semester (4th or 5th or 6th semester).  

(Handicapped students who are unable to participate in any of the above activities shall be required to take a test in the theoretical aspects of any one of the above 3 field and be graded and certified accordingly).  

4. **Requirement to appear for the examinations**  
a) a candidate will be permitted to appear for the university examinations for any semester if  
i) He/she secures not less than 75% of attendance in the number of working days during the semester.  
ii) He/she earns a progress certificate from the head of the institution, of having satisfactory completed the course of study prescribed in the subjects as required by these regulations, and  
iii) His/her conduct has been satisfactory.  

Provided that it shall be open to the syndicate, or any authority delegated with such powers by the syndicate, to grant exemption to a candidate who has failed to earn 75% of the attendance prescribed, for valid reasons, subject to usual conditions.
b) A candidate who has secured less than 65% but 55% and above attendance in any semester has to compensate the shortage in attendance in the subsequent semester besides, earning the required percentage of attendance in that semester and appear for both semester papers together at the end of the latter semester.

c) A candidate who has secured less than 55% of attendance in any semester will not be permitted to appear for the regular examinations and to continue the study in the subsequent semester. He/she has to rejoin the semester in which the attendance is less than 55%

d) A candidate who has secured less than 65% of attendance in the final semester has to compensate his/her attendance shortage in a manner as decided by the concerned head of the department after rejoining the same course.

5. **Restrictions to appear for the examinations**

   a) Any candidate having arrear paper(s) shall have the option to appear in any arrear paper along with the regular semester papers.

   b) “Candidates who fail in any of the papers in Part I, II & III of UG degree examinations shall complete the paper concerned within 5 years form the date of admission to the said course, and should they fail to do so, they shall take the examination in the texts/ revised syllabus prescribed for the immediate next batch of candidates. If there is no change in the texts/syllabus they shall appear for the examination in that paper with the syllabus in vogue until there is a change in the texts or syllabus. In the event of removal of that paper consequent to change of regulation and / or curriculum after 5 year period, the candidates shall have to take up an equivalent paper in the revised syllabus as suggested by the chairman and fulfill the requirements as per regulation/curriculum for the award of the degree.

6. **Medium of Instruction and examinations**

   The medium of instruction and examinations for the papers of Part I and II shall be the language concerned. For part III subjects other than modern languages, the medium of instruction shall be either Tamil or English and the medium of examinations is in English/Tamil irrespective of the medium of instructions. For modern languages, the medium of instruction and examination will be in the languages concerned.

7. **Submission of Record Note Books for practical examinations**

   Candidates appearing for practical examinations should submit bonafide Record Note Books prescribed for practical examinations, otherwise the candidates will not be permitted to appear for the practical examinations. However, in genuine cases where the students, who could not submit the record note books, they may be permitted to appear for the practical examinations, provided the concerned Head of the department from the institution of the candidate certified that the candidate has performed the experiments prescribed for the course. For such candidates who do not submit Record Books, zero (0) marks will be awarded for record note books.

8. **Passing Minimum**

   a) A candidate who secures not less than 40% of the total marks in any subject including the Diploma and Foundation courses (theory or Practical) in the University examination shall be declared to have passed the examination in the subject (theory or Practical).

   b) A candidate who passes the examination in all the subjects of Part I, II and III (including the Diploma and Foundation courses) shall be declared to have passed, the whole examination.
9. Improvement of Marks in the subjects already passed
Candidates desirous of improving the marks awarded in a passed subject in their first attempt shall reappear once within a period of subsequent two semesters. The improved marks shall be considered for classification but not for ranking. When there is no improvement, there shall not be any change in the original marks already awarded.

10. Classification of Successful candidates
   a) A candidate who passes all the Part III examinations in the First attempt within a period of three years securing 75% and above in the aggregate of Part III marks shall be declared to have passed B.A/ B.Sc./B.Com./B.B.M. degree examination in **First Class with Distinctions**
   b) (i) A candidate who passes all the examinations in Part I or Part II or Part III or Diploma securing not less than 60 per cent of total marks for concerned part shall be declared to have passed that part in **First Class**
      (ii) A candidate who passed all the examinations in Part I or Part II or Part III or Diploma securing not less than 50 per cent but below 60 per cent of total marks for concerned part shall be declared to have passed that part in **Second Class**
      (iii) All other successful candidates shall be declared to have passed the Part I or Part II or Part III or Diploma examination in **Third Class**

11. Conferment of the Degree
    No candidate shall be eligible for conferment of the Degree unless he / she,
    i. has undergone the prescribed course of study for a period of not less than six semesters in an institution approved by/affiliated to the University or has been exempted from in the manner prescribed and has passed the examinations as have been prescribed therefor.
    ii. Has satisfactory participates in either NSS or NCC or Physical Education as evidenced by a certificate issued by the Principal of the institution.
    iii. Has successfully completed the prescribed Field Work/ Institutional Training as evidenced by certificate issued by the Principal of the College.

12. Ranking
    A candidate who qualifies for the UG degree course passing all the examinations in the first attempt, within the minimum period prescribed for the course of study from the date of admission to the course and secures I or II class shall be eligible for ranking and such ranking will be confined to 10 % of the total number of candidates qualified in that particular branch of study, subject to a maximum of 10 ranks.
    The improved marks will not be taken into consideration for ranking.

13. Additional Degree
    Any candidate who wishes to obtain an additional UG degree not involving any practical shall be permitted to do so and such candidate shall join a college in the III year of the course and he/she will be permitted to appear for par III alone by granting exemption form appearing Part I, Part II and common allied subjects (if any), already passed by the candidate. And a candidate desirous to obtain an additional UG degree involving practical shall be permitted to do so and such candidate shall join a college in the II year of the course and he/she be permitted to appear for Part III alone by granting exemption form appearing for Part I, Part II and the common allied subjects. If any, already passed. Such candidates should obtain exemption from the university by paying a fee of Rs.500/-.
14. **Evening College**  
The above regulations shall be applicable for candidates undergoing the respective courses in Evening Colleges also.

15. **Syllabus**  
The syllabus for various subjects shall be clearly demarcated into five viable units in each paper/subject.

16. **Revision of Regulations and Curriculum**  
The above Regulation and Scheme of Examinations will be in vogue without any change for a minimum period of three years from the date of approval of the Regulations. The University may revise/amend/change the Regulations and Scheme of Examinations, if found necessary.

17. **Transitory Provision**

Candidates who have undergone the Course of Study prior to the Academic Year 2007-2008 will be permitted to take the Examinations under those Regulations for a period of four years i.e. up to and inclusive of the Examination of April 2012 thereafter they will be permitted to take the Examination only under the Regulations in force at that time.
### Scheme of Examinations

<table>
<thead>
<tr>
<th>Semester</th>
<th>Part</th>
<th>Sl. No.</th>
<th>Subject</th>
<th>Instructional Hours Per Week</th>
<th>Duration (Hours)</th>
<th>Max. Marks</th>
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<tr>
<td>First</td>
<td>I</td>
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<td>Language I</td>
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<td>CORE: Principles of Accountancy</td>
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<td>CORE: Business Organisation and Office Management</td>
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<td>DURATION (Hours)</td>
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</table>
B.Com (E.Commerce)

SEMESTER -1

Subject Title: PRINCIPLES OF ACCOUNTANCY

Course/Subject code: 13A

Credit Hours: 5

Goal: To enable the students to learn principles and concepts of Accountancy.

Objective: On successful completion of this course, the student should have understood

- Concepts and conventions of Accounting.
- Basic Accounting framework

PRINCIPLES OF ACCOUNTANCY

UNIT –I


UNIT – II

Final accounts of a sole trader with adjustments – Errors and rectification

UNIT – III

Bill of exchange- Accommodation bills – Average due date – Account current.

UNIT – IV

Accounting for consignments and Joint ventures

UNIT – V

Bank Reconciliation statement – Receipts and Payments and income and expenditure account and Balance sheet – Accounts of professionals.

Note: Distribution of Marks between problems and theory shall be 80% and 20%.

REFERENCE BOOKS

2. T.S.Grewal – Introduction to Accountancy- S.Chand & Company Ltd.,
Subject Title: **BUSINESS ORGANISATION AND OFFICE MANAGEMENT**

**Course/Subject code: 13B**  
**Credit Hours: 4 hours**

**Goal:** To enable the students to learn principles and concepts of Business.

**Objective:** On successful completion of this course, the student should have understood
- Nature and types of business organizations.
- Process of decision-making.

**UNIT – I**

**UNIT – II**
Location of Business – Factors influencing location, localization of industries- Size of forms, Sources of Finance – Shares, Debentures, Public Deposits, Bank Credit and Trade Credit – Relative Merits and Demerits.

**UNIT – III**

**UNIT – IV**
Office – Its functions and significance – Office layout and office accommodation – Filing and Indexing

**UNIT – V**

**REFERENCE BOOKS:**
1. Y.K.Bhushan – *Business Organisation and Management* – Sultanchand & sons
2. Shukla - *Business Organisation and Management* – S.Chand & Company Ltd.,
3. Saksena – *Business Administration and Management* – Sahitya Bhavan
6. J.C.Deneyer - *Office Management*
7. Chatterjee – *Modern Business*
Advanced Accounting

SUBJECT DESCRIPTION

This course presents advanced accounting, emphasizing various aspects of accounting namely Depreciation, Branch accounts, Hire purchase and installment system, Single entry system and Partnership accounts.

GOALS:

To enable the students to learn the functional aspects of accounting.

OBJECTIVES:

On successful completion of the course, the students should have understood the accounting procedures of Depreciation, Branch accounts, Hire Purchase and Installment System, Single Entry and Partnership.

UNIT I

Depreciation – Methods - Reserves and provisions.

UNIT II

Branch accounts excluding foreign branches. Hire purchase and installment system including hire purchase trading accounts.

UNIT III


UNIT IV

Partnership Accounts - Division of Profits - Fixed and Fluctuating Capital - Past Adjustments - Guarantee of Profits - Admission - Retirement - Death

UNIT V

Dissolution of Partnership - Insolvency of Partners - Rule in Garner Vs. Murray - Piecemeal Distribution - Sale to a company.

Note: 20% Marks for theory and 80 % marks for problem.

BOOKS RECOMMENDED:

1. Jain and Narang : Advanced Accounting
2. T.S. Grewal : Advanced Accounting
3. M.C Shukla : Advanced Accounting
Subject Title: **Data Base Management System**

Subject Code: 

No of Credit Hours: 6

**Subject Description:**
To provide a thorough knowledge of the electronic data system, process structures and to enable the students to acquire practical knowledge in data base management system.

**Goals:**
To enable the students to learn the data base operations and process thoroughly.

**Objectives:**
On successful completion of the course the students should understand the architectural concept, structural embedded SQL, Hierarchical approach and Network concept.

**DATA BASE MANAGEMENT SYSTEM**

**UNIT – I**

**UNIT – II**

**UNIT – III**

**UNIT – IV**
Hierarchical Approach : IMS data structure. Physical Database, Database description. Hierarchical sequence. External level of IMS : Logical Databases, the program communication block IMS Data manipulation : Defining the Program communication Block : DL / 1 Examples.

**UNIT – V**
Network Approach : Architecture of DBTG system. DBTG Data Structure : The set construct, Singular sets, Sample schema, the external level of DBTG – DBTG Data manipulation.

**Books for Reference:**

1. An introduction to Database Systems : Seventh Edition : by C.J.Date
2. Database Systems Concepts by Abraham Silberschatz, Henry F Korth
3. An introduction to Database Systems - Bipin C Desai
Subject Title : PRINCIPLES OF MARKETING
Course Number :
No. of Credit Hours : 4 Hours Per Week
Subject Description : Facilitates the students to learn techniques of Marketing and new trends in Marketing.

Goals : To introduce the students to the fundamentals of Marketing concepts.
Objectives : On successful completion of this course the student should have Knowledge on Basics of Marketing- Consumer Behaviour-Methods of Pricing.


Books for Reference

1. Marketing Management - Rajan Sexena
2. Principles of Marketing - Philip Kotler & Gary Armstrong
3. Marketing Management - V.S. Ramasamy and Namakumari
4. Marketing Management - Rajan Nair
5. Marketing - R.S.N. Pillai & Bagavathi
B.COM. (E-Commerce)

SEMIESTER - III

Subject Title : OBJECT ORIENTED PROGRAMMING WITH C++
Course Number : 
No. of Credit Hours : 4 Hours Per Week

Subject Description : This Course enriches the knowledge of students on the Applicability of OOPs concept with the help of C++

Goals : To promote the knowledge of OOPs Concepts through C++.

Objectives : After the successful completion of the course the student must be able to construct an Application with C++

Unit – I

Unit – II

Unit – III

Unit – IV

Unit – V

Books for Reference:
B.COM. (E-Commerce)

SEMESTER - III

Subject Title: MANAGEMENT ACCOUNTING
Course Number: 
No. of Credit Hours: 4 Hours Per Week
Subject Description: This course aims to develop an understanding of the conceptual framework of management accounting

Goals: To acquaint the students, the Management Accounting Techniques that facilitates managerial decision making.

Objectives: After the successful completion of the course the student should have a thorough knowledge on the Management Accounting techniques in business decision making.

UNIT I

UNIT II

UNIT III

UNIT IV
Marginal costing and Break Even Analysis – Managerial applications of marginal costing – Significance and limitations of marginal costing.

UNIT V
Budgeting and Budgetary control – Definition – Importance, Essentials – Classification of Budgets – Master Budget – Preparation of cash budget, sales budget, purchase budget, material budget, flexible budget.

Note: Distribution of marks: Theory 40% and Problems 60%

Books for Study:
B.COM. (E-Commerce)

SEMESTER - III

Subject Title : MATHEMATICS FOR BUSINESS

Course Number :

No. of Credit Hours : 5 Hours Per Week

Subject Description : This course aims to expose the students on the applications of Mathematical Techniques in Business

Goals : To enable the students to apply mathematical knowledge to solve business problems.

Objectives : On successful completion of this course, the student should have understood the basic concepts and how to use mathematical techniques to solve the modern business problems.

UNIT – I

UNIT – II

UNIT – III

UNIT – IV
Elementary Integral Calculus – Determining Indefinite and Definite Integrals of simple Functions – Integration by Parts.

UNIT – V
Linear Programming Problem – Formation – Solution by Graphical Method Solution by Simple Method.

Note: Theory questions shall be restricted to Section A of the Question Paper

Books for Reference:

2. Sundaresan and Jayaseelan,”Introduction to Business Mathematics”,Sultan chand Co& Ltd,Newdelhi
Subject Title  : COMMERCIAL LAW

Course Number  :

No. of Credit Hours  : 3 Hours Per Week

Subject Description  : This course aims the students to understand the Fundamentals of Laws relating to Commercial Activities

Goals  : To enlighten the students’ knowledge on the basic business law

Objectives  : After the successful completion of the course the student should have a thorough knowledge on Law of Contract and relevant laws.

Unit – I


Unit – II


Unit – III


Unit – IV


Unit – V


Books for Reference:
Subject Title : INCOME TAX LAW AND PRACTICE

Course Number :

No. of Credit Hours : 6 Hours Per Week

Subject Description : This course aims to provide an in-depth knowledge on the provisions of Income Tax.

Goals : To familiarize the students with recent amendments in Income-tax.

Objectives : On successful completion of this course, the student should be well versed in the prevailing act.

UNIT I

UNIT II
Heads of Income: Income from Salaries – Income from House Property.

UNIT III
Profit and Gains of Business or Profession – Income from Other Sources.

UNIT IV
Capital Gains – Deductions from Gross Total Income.

UNIT V
Set off and Carry forward of losses – Aggregation of Income- Computation of Tax liability – Assessment of Individuals.

Note: Distribution of Marks between theory and problem shall be 40% and 60% respectively.

Books for Reference:


2. Dr. HC Mehrotra, “Income-tax Law and Accounts” Sahithya Bhavan publishers
B.COM. (E-Commerce)  
SEMESTER - IV

Subject Title : STATISTICAL METHODS

No. of Credit Hours : 5 Hours Per Week

Subject Description : This Course enable the students to Know the Statistical Techniques applicable to Business

Goals : To promote the skill of applying Statistical Techniques in Business.

Objectives : After the successful completion of the course the student must be thorough with the Statistical Techniques Applicable to Modern Business.

Unit – I
Meaning and Scope of Statistics – Characteristics and Limitations – Presentation of Data by Diagrammatic and Graphical Methods - Measures of Central Tendency – Mean, Median, Mode, Geometric Mean, Harmonic Mean.

Unit - II
Measures of Dispersion and Skewness – Range, Quartile Deviation and Standard Deviation – Pearson’s and Bowley’s Measures of Skewness.

Unit - III
Simple Correlation – Pearson’s coefficient of Correlation – Interpretation of Co-efficient of Correlation – Concept of Regression Analysis – Coefficient of Concurrent Deviation.

Unit – IV

Unit - V
Analysis of Time Series and Business Forecasting – Methods of Measuring Trend and Seasonal Changes (Including Problems)
Methods of Sampling – Sampling and Non-Sampling Errors (Theoretical Aspects Only)

NOTE  Distribution of Marks : Theory : 20 % Problems-  80%

Books for Reference:

2. S.P. Gupta, “Statistical Methods”.


Subject Title: INTERNET AND WEB DESIGNING
Course Number:  
No. of Credit Hours: 5 Hours Per Week
Subject Description: This course aids the learner to know the working of Internet, uses of search engines and procedure to develop a web page.
Goals: To make the students expertise in creating web page
Objectives: After the successful completion of the course the student must know the concepts of Internet and design a web page.

UNIT – I

UNIT – II

UNIT – III

UNIT – IV
Links - Link to another Web Page – Link within a Web Page – Link to an Image – Link to a File – E-mail Link – Link to an FTP Site – Change Link Colors – Create Keyboard Shortcuts – Change the Tab Order – Tables – Create a Table – Add a Border – Caption – Column Groups – Row Groups – Color – Background Images – Aligning Data – Size of a Table – Size of a Cell – Span Cells – Cell Spacing and Cell Padding – Borders – Text Wrapping – Nested Tables – Wrap Text around a Table.

UNIT – V

Books for Reference:
2. Eric Kramer, “HTML”.
4. John Zabour, Jeff Foust & David Kerven, “HTML 4 HOW-TO”. 
B.COM (E-Commerce)  
SEMESTER - IV

Subject Title : EXECUTIVE BUSINESS COMMUNICATION
Course Number :
No. of Credit Hours : 5 Hours Per Week
Subject Description : This course enables the learners to update with the Modern Trend of Communication Applicable to Business.
Goals : To develop the written and oral Business Communication Skills.
Objectives : After the successful completion of the course the student must be able to communicate clearly in the day-to-day business world.

Unit - I

Unit - II

Unit – III
Banking Correspondence - Insurance Correspondence - Agency Correspondence.

Unit – IV
Company Secretarial Correspondence (Includes Agenda, Minutes and Report Writing)

Unit - V

Books for Reference:
B.COM. (E-Commerce) - DIPLOMA IN BUSINESS LAW

SEMESTER - IV

Subject Title : COMPANY LAW
Course Number :
No. of Credit Hours : 3 Hours Per Week

Subject Description : This course aims to enlighten the students on the provisions of the Companies Act, 1956 along with relevant case laws.

Goals : To enlighten the students’ knowledge on Companies Act.

Objectives : After the successful completion of the course the student should have a thorough knowledge on Formation of Company, Documents required and Acts pertaining to it.

Unit - I

Unit - II
Memorandum of Association – Meaning – Purpose – Alteration of Memorandum – Doctrine of Ultravires – Articles of Association – Meaning – Forms – Contents – Alteration of Articles – Doctrine of Indoor management

Unit - III

Unit - IV
Director and Secretary – Qualification and Disqualification – Appointment – Removal – Remuneration – Powers, Duties and Liabilities.

Unit - V

Books for Reference:

5. **Singh Avtar**, “Company Law”, Eastern Book Co., Lucknow
Subject Title : SOFTWARE ENGINEERING

Course Number :

No. of Credit Hours : 4 Hours Per Week

Subject Description : This course is designed to enhance knowledge about the quality of software products.

Goals : To enable the students to familiarize with the development, operation and maintenance of software.

Objectives : After the successful completion of the course the student must be able to develop a software.

UNIT I


UNIT II

Software cost estimation: Software cost factors - Software cost estimation techniques - Estimating software maintenance costs.

UNIT III


UNIT IV

Implementation Issues - Verification and validation techniques: Quality assurance - Static analysis - Symbolic execution - Unit testing and debugging - System testing.

UNIT V

Software Maintenance: Enhancing maintainability during development - Managerial aspects of software maintenance - Configuration management – Source code metrics.

Book for Reference

B.COM (E-Commerce)

SEMESTER - V

Subject Title : COST ACCOUNTING

Course Number :

No. of Credit Hours : 6 Hours Per Week

Subject Description : This course aims to enlighten the students on the various methods of costing adopted in practice.

Goals : To keep the students conversant with the ever – enlarging frontiers of Cost Accounting knowledge.

Objectives : After the successful completion of the course the student should have a thorough knowledge on the Cost Accounting Principles and the methods of accounting cost

UNIT I

UNIT II

UNIT III

UNIT IV

UNIT V

NOTE : Distribution of marks : Theory 40% and Problems 60%

Books for Reference
B.COM. (E-Commerce)

SEMESTER - V

Subject Title : PRINCIPLES OF AUDITING

Course Number :

No. of Credit Hours : 4 Hours Per Week

Subject Description : This course aims to create interest in the minds of students towards Auditing Profession.

Goals : To familiarize the students with the Principles of Auditing.

Objectives : On successful completion of this course, the student should be well versed in the fundamental concepts of Auditing.

Unit – I


Unit – II


Unit – III


Unit – IV


Unit - V


Books for Reference

1. B.N. Tandon, “Practical Auditing”, S Chand Company Ltd
3. Spicer and Pegler, “Auditing: Khatalia’s Auditing”
Subject Title : JAVA PROGRAMMING
Course Number :
No. of Credit Hours : 4 Hours Per Week
Subject Description : This course enables the students to create Application Oriented Programming using Java
Goals : To upgrade the students in developing net based business applications.
Objectives : After the successful completion of the course the student must design an application in Java.

Unit – I

Unit – II

Unit – III

Unit – IV

Unit – V

Books for Reference

B.COM (E-Commerce)

SEMESTER - V

Subject Title : E-COMMERCE TECHNOLOGY
Course Number :
No. of Credit Hours : 5 Hours Per Week
Subject Description : This course is designed to provide knowledge about Electronic Commerce.
Goals : To enable the students to understand the technology of e-Commerce for Business Application.
Objectives : After the successful completion of the course the student must be aware of techniques in the application of e-Commerce.

UNIT I

UNIT II
Electronic Data Interchange- Benefits-EDI Legal, Security & privacy issues- EDI software implementation- Value added networks-Internal Information Systems-Work flow automation and Coordination-Customization and Internal Commerce.

UNIT III

UNIT IV

UNIT V
Electronic Payment Systems-Types-Digital Token Based Electronic Payment System-Smart Cards & Credit Card Electronic Payment Systems -Risk -Designing electronic payment system.

Book for Reference
Subject Title : BANKING AND INSURANCE LAW
Course Number :
No. of Credit Hours : 3 Hours Per Week
Subject Description : This course aims to enlighten the students on the recent trends in Banking and Insurance sector and the regulating provisions.

Goals : To enlighten the students' knowledge on Banking and Insurance Regulation Acts.

Objectives : After the successful completion of the course the student should have a thorough knowledge on Indian Banking and Insurance System and Acts pertaining to it.

Unit – I
Banker and Customer – Definition – Relationship - Functions of Commercial Banks – Recent Developments in Banking,

Unit – II

Unit – III

Unit – IV

Unit - V
IRDA - Mission - Composition of Authority - Duties, Powers and Functions - Powers of Authority - Duties, Powers and Functions- Powers of Central Government in IRDA Functioning

Books for Reference

Subject Title : RETAIL BUSINESS MANAGEMENT

Course Number :

No. of Credit Hours : 6 Hours Per Week

Subject Description : To enable the students to know the emerging trends in Retail Business.

Goals : To make the students to understand the conceptual frame work of Retail Business Management.

Objectives : On successful completion of this course, the student should be well versed in the principles involved in managing the retail business.

Unit I
Nature and Significance of Management - Objectives of Management - Functions of Management - Setting up a Retail Organization- Factors to be considered in Planning, Assessing a Retail Organization.

Unit II
Human Resources Environment of Retailing- Recruiting and Selecting Retail Personnel. Compensating Retail Personnel , Supervision of Retail Personnel.

Unit III

Unit IV

Unit V
Ethics in Retail Management – Ethical Values –Social Responsibility, Ethical Values in relation to Customers, Community & General Public, Employees, Business Partners and Shareholders – Consumerism.

Books for Reference:
1. Retail Management - Gribson G. Vedamani, Jaico publishing House, 2005
SEMESTER – VI                  B.COM. (E-Commerce)
Subject Title                  : SOFTWARE DEVELOPMENT WITH VISUAL BASIC
Course Number                  :
No. of Credit Hours            : 6 Hours Per Week
Subject Description           : This Course aids the students to develop an front end application using Visual Basic.
Goals                         : To enable the students to develop a front end tool for Customer Interaction in Business.
Objectives                    : After the successful completion of the course the student must be able to develop an application using Visual Basic.

Unit – I

Unit – II

Unit – III

Unit – IV
Creating and Using Standard Controls: Form, Label, Text box, Command Button, Check Box, Option Button, List Box, Combo Box, Picture Box, Image Controls, Scroll Bars – Drive List Box – Directory List Box - Time Control, Frame, Shape and Line Controls – Control Arrays – Dialog Boxes - Single Document Interface (SDI) – Multiple Document Interface (MDI) – Menus – Menu Editor – Menu Creation.

Unit – V

Books for Reference:
SEMESTER - VI

Subject Title     : PROJECT AND VIVA-VOCE
Course Number     :
No. of Credit Hours: 5 Hours Per Week

Subject Description: This course would create interest in the minds of students to undergo the research in Commerce / Computer Application.

Goals: To sharpen the analytical skill of the students in the Field of Research

Objectives
1. Commerce / Computer Application Based Projects are permitted.
2. Individual Project under a Supervisor / Guide.
3. Student has to carry out the project during V and VI semesters.
4. Viva-voce will be conducted in the VI semester.
5. The Project Report Evaluation and Viva-Voce Examination will be carried out jointly by internal examiner (Supervisor / Guide) and external examiner.
6. Distribution of Marks:
   Project Report Evaluation: 75 Marks
   Viva-voce Examination: 25 Marks

   ______________
   Total: 100 Marks
   ______________
Subject Title : E-COMMERCE STRATEGY AND APPLICATIONS
Course Number :
No. of Credit Hours : 6 Hours Per Week
Subject Description : This course is designed to provide an exposure about the Practical Application of e-Commerce
Goals : To enable the students to be aware on the emerging changes in marketing and advertising.
Objectives : After the successful completion of the course the student must be well versed with the e-Commerce strategies in Practical application.

UNIT I

UNIT II

UNIT III

UNIT IV

UNIT V

Books for Reference
Subject Title : CYBER LAW

Course Number :

No. of Credit Hours : 3 Hours Per Week

Subject Description : This course aims to expose the students to be aware on the Information Technology Law.

Goals : To enlighten the students’ knowledge on the basic application of Cyber Law in e-Commerce in India.

Objectives : After the successful completion of the course the student should have a thorough knowledge on the basic concepts which lead to the formation and execution of electronic contracts.

Unit I


Unit II


Unit III


Unit IV

Global Trends- Legal framework for Electronic Data Interchange: EDI Mechanism-Electronic Data Interchange Scenario in India

Unit V

The Information Technology Act 2000-Definitions-Authentication Of Electronic Records-Electronic Governance-Digital Signature Certificates.

Book for Reference:
1. The Indian Cyber Law : Suresh T. Viswanathan, Bharat Law House, New Delhi
Bharathiar University: Coimbatore – 641 046.
B.Com. (E-Commerce) Degree Course (Regular)
(With Effect from 2007-2008 Batch onwards)

Semester – III

OOPS with C++

1. Program to calculate depreciation under Straight Line method and Diminishing Balance method (using class, defining member functions outside the class).
2. Program to calculate depreciation under Diminishing Balance method (Using class, defining member function inside the class).
3. Program to calculate Economic Order Quantity (using nesting of member function).
4. Program to print the Employees' payroll statement (using control structures).
5. Program to calculate simple Interest and compound Interest (using nested class).
6. Program to calculate net income of a family (using friend function in two classes).
7. Program to print the book list of library (using array of objects).
8. Program to prepare cost sheet (using inheritance).
9. Program to calculate margin of safety (using multilevel inheritance).
10. Program for bank transaction (using constructor and destructor).
11. Program to calculate increase or decrease in working capital using operator overloading.
12. Program to create the student file and prepare the marks slip by accessin the file.

Semester – IV

Internet and Web Design

1. Create web pages for a business organisation using HTML Frames.
2. Create a Program using HTML to display the ordered list and unordered list of a Departmental Store.
4. Create a table to display list of products using HTML tag.
5. Create a document using Formatting and alignment to display Sales Letter.
6. Create a Resume using HTML Tags.
7. Create a website of your department with minimum five links using HTML.
8. Create a document using Form to support Local Processing of Order form.
9. Create a Form of the Customer Survey for the user to enter General name and address information.
10. Create a Frame to display a multiform document.

Semester – V

Java Programming

1. Write a program to check whether a given number is prime or not.
2. Write a program to check whether the given year is leap year or not.
3. Write a program to find the Sum of the series x+x^2/2! +x^3/3! +…+xn/n!
4. Write a program to find and replace a word with a string.
5. Write a program to prepare the mark list using Inheritance.
6. Create a simple calculator applet that implements the 4 basic mathematical function
7. Write a JAVA applet to calculate the payroll of employees.
8. Write a JAVA applet to create a simple spread sheet.
9. Create a program to perform Banking Transactions.
10. Create a Program to display the resume of employees.
1. Design a form with text box to perform the alignment and format function.

2. Design a form to display the list of products by declaring array function.

3. Design a form to calculate capital budgeting technique by declaring finance function and variable declaration using option button (Radio/Check box).

4. Design a form to display an advertisement banner using image box control with string function.

5. Design a form to compute cost of capital using finance function in visual basic using check box.

6. Design a form to perform working capital analysis by declaring finance function using flex grid control.

7. Design a form to display Break-even analysis using line and chart controls, by declaring variables.

8. Design a form to present product details like purchases, sales, profit, etc by declaring array functions and present the details in a rich text box (RTF).

9. Design a form to display Product Life Cycle using slider control.

10. Design a Pay Slip for an organization and create a database using SQL and Data Control.

11. Design the form to display the highlights of the budget using option button and animation.

12. Design a supermarket bill to display the sales invoice, and create a database using Data Control, option button, check box, date picker, etc.

13. Design the form to create a bank customer database by declaring simple array and multiple arrays using Data Control.

14. Design a form to calculate minimum, maximum, reorder, reorder quantity, EOQ and display the inventory control records using data object.

15. Design the form to display tree view and list of folders and files from a directory of an organization.