# 2.6 Student Performance and Learning Outcomes

# DEPARTMENT OF COMMERCE (B.COM)

#### PRINCIPLES OF ACCOUNTANCY

- 1) To enable the students to learn principles and concepts of Accountancy.
- 2) The student should have understood Concepts and conventions of Accounting. Basic Accounting framework

# **BUSINESS ORGANISATION AND OFFICE MANAGEMENT**

- 1) To enable the students to learn principles and concepts of Business.
- 2) The student should have understood Nature and types of business organizations. Process of decision-making.

# FINANCIAL ACCOUNTING

- 1) To provide basic knowledge in financial accounting concepts
- 2) The student should have Knowledge in the practical applications of accounting

#### PRINCIPLES OF MARKETING

- 1) To provide basic knowledge in marketing concepts
- 2) The student should have understood Nature and concepts of marketing.

#### HIGHER FINANCIAL ACCOUNTING

- 1) This course aims to enlighten the students on the Higher Financial Accounting procedures
- 2) To enable the students to learn the basic concepts of Partnership Accounting and allied aspects of accounting.
- 3) After the successful completion of the course the student should have a through knowledge on the accounting practice prevailing in partnership firms and other allied aspects..

#### **COMMERCIAL LAW**

1) This course aims to throw light on the various enactments pertaining to commercial activities and their significance.

- 2) To enable the students to understand the fundamentals of law relating to commercial activities.
- 3) On successful completion of this course, the student should be well versed in basic provisions regarding legal frame work governing the business world.

# PRINCIPLES OF MANAGEMENT

- 1) To enable the students to know the theories/concepts about management
- 2) To make the students to understand the elements of effective Management
- 3) the students will get an opportunity to examine and apply appropriate theories/concepts about managing in business effectively.

# **CORPORATE ACCOUNTING - I**

- 1) This aims to enlighten the students on the accounting procedures followed by the Companies.
- 2) To enable the students to be aware on the Corporate Accounting in conformity with the provision of the Companies Act.
- 3) the student should have a tharough knowledge on the accounting practice prevailing in the corporate.

# **COMPUTER APPLICATION IN BUSINESS**

- 1) This course is designed to project the utilization of Computers in the Modern Business World.
- 2) To enable the students to know the importance of Computer in Business
- 3) The student must be aware of concepts and utilization of computer in day to day life..

#### COMPANY LAW AND SECRETARIAL PRACTICE

- 1) The students on the provisions of the Companies Act, 1956 along with secretarial work relating to Corporate Entities.
- 2) To enlighten the students' knowledge on Companies Act.

3) The student should have a through knowledge on Formation of Company, Documents required and Acts pertaining to it.

# **EXECUTIVE BUSINESS COMMUNICATION**

- 1) This course enables the learners to update with the Modern Trend of Communication Applicable to Business.
- 2) To develop the written and oral Business Communication Skills.
- 3) The student must be able to communicate clearly in the day-to-day business world.

# **BANKING THEORY**

- 1) This course enables the learners to update with the Modern banking practices
- 2) To develop the knowledge in the field of banking.
- 3) The student will be able to know the functions of banks.

#### **CORPORATE ACCOUNTING - II**

- 1) This course aims to enlighten the students on the accounting procedures followed by the Companies.
- 2) To enable the students to be aware on the Advanced Corporate Accounting in conformity with the provision of the Companies Act.
- 3) The student should have a through knowledge on the Advanced Accounting Practice prevailing in the Corporates.

#### **BANKING LAW AND PRACTICES**

- 1) This course aims to enlighten the students on the Recent Trends in Banking and the regulating provisions.
- 2)To enlighten the students' knowledge on Banking Regulation Acts.
- 3) the student should have a through knowledge on Indian Banking System and Acts pertaining to it.

#### COST ACCOUNTING

1) This course aims to enlighten the students on the various methods of costing adopted in practice.

- 2) To keep the students conversant with the ever enlarging frontiers of Cost Accounting knowledge.
- 3) the student should have a thorough knowledge on the cost accounting principles and the methods of accounting cost

#### INCOME TAX LAW AND PRACTICE

- 1) This course aims to provide an in-depth knowledge on the provisions of Income Tax.
- 2) To familiarize the students with recent amendments in Income-tax.
- 3) the student should be well versed in the prevailing act.

# MANAGEMENT ACCOUNTING

- 1) This course aims to develop an understanding of the conceptual framework of Management Accounting
- 2) To acquaint the students, the Management Accounting Techniques that facilitates managerial decision making.
- 3) the student should have a through knowledge on the Management Accounting Techniques in business decision making.

#### PRINCIPLES OF AUDITING

- 1) This course aims to create interest in the minds of students towards Auditing Profession.
- 2) To familiarize the students with the Principles of Auditing.
- 3) the student should be well versed in the fundamental concepts of Auditing.

#### INDIRECT TAX

- 1) This course aims to provide knowledge on the Indirect Tax.
- 2) To familiarize the students with the major in.
- 3) The student should be well versed in the prevailing act.

# DEPARTMENT OF COMMERCE-ACCONTING & FINANCE (B.COM (A& F))

# PRINCIPLES OF ACCOUNTANCY

- 1) To enable the students to learn principles and concepts of Accountancy.
- 2) The student should have understood Concepts and conventions of Accounting. Basic Accounting framework

# **BUSINESS ORGANISATION AND OFFICE MANAGEMENT**

- 1)To enable the students to learn principles and concepts of Business.
- 2) The student should have understood Nature and types of business organizations. Process of decision-making.

#### FINANCIAL ACCOUNTING

- 1) To provide basic knowledge in financial accounting concepts
- 2) The student should have Knowledge in the practical applications of accounting

# PRINCIPLES OF MARKETING

- 1) To provide basic knowledge in marketing concepts
- 2) The student should have understood Nature and concepts of marketing.

# HIGHER FINANCIAL ACCOUNTING

- 1) This course aims to enlighten the students on the Higher Financial Accounting procedures
- 2) To enable the students to learn the basic concepts of Partnership Accounting and allied aspects of accounting.
- 3) After the successful completion of the course the student should have a thorough knowledge on the accounting practice prevailing in partnership firms and other allied aspects.

# **FUNDAMENTALS OF INVESTMENT**

1) It aims to throw light on the basics pertaining to investments and their significance.

- 2) To enable the students to understand the fundamentals of investments.
- 3) The student should be well versed in fundamentals of investments in the business scenario.

#### PRINCIPLES OF MANAGEMENT

- 1) To enable the students to know the theories/concepts about management
- 2) To make the students to understand the elements of effective Management
- 3) the students will get an opportunity to examine and apply appropriate theories/concepts about managing in business effectively.

#### ACCOUNTING FOR CORPORATE

- 1) This course aims to enlighten the students on the accounting procedures followed by the Companies.
- 2) To enable the students to be aware on the Corporate Accounting in conformity with the provision of the Companies Act.
- 3) The student should have a thorough knowledge on the accounting practice prevailing in the corporate.

# **COMPUTER APPLICATION IN BUSINESS**

- 1) This course is designed to project the utilization of Computers in the Modern Business World.
- 2) To enable the students to know the importance of Computer in Business
- 3) The student must be aware of concepts and utilization of computer in day to day life..

#### **BUSINESS LAW**

1) To enable the students to acquire knowledge of legal aspects of business.

- 2) To enlighten the students' knowledge on Business law.
- 3) The student should have a through knowledge law of contract, law of sale of goods and law of agency

#### **EXECUTIVE BUSINESS COMMUNICATION**

- 1) This course enables the learners to update with the Modern Trend of Communication Applicable to Business.
- 2) To develop the written and oral Business Communication Skills.
- 3) The student must be able to communicate clearly in the day-to-day business world.

#### BANKING THEORY

- 1) This course enables the learners to update with the Modern banking practices
- 2) To develop the knowledge in the field of banking.
- 3) The student will be able to know the functions of banks.

#### M.COM

The Master of Commerce (M.Com) degree is an intellectually stimulating and rewarding, research-based, postgraduate program. The primary purpose of the Program is to educate and train researchers who can contribute to the development of knowledge. Upon successful completion of the M.Com program, students should be able to Integrate and contextualise a comprehensive and systematic knowledge of one or more disciplines or fields, with depth, specialisation and up-to-date, benchmarked knowledge. Think epistemologically and relate theory into practice via an informed and critical understanding of the theory and research methodology of one or more disciplines or fields, and an understanding of how these relate to research problems in their specific arena of employment.

Select and apply research methods effectively, and undertake a research project in the area of business and management.

Deal with complex problems using the intellectual, research and technological resources and tools provided by a discipline or profession and thereby possibly contributing novice and unique elements to the greater body of scientific knowledge.

Effectively retrieve and process information, and engage critically with current research and scholarship in an area of specialisation.

- Present and communicate academic or professional work effectively, using the full resources of an academic discourse appropriately
  - Students will gain thorough subject knowledge and skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing.
- Students will acquire practical skills to work as tax consultant, audit assistant and other financial supporting services.
- Students will be able to do higher education and advance research in the field of commerce and finance.

# DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATIONS B.COM (CA)

# PRINCIPLES OF ACCOUNTANCY

- 1) To enable the students to learn principles and concepts of Accountancy.
- 2) The student should have understood ¬Concepts and conventions of Accounting.¬Basic Accounting framework.

# INTRODUCTION TO INFORMATION TECHNOLOGY

- 1) To provide basic conceptual knowledge about the computer systems and information technology.
- 2) The students should have thorough knowledge about concepts and principles of information technology.

#### **ADVANCEDACCOUNTING**

- 1) To enable the students to learn the functional aspects of accounting.
- 2) The students should have understood the accounting procedures of Depreciation, Branch accounts, Hire Purchase and Instalment System, Single Entry and Partnership.

#### PRINCIPLES OF MARKETING

1) To make the students understands about the "Modern Marketing and other marketing concepts.

# **DATABASEMANAGEMENTSYSTEM**

- 1) To enable the students to learn the data base operations and process on.
- 2) The students should understand the Architectural Concept, Structural Embedded SQL, Hierarchical Approach and Network Concept.

# **COST ACCOUNTING**

1) To provide adequate knowledge on Cost Accounting Practice.

# MANAGEMENT ACCOUNTING

- 1) To acquaint the students, the Management Accounting Techniquesthat facilitates managerial decision –making.
- 2) The student should have a thorough knowledge on the Management Accounting Techniques in business decision making.

# **OBJECT ORIENTED PROGRAMMING WITH C++**

- 1) To promote the knowledge of OOPs Concepts through C++.
- 2) The student must be able to construct an Application with C++.

# **BANKING THEORY**

1) To develop knowledge in the field of Banking.

# PRINCIPLES OFMANAGEMENT

To make the students to understand the elements of effective management.

# PRINCIPLES OF AUDITING

- 1) Familiarize the students with the Principles of Auditing.
- **2)** The student should be well versed in the fundamental concepts of Auditing.

# CORPORATE ACCOUNTING

- 1) To enable the students to be aware on the Corporate Accounting in conformity with the provision of the Companies Act.
- 2) The student should have a thorough knowledge on the accounting practice prevailing in the Corporate.

#### E-COMMERCE TECHNOLOGY

- 1) To enable the students to understand the technology of e-Commerce for Business Application.
- **2)** the student must be aware of Techniques in the Application of e-Commerce.

# SOFTWARE DEVELOPMENT WITH VISUAL BASIC

- 1) To enable the students to develop a front end tool for Customer Interaction in Business.
- 2) The student must be able to develop an application using Visual Basic.

# MANAGEMENT INFORMATION SYSTEM

- 1) To know the Integration of Business Information through Computers.
- 2) The student must be aware of utilization of business information for decision making.

# INTERNET AND WEB DESIGNING

- 1) To make the students expertise in creating Web Page.
- 2) The student must knowthe concepts of Internet and designs a Web Page.

B.com (Professional Accounting)

# **COURSE FEATURES**

Professional accounting graduate are chief professional accounting officer, professional accounting firm partner, finance director ,audit manager etc in industries like bank, marketing organizations, educational institutes, multinational companies . the initial package in india is around INR 2 to 3 lakhs per annum.

#### SUBJECT FEATURES

Commerce is one the founding pillars of any civilization. It helps to provide a variety of managerial skills to an aspiring student. The professional accounting concentration gives the student a theoretical understanding of how professional accounting principles work within a business context.

A core curriculum of business courses with a major in professional accounting and less intensive math requirements .the business world is and has always been a major part for any society and this course equips you with the right knowledge and skills in professional accounting and finance.

# First and second semester core papers

**Principles of Accountancy**- This subject contains basic and important accounting concepts only.

**Introduction to Information Technology**- This subject contains basic and important computer concepts only.

**Computer Applications Practical-I (MS Office)-** This subject provides basic computer knowledge and this syllabus also includes tally ERP 9.

**Mercantile law-** This subject contains commercial law, partnership act, sale of goods act etc.,,

# Third and Fourth semester core papers

**Industrial law**- This subject contains basic Factories act 1948, workmens compensation act 1923, payment of bonus act 1965, EPF, Gratutity act 1972 etc,...

**Strategic Management**- This subject helps to understands business environment, SWOT analysis, formulations of business strategies

**Cost Accounting**- This subject covers basic and important topics of cost auditing.

**Managerial Economics**-This subject provides basic knowledge about micro and macro economics, market analysis etc..,

**Computer Application Practical-II (Oracle & C++)-** This subject provides basic computer knowledge about database management system and its queries etc.. .

**Principles of Marketing**- This subject provides basic knowledge about market and marketing segments, marketing strategies etc..,

**Advanced Accounting**- This subject contains basic and important accounting methods, single entry system, partnership accounts etc..

**Executive Business Communication**- This subject provides basic business communication knowledge, business letters, enquiries ect...

**Principles of Management**- This subject provides basic process and knowledge about management.

**Company law** - This subject provides basic company knowledge about MOA, AOA, Prospectus, wind up and privileges of company, qualifications of directors etc..,

# **B.Com** (Corporate secretaryship)

This course consist of advanced study of the concepts and processes of corporate governance, with particular focus on the areas of secretarial practices and company laws. The courses curriculum consists of components of study such as corporate management practices, investment management, and economic legislations.

#### **COURSE FEATURES**

Corporate secretaryship graduate are Manager of corporate/institutional sales, Corporate financial analyst, Corporate credit analyst, Corporate sales executive, Corporate secretary.

#### SUBJECT FEATURES

Commerce is one the founding pillars of any civilization. It helps to provide a variety of managerial skills to an aspiring student. The corporate secretaryship concentration gives the student a theoretical understanding of how accounting principles and law work within a business context.

A core curriculum of business courses with a major in company related laws and business operations .the business world is and has always been a major part for any society and this course equips you with the right knowledge and skills in specialized corporate and finance.

#### core papers

#### Third semester

Financial accounting-III; This subject contains partnership related concepts only.

Commercial law; this subject is covers basic commercial laws

Companies act 2013 and secretarial practice-I; it contains entire

company legal and basic functions.

# Fourth semester

Companies act 2013 and secretarial practice-II; it contains company meeting, directors powers, wind up ect..

Corporate accounting-I-corporate accounting containing capital related accounting transactions. General law- this subject is covers basic and important laws only. Corporate finance- this subject is covers important corporate financial aspect.

# Fivth semester

Corporate accounting-II- this subject covers banking and insurance companies basic accounts

Cost accounting-cost accounting covers entire cost related operation in the business.

Industrial law-this subject covers basic and important industrial laws only

taxation-I-this subject provides clear knowledge about taxation in the assessment year

# sixth semester

security law and financial market-this subject provides clear knowledge about financial market and financial intermediaries

corporate law, this subject covers in environment laws and consumer laws, management accounting-management accounting subject covers basic budget concept and financial statement analysis tools.

# **DEPARTMENT OF MATHEMATICS**

# **COURSE OUTCOMES**

Students who successfully complete the mathematics major will be able to:

- Demonstrate an understanding of the foundations and history of mathematics
- Perform computations in higher mathematics
- Develop and maintain problem solving skills
- Use mathematical ideas to model real-world problem
- Communicate mathematical ideas with others
- Utilize technology to address mathematical ideas

# **MATHEMATICS OUTCOMES**

SUBJECT	OUTCOMES
CLASSICAL ALGEBRA	Students should gain knowledge about
	the convergence and divergence of the
	series and to find the roots for the different
	type of the equation
CALCULUS	Students to learn and gain knowledge
	about curvatures, integrations and its
	geometrical applications.
	Students should gain knowledge above
ANALYTICAL GEOMENTRY	fundamental ideas about coordinate
	geometry.
TRIGNOMETRY	To learn about the expansion of
	trigonometrical functions and to gain
	knowledge about vector treatment this will
	help them to deal the analytical geometry
	problems using vector method.

	To learn about the concept about the
STATISTICS	forces, resultant force of more than one
	force acting on a surface, friction and
	center of gravity.
	Students should gain the knowledge about
DIFFERENTIAL EQUATION	the method of solving differential
	equations. It also exposes differential
	equation as powerful tool in solving
	problems in physical and social sciences.
	To impart knowledge in concepts and tools
OR -1	of Operations Research. To understand
	mathematical models used in Operations
	Research. To apply these techniques
	constructively to make effective business
	decisions
	The students understand the reason for
DYNAMICS	dynamic changes in body.
	To impart knowledge in concepts and tools
	of Operations Research. To understand
OR – II	mathematical models used in Operations
	Research. To apply these techniques
	constructively to make effective business
	decisions.
	Learnt basic structure, operators and
C LANGUAGE	statements of c language. Learnt arrays,
	functions and solve the problems
	regarding about it.
	The students should gain the knowledge
REAL ANALYSIS –I	about real and complex numbers, sets and
	metric space.
	The students learned about the origin,
COMPLEX ANALYSIS – I	properties and application of complex

	numbers and complex functions.
	To impart knowledge about the formal
DISCRETE MATHEMATICS	languages automata theory, lattices &
	Boolean algebra and graph theory.
	The students should have concrete
MODERN ALGEBRA – I	knowledge about the abstract thinking like
	sets, groups and rings by proving
	theorems.
	To impart knowledge in concepts and tools
OR – III	of Operations Research 2. To understand
	mathematical models used in Operations
	Research 3. To apply these techniques
	constructively to make effective business
	decisions
	It exposes the students to study numerical
NUMERICAL METHODS – I	techniques as powerful tool in scientific
	computing.
	The students should gain the knowledge
REAL ANALYSIS –II	about the nature of functions mappings.
	The students to learned about complex
COMPLEX ANALYSIS - II	number system, complex function and
	complex integration.
	Learnt basic structure, operators and
C++ LANGUAGE	statements of c ++ language. Learnt
	arrays, functions and solve the problems
	regarding about it.
	It enables the students to understand the
MODERN ALGEBRA – II	concept of matrices and linear
	transformations.
	To impart knowledge in concepts and tools
OR – IV	of Operations Research. To understand

	mathematical models used in Operations
	Research. To apply these techniques
	constructively to make effective business
	decisions
	It exposes the students to study numerical
NUMERICAL METHODS – II	techniques as powerful tool in scientific
	computing.

# **Department of English**

# Prose –I & II (B.A.English)

- 1. This paper aims at introducing the students to the important authors of English.
- 2. On successful completion of the paper the students should have known about the writers of prose in English.

# Fiction-I &II

- 1. This paper throws more light on Novels and Novelists in English.
- 2. On successful completion of the paper the students should have known of more Novels and Novelists.

# Poetry -I &II

- 1. This paper aims at introducing the students to the field of poetry in English.
- 2. On successful completion of the paper the students should have known the poets and poems in English Literature.

# Drama-I & II

- 1. Throws more light on Dramas and Dramatists in English.
- 2. The students should come to know more of Dramas and Dramatists in English.

# Shakespeare -I & II

- 1. To enable students to establish Shakespeare's importance to English Literature and Language
- 2. To enable them to identify communicative strategies in the prescribed plays.

# Indian Writing in English

- 1. This paper introduces to the students the Indian Authors Writing in English.
- 2. On successful completion of the paper the students should have come to know about Indian Authors and their works.

#### American Literature

- 1. This paper introduces to the students the American Authors and their works.
- 2. On successful completion of the paper the students should have come to know about American Literature in General.

#### Common wealth literature

- 1. To enable students to form an overview of literatures in Commonwealth Nations.
- 2. To help students capture the tenor and manner of expression in writings by non-native user of English.

# Intensive study of an Author –Tagore

- 1. This paper throws more light on Tagore and his works.
- 2. On successful completion of the paper the students should have come to come to know more about Tagore and his works.

# Indian Literature in English Translation.

- 1. This Paper gives the students knowledge's of Indian Literature written in Indian Languages and Translated in English.
- 2. On successful completion of the paper the students should have come to know of Indian Works written in Indian Languages and Translated in English.

# Department of Computer Science Program Outcomes B.Sc( Computer Science ) and BCA

#### 1. COMPUTING FUNDAMENTALS & C PROGRAMMING

- a) The student must know the Computer Fundamentals
- b) The student must have the Programming ability in C language.

# 2. DIGITAL FUNDAMENTALS & COMPUTER ARCHITECTURE

- a) The student must know the Computer Fundamentals & Architecture
- b) The student should have the Knowledge on Digital Circuits, Microprocessor Architecture and Interfacing of various components.

#### 3. C++ PROGRAMMING

- a) The student must know the OOPs Concepts.
- b) The student must have the Programming ability in C++ language.
- c) The student must know the Knowledge on Object-Oriented Programming Concepts using C++.

# 4. DATA STRUCTURES

- a) The student must know the Structure of data and can make the algorithms much simpler, easier, to maintain.
- b) The student must have the ability to design and store data for the purpose of working on it with various Algorithms.

# 5. JAVA PROGRAMMING

- a) The student must have the programming ability in Java Programming.
- b) The student should have the Knowledge to create wide range of applications and Applets using Java.

#### 6. SYSTEM SOFTWARE & OPERATING SYSTEM

- a) The student must know the Knowledge on various System Software and Operating Systems.
- b) The student must get the sufficient Knowledge on various system resources.

#### 7. LINUX AND SHELL PROGRAMMING.

- a) The student must know the Linux and Shell Programming Concepts.
- b) The student must Know the locating System Programs and development resources.

#### 8. RDBMS & ORACLE

- a) The student must have the Knowledge on Oracle Programming techniques.
- b) The student should have the Knowledge on RDBMS Concepts and programming with Oracle.

# 9. VISUAL BASIC

- a) The student must know how to build Windows Applications using Structured and Object based programming techniques.
- b) The student must have the Programming ability and analyse program requirements.
- c) The student must have the ability to Design / Develop programs with GUI Interfaces.

#### 10. GRAPHICS & MULTIMEDIA

- a) The student must have the Knowledge on Graphics & Multimedia Concepts.
- b) The student must have the Mathematical Knowledge on Graphics and Technical background of Multimedia.

# M.Sc.(Computer Science)

#### 1. ANALYSIS AND DESIGN OF ALGORITHMS

- a) The student must learn the elementary Data Structures & Algorithms.
- b) The student should understood the various design and analysis of the algorithms.

#### 2. OBJECT ORIENTED ANALYSIS & DESIGN & C++

- a) The student must learn C++ and object modules.
- b) The student should understand the concepts in object modules and the basically the C++ language.

#### 3. ADVANCED NETWORKS

- a) The student should learn the Digital Network, Internet Protocol and UDP diagrams.
- b) The student should have gained in depth knowledge of Internet Protocol and their functionalities.

#### 4. ADVANCED SOFTWARE ENGINEERING

- a) The student must learn the concepts of Software Engineering.
- b) The student should understand the concepts of Software Engineering and the concepts of Software Project Management.

#### 5. DATA MINING & DATA WAREHOUSING

- a) The student must learn the Data mining tasks & Data warehousing techniques.
- b) The student should have the Knowledge of Association Rules, Clustering techniques and Data warehousing.

#### 6. ADVANCED OPERATING SYSTEM

- a) The student must learn the basics of Operating System, Distributed Operating System and UNIX Operating System.
- b) The student should have understood the IPC problems and File Caching schemes.
- c) The student should gained Knowledge in Distributed Operating System and UNIX Operating Systems.

#### 7. ADVANCED JAVA PROGRAMMING

- a) The student must learn the basic functions, principles and concepts of advanced Java Programming.
- b) The student should have acquired skill in Advanced Java Programming.

#### 8. ARTIFICIAL INTELLIGENCE & EXPERT SYSTEMS

- a) The student must learn the concepts of Artificial Intelligence & Expert Systems.
- b) The student must learn the Heuristic techniques and reasoning.

# 9. DIGITAL IMAGE PROCESSING

a) The student must learn the fundamentals of Digital Image Processing, Image Compression & Segmentation.

#### 10. PYTHON PROGRAMMING

- a) The student must gain knowledge in Python Programming.
- b) The student should have
- i) To develop an understanding on the basic concept of Python Programming.
- ii) To understood File operations, classes and objects.
- iii) To create Client server Networking applications.
- iv) To develop web applications using Python.

# 11. NETWORK SECURITY & CRYPTOGRAPHY

- a) The student must learn the concepts of Network Security & Cryptography.
- b) The student should understand the process of implementing the Cryptographic Algorithm.

# 12. BUSINESS INTELLIGENCE

- a) The student must learn the concepts of Big Data.
- b) The student must understand the process of implementing Big Data.

# B.Lit (TAMIL)

பி.லிட்., பாடத்திட்டத்தில் ஆறுதாள்கள் இலக்கணத் தாள்களாகும்.

இவை விரிவாகத் தமிழின் எழுத்து, சொல்,பொருள், யாப்பு, அணி முதலிய இலக்கணங்களைக் கற்க உதவுகின்றன. இதனால் மாணவர்களது மொழித்திறன் சிறப்பாக மேம்படும். அதே போல சங்ககால இலக்கியங்கள் தொடங்கித் தற்கால

இலக்கியம் வரை உள்ள தாள்கள் தமிழ் இலக்கிய வரலாற்றைத் தெளிவாக அறிந்து பயன் பெற உதவுகின்றன. தமிழர் வரலாற்றையும் வாழ்க்கை முறையையும் பண்பாட்டையும் சமய ஒழுகலாறுகளையும் நன்கு உணர்ந்து கொள்ளத் தமிழகவரலாறும்பண்பாடும், தமிழ்மொழிவரலாறு, இந்தியத்தத்துவஞானம்,

சைவசித்தாந்தம் முதலிய தாள்கள் பயன்படுகின்றன. ஆங்கில மொழிவளத்தைப் பெருக்க நான்கு தாள்களும் இப்பாடத்திட்டத்தில்இடம்பெற்றுள்ளன. இவ்வாறுதமிழ்இலக்கிய, இலக்கணபரப்பைவிரிவாகஅறிமுகம்செய்வதோடுஅதனோடுதொடர்புடையபிற துறை அறிவையும்மாணவர்கள்பெற்றுப்பயன்பெறஇப்பாடத்திட்டம்பெரிதும்பயன்படுவதாக உள்ளது.

எம்.ஏ(தமிழ்)

இதே அடிப்படையில் எம்.ஏ பாடத்திட்டமும் வடிவமைக்கப்பட்டுள்ளது.

Principal

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