NAME OF PROGRAMME: BACHELOR OF COMMERCE (B.COM.)

The Three year B.Com degree program, is affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur, to facilitate a deep understanding of how business organizations work.

B. COM. PROGRAMME OBJECTIVES:

1. To facilitate a deep understanding of how business organizations work.

2. To develops knowledge and skills in core subjects like Accounting, Finance, Banking & Insurance, Marketing, Taxation and others.

3. To give practical exposure through numerous activities aimed at developing their personality and making them competent enough to face the challenges of the competitive world

B. COM. PROGRAMME OUTCOMES:

1. After completing three years of Bachelors in Commerce (B.Com) program, students would gain a thorough grounding in the areas related to Commerce and Finance.

2. Learners would be able to apply their practical knowledge to face the modern-day challenges in commerce and business.

3. Learners would be updated on trends in Marketing, Banking and Management.

4. Learners will acquire the skills like effective communication, decision making, problem solving.

5. Learners will gain knowledge about various subjects within disciplines of commerce accounting, like economics, finance, auditing and business law.

B COM: ADVANCED ACCOUNTING

PROGRAMME SPECIFIC OBJECTIVES

1. To impart the knowledge of various accounting concepts

2. To instill the knowledge about accounting procedures, methods and techniques.

3.To acquaint them with practical approach to accounts writing by using software package.

4. To expose students to Advanced Accounting issues and practices

PROGRAMMEE SPECIFIC OUTCOMES:

By the end of the course the student will be able

1.To prepare Financial statements and Income Tax Computaion

2.Understand all about .Gross Income and deductions

3.To File Individual Income Tax

4. Understand Responsibility of Auditor and Prepare Audit Reports

5.To work in the accounting fieldsin various industries.

COURSE OUTCOMES:

B ComI –Sem I &II

Financial Accounting

1. Acquire knowledge of various accounting concepts
2. Acquire knowledge about accounting procedures, methods and techniques.
3. Get acquainted with practical approach to accounts writing by using software package.

Business Economics

1. Students of Commerce will gain knowledge of basic micro economic concepts and develop an analytical approach to the subject matter.
2. Student will be able to use and apply various economic theories
3. Student will be able to apply economic reasoning to problems of business.

Business Mathematics
1. Get prepared for competitive examinations
2. Understand the concept of Simple interest, compound interest and the concept of EMI.
3. Understand the concept of shares and to be able to calculate Dividend
4. Understand the concept and application of profit and loss in business.

Principles of Marketing

1. Students will become aware about market and marketing.
2. Students will be able establish link between commerce/Business and marketing.
3. Students will be able understand the basic concept of marketing.
4. Students will be able to generate ideas for marketing research.
5. Students will develop an analytical ability to plan for various marketing strategy.

Principles of Management

1. Students will gain knowledge & understanding about business management concept.
2. Students will be able to understand about various functions of management.
3. Students will learn managerial skills

Compulsory English

1. Students will Develop interest to communicate in English
2. Students will understand the importance and utility of English language
3. Students will develop overall linguistic competence and communicative skills
4. Development of oral and written communicative skills to enhance employability.

B Com II--- Sem III & IV

English for Communication- III& IV

1. Identify various types of prose and poetry
2. Comprehend and analyze the prescribed literary texts
3. Apply and illustrate concepts of grammar, Prose and Poetry.
4. Use English language for speaking and writing and developing vocabulary
5. Write Resume and face interview with confidence
6. Students will be able to develop and enhance employability skills
7. Understand the characteristics and types of prose and poetry
8. Use English language for speaking with confidence
9. Develop Life skills of students through prescribed literary texts
10. Identify errors and speak and write correctly in English
11. Simulate their Critical thinking and writing skills

Fundamentals of Entrepreneurship Development

1. Recall the basic concepts Entrepreneurship.
2. Interpret New Dimensions of Entrepreneurship
3. Analyze Entrepreneurship and Micro, Small and MediumEnterprises(MSME)
4. Assess the Problems of MSME
5. Write a project report for any business proposal.
6. Recall the basic concepts Entrepreneurship Development.
7. Summarize and articulate entrepreneurship in different sectors.
8. Analyze Entrepreneurship and Micro, Small and Medium Enterprises(MSME)
9. Assess the causes of Industrial Sickness.
10. Adapt lessons learned from successful entrepreneurs.

Business Economics- II

1. To describe the nature and scope of macroeconomics.
2. To illustrate the concept of national income and application of computingnational income.
3. To understand changing value of money and its impacts on developingeconomy.
4. To learn theories and application of output and employment.
5. To introduce basics of business cycle and its impact on macroeconomicvariables.
6. To develop ability in the students to understand public finance and its impact on economy and citizen of the country.
7. To acquaint the students to learn theories of international trade & determination of exchange rate.

Money and Financial System- II

1. To describe the nature and scope of Money.
2. Apply the knowledge of money and banking in their life.
3. Apply the knowledge of money and capital market for their financial stability.
4. Versed the concepts and types of finance.
5. Apply the knowledge of opening, operating, transferring and closing of bank accounts.
6. To Aware about the credit policy and banking principles.

7. Apply the knowledge of recent technology of banking operation.

8. To understand Reforms in Banking Sector in India.

Corporate Accounting

1. Have knowledge about various aspects and legal provisions relating toCompany Accounts

2. Be able to solve practical problems on various vital aspects of company accounts by applying the theoretical knowledge

3. Practice the fundamental accounting process on Tally ERP.

Statistics

1. Understand basic Statistical components in Business.

2. Understand the role of Statistics in taking various commercial decisions

3. To make his mind set for taking up entrepreneurship as career.

Business Statistics-II

1. Understand the role of probability for taking various decisions in business

2. Compare the current trends in business with that in the past

3. Measure changes in the value of money at different places and times

4. Check the quality of the business process.

B Com III—Sem V & VI

Business Regulatory Framework
1. Students will be acquainted with the basic concepts, terms & provisions of Business Laws.

2. Students will developthe awareness regarding these laws affecting business, trade and commerce.

3. Students will know practices of law

Modern Management Practices:

1. Students will be updated about recent trends in management

2.Students will be acquainted the with Modern Management Principles and Practices.

3. Students will be able to o prepare SWOT Analysis toanalyze business and its environment

Business Economics

1.Students will be updated about business policies and practices

2. Students will get knowledge about the LPG and NEP and its impact

3. Students will understand the trade cycles of business

Cooperative Development

1. Students will be exposed to Cooperative Movement in India and Maharashtra

2. Students will be understand the practices of cooperative Development

3. Students will understand the working of cooperative organisations for benefit of weaker section

Advanced Accounting. Paper I

1.Students will get knowledge of various accounting concepts

2.Students will gain knowledge about accounting procedures, methods and techniques.

 3.Students will be acquainted with practical approach to accounts writing by using software package.

Advanced Accounting Paper II

1.Students will learn.Income Tax Computaion, Investments andFinancial statements

 2.Students will learn about.Gross Income and deductions

3. Students will be get knowledge aboutIndividual Income Tax

4 Students will learn .Responsibility of Auditor

5Students will be able to Prepare Audit Reports

NAME OF THE PROGRAMME: BACHELOR OF BUSINESS ADMINISTRATION

(B.B.A.)

The Three year B.B.A. program is affiliated to PunyashlokAhilyadeviHolkar Solapur University, Solapurwith Marketing & Finance specialization

B.B.A. PROGRAMME OBJECTIVES

1. To provide adequate basic understanding about management education among the students.

2. To prepare students to exploit opportunities being newly created in the management profession.

3. To train the students in communication skills effectively.

4. To develop appropriate skills in the students so as to make them competent and provide themselves self-employment.

5. To inculcate entrepreneurial skills.

6. To provide a comprehensive understanding of procedural aspects of international Business

B.B.A. PROGRAMME OUTCOMES

Aftercompletion ofthe course:

1. Students will develop a strong foundation toPursue professional careers and take up higher learning courses such as MBA, MCA, M. Phil, Ph.D as well as any other research.

2. Students will be able tomake a positive contribution to business, trade and industry in all contexts.

3. Students will be able to apply knowledge of management theories and practices to solve business problems.

4. Students will be developed with Problem solving, decision making & leadership abilities for upcoming ventures.

BBA-I Semester I & II

Semester-I

Subject: Principles of Management-I (Subject Code: CC-1)

Course Outcomes:

To develop understanding regarding basic concepts and functions of Management.

Subject: Business Communication-I (Subject Code: CC-2)

Course Outcomes:

To acquaint students with importance of communication in business.

Subject: Accounting for Business-I (Subject Code: CC-3)

Course Outcomes:

a) To develop awareness about accounting as a language of business.

b) To impart basic accounting knowledge as applicable to business.

Subject: Business Economics –I (Subject Code: CC-4)

Course Outcomes:

a) To provide basic knowledge of the micro economic theory.

b) To enable students to apply this knowledge in business decision making.

Subject: Business Organisation & Environment-I (Subject Code: CC-5)

Course Outcomes:

a) To acquaint the students with various forms of business organization.

b) To make the students aware about developments in the business world.

c) To provide basic knowledge of business environment.

d) To enable them for formulating appropriate business strategies.

Subject: Practicals on Management-I (Subject Code: AECC-1)

Course Outcomes:

a) To expose the student with current developments in business.

b) To improve communication skill of the students.

Semester-II

Subject: Principles of Management-II (Subject Code: CC-1)

Course Outcomes:

To develop understanding regarding basic concepts and functions of Management.

Subject: Business Communication –I (Subject Code: CC-2)

Course Outcomes:

To improve oral communication of students.

Subject: Accounting for Business-II (Subject Code: CC-3)

Course Outcomes:

To impart basic cost accounting knowledge as applicable to business.

Subject: Business Economics –II (Subject Code: CC-4)

Course Outcomes:

     a) To provide basic knowledge of the micro economic theory.

     b) To enable students to apply this knowledge in business decision making.

Subject: Business Organisation & Environment-II (Subject Code: CC-5)

Course Outcomes:

a) To acquaint the students with various forms of business organization.

b) To make the students aware about developments in the business world.

c) To provide basic knowledge of business environment.

d) To enable them for formulating appropriate business strategies

Subject: Practicals on Management-II (Subject Code: AECC-1)

Course Outcomes:

a) To expose the student with current developments in business.

b) To improve communication skill of the students.

BBA II SEM III

Subject: Research Methodology- I

Course Outcomes:

1. Understanding of concepts of marketing research

2. Awareness about data collection methods and scaling techniques

3. Understanding of sampling concepts

Subject: Foundation of Human Skills- I

Course Outcomes:

1. Students will practically analyze themselves through SWOT and Ikigai
2. Students will understand what expected behavior in organization is.
3. Students will learn managing strategies of time and stress.

Subject: International Business – I

Course Outcomes:

1. To get an overview of the key issues and concepts of International Business.
2. Understand how and why the world's countries differ.
3. Understand the monetary framework in which international business transactions are conducted.
4. Understand the role of International Organizations and Regional Trade blocks.
5. Implement the decisions for international operations in a superior manner.
6. Demonstrate an understanding of the forces that shape the export and import
7. Explain why business ethics is an integral part of every export and import.
8. Recognize challenges and opportunities for Foreign Trade markets
9. Critically analyze the procedures in Exports and Imports
10. Explore strategies and analyze the impact of Global strategies in International Business
11. Evaluate the impact of statutory and regulatory compliances on an organizations integrative trade initiatives.

Subject: Entrepreneurship Development & SME – I

Course Outcomes:

1. Students will identify the ways in which entrepreneurs perceive opportunity, manage risk, organize resources and add value.
2. Students will understand the meaning of entrepreneurship and innovation from both a theoretical and practical perspective, and the role of the entrepreneur in the new enterprise creation process.
3. Students are able to develop a plan for implementing entrepreneurial activities in a globalised and competitive environment being responsible for the social, ethical and culture issues.
4. Describe the opportunities in Entrepreneurship in the context of Globalization and Liberalization.
5. Discover skills to succeed as an entrepreneur.
6. Comprehend enterprises establishment process.

Subject: IT for Management- I

Course Outcomes:

1. Gain in depth knowledge of working of an IT enabled organisation.
2. Learn to use various IT tools for solving Business Problems.
3. Understand the different elements of Information Technology
4. Understand the importance of MS Office in carrying out organizational activities.
5. Get hands on experience in working with MS Office

BBA II SEM IV

Subject: Research Methodology – II

Course Outcomes:

1. Understanding of statistical applications in research.
2. Conducting marketing research with report preparation.

Subject: Foundation of Human Skills – II

Course Outcomes:

1. Student will develop ability to adapt proper body gestures and body language
2. Students will adapt professional etiquettes and manners
3. Students will understand Team building and develop ability to be a team player

Subject: International Business – II

Course Outcomes:

1. To get an overview of the key issues and concepts of International Business.
2. Understand how and why the world's countries differ.
3. Understand the monetary framework in which international business transactions are conducted.
4. Understand the role of International Organizations and Regional Trade blocks.
5. Implement the decisions for international operations in a superior manner.
6. Demonstrate an understanding of the forces that shape the export and import.
7. Explain why business ethics is an integral part of every export and import.

Subject: Entrepreneurship Development & SME – II

Course Outcomes:

1. Students are able to understand the concept of SME.
2. Analyse & create the various business plans.
3. Analyse the various schemes of govt. institutions.
4. Acquaint with the role of various agencies promoting Entrepreneurship development.
5. Select the optimum financial and human resource management plan for an enterprise.
6. Integrate the skills to develop a business plan to start a small enterprise.

Subject: IT for Management-II

Course Outcomes:

1. Develop and implement Information Systems for Business Applications.
2. Learn to increase efficiency of various management processes by using IT enabled technology.
3. Analyse various security and ethics related issues pertaining to the increasing use of Information Technology.

BBA-III Semester V & VI

Semester-V

Subject-Marketing Management-I (Subject Code: CC 11)

Course Outcome:

1. To create understanding of fundamental concepts of marketing amongst students.

2. To familiarise students with various functions of marketing management.

Subject-Financial Management-I (Subject Code: CC 12)

Course Outcome:

The course aims to **develop a foundation of financial management concepts** and enables the student to understand how business concerns make important financial decisions, and to know the role of ratio analysis in business decisions.

Subject-Human Resource Management–I (Subject Code: CC 13)

Course Outcome:

To familiarize the students to the basic concepts of Human Resource Management in order to aid in understanding how an HR department functions, and in understanding the challenges faced by managers in today's business firms.

Subject: Production Management-I (Subject Code: CC 14)

Course Outcome:

1) To provide students with basic understanding of concepts of Production management.

2) To introduce students to the key activities performed by the Production function.

3) To understand global trends in Production management.

Subject: Taxation (Subject Code: SEC 1)

Course Outcome:

To Familiarize students with Taxation & GST Concepts & Its Applications.

Group A- Marketing Specialization

Subject: Retailing Management – I (Subject Code: DSE 1)

Objectives:

1. To create understanding of various retailing fundamental concepts amongst students.

2. To familiarise students with different decisions required for retail store set up.

Group B-Finance Specialization

Subject-Cost & Management Accounting-I (Subject Code: DSE 2)

Course Outcome:

For students, this subject is particularly important and beneficial because it helps in developing the concept of optimum utilisation of available resources. For the management of an organization, it is a crucial discipline as the information collected and presented to management is based on cost and management accounting techniques which in turn helps the management to solve not only specific difficulties but also guides them in decision making.

Semester-VI

Subject-Marketing Management-II (Subject Code: CC 11)

Course Outcome:

1. To develop detailed understanding of marketing mix elements.

2. To familiarise students with marketing decision making.

Subject-Financial Management-II (Subject Code: CC 12)

Course Outcome:

The course aims to **develop a foundation of financial management concepts** and enables the student to understand how business concerns make important financial decisions, and to know the role of ratio analysis in business decisions.

Subject-Human Resource Management-II (Subject Code: CC 13)

Course Outcome:

1. To gain an insight in to the functioning of Compensation Management, Performance Appraisal, employee mobility and career planning and development.

2. To create an awareness about recent trends and Practices of human resource Management**.**

Subject: Production Management-II (Subject Code: CC 14)

Course Outcome:

1) To provide students with basic understanding of concepts of PPC.

2) To introduce students to the key activities performed by the Maintenance function.

3) To acknowledge the students with Purchasing & Material Management.

Subject: Project Work (Subject Code: SEC 1)

Course Outcome:

To expose the BBA students to practical application of theoretical concepts, which they have learnt during the BBA course.

Group A-Marketing Specialization

Subject: Retailing Management – II (Subject Code: DSE 1)

Course Outcome:

1. To create understanding of various retailing operations and marketing strategy in retail.

2. To familiarise students with different technologies used in retail operations.

Group B-Finance Specialization

Subject-Cost & Management Accounting-II (Subject Code: DSE 2)

Course Outcome:

For students, this subject is particularly important and beneficial because it helps in developing the concept of optimum utilisation of available resources. For the management of an organization, it is a crucial discipline as the information collected and presented to management is based on cost and management accounting techniques which in turn helps the management to solve not only specific difficulties but also guides them in decision making.

Name of the Programme: Bachelor of Computer Application (B.C.A.)

The Three year B.C.A. program is affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur

B.C.A. PROGRAMME OBJECTIVES

1.To provide a foundation of computing principles and business practices for effectively using/managing information systems and enterprise software.

2. To help students analyse the requirements for system development

3. To exposes students to business software and information systems.

4. To enhances the logical thinking and software, website, web-based application development ability of students

B.C.A PROGRAMME OUTCOMES:

Upon successful completion of the course, a student will be able :

1. To understand theory of Digital Design and Computer Organization to provide an insight of how basic computer components are specified.

2. To understand the functions of various hardware components and their building blocks

3. To understand and appreciate Boolean algebraic expressions to digital design

4. To Develop in depth understanding of sequential, Combinational circuits

5. To Develop in depth understanding of realization of different combinational/sequential circuits

6. To Understanding of different stages of an instruction execution

7. To Understand how different hardware components are related and work in coordination.

BCA-I Sem-I

English (Business Communication)

1. Students will be able to learn and develop their vocabulary and spoken English
2. Students will be able to enhance their communication skills.

Fundamentals of Computers

1. Describe the usage of computers and why computers are essential components in business and society.
2. Utilize the Internet Web resources and evaluate on-line e-business system.
3. Solve common business problems using appropriate Information Technology applications and systems.
4. Identify categories of programs, system software and applications. Organize and work with files and folders.
5. Describe various types of networks network standards and communication software.

Logic Development With 'C' Programming

1. Given a computational problem, identify and abstractthe programming task involved.
2. Approachthe programming tasks using techniques learned and write pseudocode.
3. Choosethe right data representation formats based on the requirements of the problem.
4. Write the program on a computer, edit, compile, debug, correct, recompile and run it.
5. Identify tasks in which the numerical techniques learned are applicable and apply them to write programs, and hence use computers effectively to solve the task.

Basics of Web Programming – I

1. Structure and implement HTML/CSS.
2. Apply intermediate and advanced web development practices.
3. Implement basic JavaScript.

Software Engineering I

1. Analyze the various aspects of software requirement engineering.
2. Understand the importance of establishing the boundaries of a system and the concept of various models.
3. Understand and analyze the decisions about the system architectural design process.

Basics of Mathematics – I

1. At the end of the syllabus, students will come to understand the importance of mathematics in computer science.

Statistical Methods-I

1. Describe and discuss the key terminology, concepts tools and techniques used in statistical analysis.
2. Critically evaluate the underlying assumptions of analysis tools.
3. Understand and critically discuss the issues surrounding sampling and significance.

Digital Electronics

1. Distinguish between analog and digital systems.
2. Identify the various digital ICs and understand their operation.
3. Apply Boolean laws and K-map to simplify the digital circuits.

Development of Human Skills

1. Students will be able to learn and develop human skills and overall personality
2. Students will be able to learn the soft skills necessary in the workplace.

BCA-I Sem-II

English (Business Communication)

1. Students will be able to learn and develop their vocabulary and spoken English
2. Students will be able to improve in the professional skills

Advanced Programming in 'C'

1. After Completion of this course the student would be able to
2. Implement Programs with pointers and arrays, perform pointer arithmetic, and use the pre-processor.
3. Write programs that perform operations using derived data types.

Introduction to Operating System

1. Understands the different services provided by Operating System at different level.
2. They learn real life applications of Operating System in every field.
3. Understands the use of different process scheduling algorithm and synchronization techniques to avoid deadlock.
4. They will learn different memory management techniques like paging, segmentation and demand paging etc.

Basics of Web Programming II

1. The student will learn about the basics of computer networks and HTTP protocol.
2. They will understand and know how to use descriptive languages like HTML and XML.
3. They will also know how to use web programming languages (like PHP and JavaScript) and be capable of construction less demanding web application on their own.

Office Automation

1. To perform documentation
2. To perform accounting operations.
3. To perform presentation skills.

Basics of Mathematics – II

1. Students will effectively communicate topics in the mathematical sciences.
2. Students will formulate, analyze, and solve a wide variety of problems in the mathematical sciences.
3. Students will engage in a lifelong learning process via the ability to selfeducate.
4. Students will demonstrate proficiency with the topical content and techniques included in the courses in the mathematical sciences.

Statistical Methods-II

1. Discuss critically the uses and limitations of statistical analysis.
2. Solve a range of problems using the techniques covered.
3. Conduct basic statistical analysis of data.

Introduction to Microprocessor

1. Recall and apply a basic concept of digital fundamentals to Microprocessor based personal computer system.
2. Identify a detailed s/w & h/w structure of the Microprocessor.

Software Engineering – II

1. Learn developing methodology of software project.
2. Understand tools and techniques of software engineering.
3. Verify and validate the problem of software programming.
4. Maintain the quality of software project.

BCA-II Sem-III

OOPS with C++ - I

1. To demonstrate an understanding of primitive data types, values, operators and expressions in C/C++
2. Select appropriate primitive data types for solving a variety ofproblems (e.g.,, integer, real, character and string data)
3. To apply good programming principles to the design and implementation of C/C++ programs.

Data Structures using 'C' – I

1. Learn the basic types for data structure, implementation and application.
2. Know the strength and weakness of different data structures.
3. Develop programming skills which require to solve given problem.

Database Management System

1. Describe the fundamental elements of relational database management systems.
2. Explain the basic concepts of relational data model, entity-relationship model, relational database design, relational algebra and SQL
3. Design ER-models to represent simple database application scenarios

Software Testing & Quality Assurance

1. Describe fundamental concepts of software quality assurance.
2. Understand fundamental concepts of software automation.
3. Demonstrate the quality management, assurance, and quality standard to software system.
4. Demonstrate Software Quality Tools and analyze their effectiveness.

Web Development using PHP

1. After the completion of course, students will get hands on experience on various techniques of web development and will be able to design and develop a complete dynamic website.

Computer Networks – I

1. Recognize the technological trends of Computer Networking.
2. Describe, analyse and evaluate a number of datalink, network, and transport layer protocols.
3. Evaluate the challenges in building networks and solutions to those.

Financial Accounting withTally

1. Students will possess required skill and can also be employed as Tallydata entry operator.

BCA-II Sem-IV

OOPS with C++ - II

1. Student will be able to identify importance of object oriented programming and difference between structured oriented and object oriented programming features.
2. Able to make use of objects and classes for developing programs. Able to use various object oriented concepts to solve different problems.

Data Structures using 'C' – II

1. Student will be able to design and analyze the time and space efficiency of the data structure.
2. Understanding of fundamental Data Structures including linked-lists, trees, binary search trees, AVL trees, stacks, queues, priority queues, and hash-tables.

MySQL

1. Student will understand basic concepts of how a database stores information via tables
2. Understanding of SQL syntax used with MySQL
3. Learn how to retrieve and manipulate data from one or more tables
4. To know how to filter data based upon multiple conditions

Ethics and Cyber Law

1. Analyze and evaluate the cyber security needs of an organization.
2. Implement cyber security solutions and use of cyber security, information assurance, and cyber/computer forensics software/tools.

AngularJS

1. Student will familiar with client-side Javascript frameworks and the Angular framework.
2. Student will implement a functional front-end web application using AngularJS
3. Understand in Building different AngularJS orders.

Advanced Computer Networks

1. Student will understand principles of cryptography, securing e-mail, securing TCP and network-layer
2. Will understand concept and programming of DNS and Web server.
3. Student will familiar with The Internet standard management framework.

Python Programming

1. Student will able decompose a Python program into functions, lists etc.
2. Read and write data from/to files in Python Programs
3. Underline the use of package

BCA-III Sem-V

English (Business English)

- Use oral and written English effectively
- Appreciate literary language
- Use English language in creative writing
- Apply English language skills in clearing competitive examinations

Core Java
- List and use Object Oriented Programming concepts for problem solving.
- Write programs using Java collection API as well as the java standard class library.
- Solve the inter-disciplinary applications using the concept of inheritance.
- Apply JDBC to provide a program level interface for communicating with database using java programming.
- Apply the garbage collection for saving the resources automatically.

Visual Programming
- Demonstrate knowledge of programming terminology and how applied using Visual
- Basic (e.g., variables, selection statements, repetition statements, etc.)
- Develop a Graphical User Interface (GUI) based on problem description
- Develop an Event Planning Chart based on problem description so as to define the processing that is to occur based on specific events

Computer Graphics
- Understand the basics of computer graphics, different graphics systems and applications of computer graphics.
- Discuss various algorithms for scan conversion and filling of basic objects and their comparative analysis.
- Use of geometric transformations on graphics objects and their application in composite form.
- Extract scene with different clipping methods and its transformation to graphics display device.
- Explore projections and visible surface detection techniques for display of 3D scene on 2D screen.

Recent Trends in IT
- Apply basic concepts of machine Learning & different types of machine Learning algorithms
- Acquire knowledge to adapt green computing practices to minimize negative impacts on the environments.

Linux & Shell Programming
- Describe the architecture and features of UNIX Operating System and distinguish it from other Operating System Understanding
- Demonstrate UNIX commands for file handling and process control Applying
- Write Regular expressions for pattern matching and apply them to various filters for a specific task Applying.
- Analyze a given problem and apply requisite facets of SHELL programming in order to devise a SHELL script to solve the problem.

BCA-III Sem-VI

English (Business English)

- Use oral and written English effectively
- Appreciate literary language
- Use English language in creative writing
- Apply English language skills in clearing competitive examinations

Advanced Java
- This module aims to introduce the students to some concepts of advanced programming and on reusing components.
- At the end of this course, the students should be able to write sophisticated Java applications.
- Upon completion of the course, the student will be able to use the Java language for writing well-organized, complex computer programs with both command line and graphical user interfaces.

Dot Net Technology
- Design web applications using ASP.NET
- Use ASP.NET controls in web applications
- Create database driven ASP.NET web applications and web services

Data Warehouse and Data Mining
- Understand the functionality of the various data mining and data warehousing component Knowledge, Understand
- Appreciate the strengths and limitations of various data mining and data warehousing models
- Apply, Create, Explain the analyzing techniques of various data Analyze
- Describe different methodologies used in data mining and data ware housing.
- Compare different approaches of data ware housing and data mining with various technologies.

Cryptography and Network Security
- Analyze and design classical encryption techniques and block ciphers.
- Understand and analyze data encryption standard.
- Understand and analyze public-key cryptography, RSA and other public-key cryptosystems
- Understand key management and distribution schemes and design User Authentication
- Analyze and design hash and MAC algorithms, and digital signatures.
- Design network application security schemes, such as PGP, S/
- MIME, IPSec, SSL, TLS, HTTPS, SSH, etc.
- Know about Intruders and Intruder Detection mechanisms
- Firewall Characteristics, Types of Firewalls, Firewall Location and Configurations

Advanced Python
- Develop the skill of designing Graphical user Interfaces in Python
- Develop the ability to write database applications in Python
- Learn web applications using django
- Learn XML with python

Name of the Programme :Master of Business Administration (MBA.)

The Two year M.**B.**A Post graduate program isaffiliatedtoPunyashlokAhilyadeviHolkar Solapur University, Solapur

Programme objectives

1. To provide competent young men and women with necessary knowledge, skills, values and attitudes to occupy positions of management and administration in business.

2. To impart the students latest and relevant knowledge from the field of management theory and practice.

3. To provide opportunities to the students for developing necessary managerial skills.

4. To impart/ develop the right kind of values and attitude to function effectively in Managerial/ administrative positions.

5. The course is conducted with semester system which includes Four semesters with following purposes:

a. Hard core subjects provide Foundation of Management.

b. Soft core subjects focus on preliminary knowledge to enhance specific skills and a student gets an opportunity to choose amongst the group of subjects.

c. Skill core subjects focus on in-depth knowledge and practical approach with the subjects. It aims to nurturing student's proficiency and skills.

 d. Open Elective A subject elective course chosen generally, with an intention to seek cross-functional exposures is called Open Elective.

Program Outcomes:

At the end of MBA program students should be with following abilities.

1. Recognize the functioning of business opportunities involvement of business enterprises

2. and exploring the entrepreneurial opportunities.

3. Develop skills on analyzing the business data application of relevant analysis and problem solving.

4. Demonstrate a global outlook with the ability to identify aspects of the global business and cross cultural understanding

5. Identify the contemporary social problems, exploring the opportunities for social entrepreneurship, designing business solutions and demonstrate ethical standards in organizational decision making.

6. Develop effective and oral communication especially in business applications, with the use of appropriate technology.

Semester – I

101. Principles & Practices of Management

Course Objectives

1. To introduce the functions of management in the workplace.

2. To develop holistic approach to management.

3. To makes students as effective manager.

Course Outcomes

- Better understanding of management and link them to organizational contexts
- Developing students regarding skills of management
- Better decision making ability

102. Financial Accounting

Course Objectives

1. To make the students understand the Accounting Concepts and process of Accounting from Journal Entry to Final Accounts.
2. To make students capable of implementing accounting process practically with any business activities
3. To make students understand the features and benefits of Computerised Accounting.
4. To make students capable of using Accounting Package Tally in real business environment and generate various reports from the software.

Course Outcomes:

    • At the end of this course, the students will be able to do practical accounting for any business in books as well as using Accounting Software and extract various reports useful for the organisation.

103. Managerial Economics

Course Objectives

    1. To expose students to basic managerial economic concepts.

    2. To apply economic analysis in formulation of business policies.

    3. To use economic reasoning to problems of business.

Course Outcomes

- Students will be prepared to apply both micro and macro economic concepts in business environment.
- Students will develop analytical and problem solving skills by learning the subject through case based approach.
- The fundamentals of business economics shall provide practical orientation to be applied in corporate industries.

104. Organizational Behaviour

Course Objectives

    1. To impart basic knowledge into Organisation Behaviour.

    2. To provide insights into Individual & Group Behaviour and its implications in modern Organizations.

    3. To deliver basic knowledge of Organisation Culture and its role in Management.

Course Outcomes

- Understand the determinants and various theories of personality development.
- Understand the concept of attitude, perception and the process.
- Understand the various strategies for managing conflicts in organization.

- Understand the concept of organizational culture, organizational change and Development.

105. Business Statistics

Course Objectives

1. To educate different statistical methods.

2. To teach data presentation techniques.

3. To apply different statistical techniques in business/real-life conditions.

4. To develop the knowledge on descriptive & inferential statistics.

Course Outcomes

- Understanding different statistical methods for data analysis and presentation.
- Applying different statistical techniques in business/real-life conditions.
- Solving statistical problems.

106. Computer Operations & Management

Course Objectives

1. To make the students Understand Computer system and its importance in an Organisation.

2. To make students capable of organizing of computers and effectively using software tools that are mostly required to complete office activities viz., Documentation, Data computation and presentation.

3. To make students capable of using internet services securely and efficiently.

4. To provide conceptual knowledge of use of computer system for information procession and decision making through knowledge of MIS.

Course Outcomes

- At the end of this course, the students will understand computer system better and• handle the most used tools of word processing, spreadsheet, presentation and internet well organized, effectively and efficiently.

107. Business Law

Course Objectives

1. To learn about the important provisions of some of the important, newly Introduced & amended business laws

Course Outcomes

1. Understanding Summarize The Key Legal Provisions Of Each Act.
2. Understand Legal Aspects Of Business With Respect To Indian Economy.
3. Relate Various Legal Provisions To Relevant Business Aspects And Situations.
4. Applying Illustrate the Use of the Acts in Common Business Situations.
5. Analysing Outline the Various Facets of Basic Case Laws of Each Act from a Legal and Managerial Perspective

108. Disaster Management

Course Objectives

1. To understand basic concepts in Disaster Management

2. To understand elements of Disaster Management.

3. To understand Types and Categories of Disasters

4. To understand the Challenges posed by Disasters

Course Outcomes

- The application of Disaster Concepts to Management
- Analyzing Relationship between Development and Disasters.
- Ability to understand Categories of Disasters and
- Realization of the responsibilities to society

109. Banking Operations & Services

Course Objectives

1. To make the student understand the banking sector

2. To make the student knowledgeable in respect of products and services of banking

3. To make student known to various modes of operations with the bank

4. To make the student understand the relationship with banker and grievance mechanism of banking industry

Course Outcomes

- At the end of the course, student will be oriented with the knowledge of banking sector and its relationship with its customers.

110. Enhancing Business Communication Skills

Course Objectives

1. To enlighten the students about the fundamentals of Business Communication and enhance their skills necessary for day-today communication.

2. To give practical knowledge in order to prepare for effective presentation, business writing, reporting, presenting during job interviews, etc.

3. To focus on competence and project them positive in terms of overall personality and grooming

Course Outcomes

- This course will help students to learn the effective techniques of business communication.
- The course will help students learn to communicate professionally both in writing as well as oral.
- The course will help gain more competence than existing and enhance the personality.

Semester – II

111. Marketing Management

Course Objectives

1. To create an understanding of the fundamental concepts of marketing & the environment in which marketing system operates.

2. To explain key bases for segment marketing, target marketing, and market positioning.

3. To familiarise with basic elements of the marketing mix and make students to analyze the motives influencing buying behaviour.

Course Outcomes

- It increases knowledge of marketing management concepts and practices.
- It gives an understanding of tools and techniques used in marketing management.
- It enables a student to become aware about challenges required for effective Marketing Management

112. Financial Management

Course Objectives

1. To understand the basic concepts and fundamentals used in financial accounting.

2. To learn all the intricacies of corporate financial statements.

Course Outcomes

- At the end of this course, the students will be able to do practical Financial Management for any business.

113. Human Resource Management

Course Objectives

1. To prepare a student for a career in industry and services.

2. To facilitate learning in modern concepts, techniques and practices in the management of human resources.

3.To expose the student to different functional areas of Human Resource Management to enhance the effectiveness.

Course Outcomes

- Understand the concept, objectives and changing role of HRM
- Understand procurement process that includes; HRP, factors affecting Recruitment sources, selection process and placement
- Differentiate training and development and understand methods of training
- Analyze the need and problems of performance appraisal

114. Production Management and Operations Research

Course Objectives

1. To understand the functional area of Production Management

2. To appreciate the scientific basis for business decision making

3. To understand optimizing decision making techniques in different business situations

Course Outcomes

- At the end of this course, the students will be understand the role of production management in a manufacturing unit and will also be able to use scientific, quantitative techniques for efficient decision making to optimize utility of resources.

115. Research Methodology

Course Objectives

1. To understand the basic components of research design.

2. To familiarize students with research process, conducting of research through projects.

3. To equip students with various research analytical tools used in business research.

4. To familiarize the students with preparing the research report.

Course Outcomes

- Better understanding of importance of Research Methodology.
- Preparing the students to application of research techniques.
- Better decision making by using research techniques.

116. Event Management

Course Objectives

1. To understand different types of events and scope.

2. To know various procedures, licenses and permissions required for events

3. To familiarize students with various opportunities in Event Management industry

Course Outcomes

- At the end of the course, students shall understand and get overview of Event Management, thereby take interest and can find employment and business opportunities in this attractive industry.

117. Hospitality and Tourism Management

Course Objectives

1. To understand Hospitality and Tourism industry

2. To identify various components of Hospitality and Tourism industry

3. To familiarize students with various opportunities in Hospitality and Tourism industry.

Course Outcomes.

- At the end of the course, students shall understand and get overview of Hospitality and Tourism industry, thereby take interest in these and can find employment and business opportunities in this emerging sector.

118. Logistics and Supply Chain Management

Course Objectives

1. To introduce students with basic concepts of Logistics and supply chain Management

2. To teach students practical application of the subject for enhancing business efficiency.

3. To expose students to contemporary business concepts

Course Outcomes

- Students will learn regarding effective support of logistics and supply chain in industry.
- Students will develop analytical and problem solving skills to manage business in cost EffectiveManner.
- The fundamental application of the subject shall provide value addition to corporate industries

119. Employability Skills

Course Objectives

1. The objective of the course is to train the students with the essential skills required for enhancing employability prospects in the Job Market

Course Outcomes

- To understand the soft skills
- Develop professional etiquettes and manners
- Develop effective communication skills

120. Digital Business

Course Objectives

1. To make students to understand the important concepts related to Digital Business.

2. To acquaint the students with the latest techniques of Digital Business.

3. To familiarize the students with the applications of e-commerce.

Course Outcomes

- It increases overall knowledge of digital business concepts and practices.
- It prepares the students to understand and apply the tools and techniques used inDigital Business.
- It details the various types of digital business models and their benefits and limitations.

NAME OF THE PROGRAMME: MASTER OF COMMERCE (M.COM.)

The Two-year M. Com Post graduate program is affiliated to PunyashlokAhilyadeviHolkar Solapur University, Solapur

Specialization offered at HNCC
M Com-Advanced Accounting (From 2019-20 onwards)
M Com-Advanced Costing

M.COM. PROGRAMME OBJECTIVES

1) To acquaint learners with conventional as well as contemporary areas in the discipline of Commerce.

2) To enable learners well versed in national as well as international trends.

3) To enable the learners for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.

4) To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning

M.COM. PROGRAMME OUTCOMES

After the completion of the M. Com Course, learners will be able

1. To acquire the techniques of managing business and understand the role regulatory bodies in corporate and financial sectors

2. Adopt a suitable corporate tax planning and management skill for the growth of business within the legal framework.

3. To conduct business, accounting and research practices.

4. To work as data analyst. investment consultants after a brief internship in suitable organizations absorbed in Banking and Insurance sector as executives

5. To create anavenue for employment in academics and industry.

6. Tomotivatelearnerstopursuehigherstudiessuchascharteredaccountancy,cost   accountancy, chartered financial analyst, Business administration and company Secretary.

M Com Advanced Accounting

PROGRAMME SPECIFIC OBJECTIVES:

1. Todevelopfundamentalknowledgeaboutthefieldsoffinance,accountancy,audit,and innovativepracticesbyadoptinglearnercentricpedagogy.
2. Tomotivatelearnerstopursuehigherstudiessuchascharteredaccountancy,cost accountancy, chartered financial analyst, Business administration andcompanySecretary.
3. Toarouselearners'interestinresearch.
4. Togiveadequateexposuretotheoperationalenvironmentinthefieldofaccounting &finance.

PROGRAMME SPECIFIC OUTCOMES:

After completion of the course:

1) Learners will get opportunities in the accounting fields in various industries.
2) Learners will recognize commonly used financial statements, their components and howinformationfrom business transactions flows into these statements
3) Learnerswillbeabletodemonstrateknowledge ofpreparationof FinancialStatementsandor financial schedules in accordance with Generally Accepted Accounting Principles andInternationalFinancial ReportingStandards-IFRS
4) Learners will learn relevant financial accounting career skills, applying both quantitativeandqualitative knowledge to their future careers in business.

M Com -Advanced Costing

PROGRAMME SPECIFIC OBJECTIVES:

1)Toprovide theunderstandingof costingconceptsand procedurein thecost ascertainment system.

2)Toprovideexpertknowledgeforuseof costingdataindecisionmakingandcost control.

3) To introduce procedures to calculate cost, profit and sales value

PROGRAMME SPECIFIC OUTCOMES:

Aftercompletion ofthe course, thelearners will beable to:

1. Understand costingconceptsand procedurein thecost ascertainmentsystem.
2. Gain theexpertknowledgeforuseof costingdata
3. Identifythe elementsofcosts. Calculate cost, profit&salesvalue.
4. Takedifferentdecisionswithstudyofdifferentcostingtechniques
5. Understandtoselectnew businessactivities.

COURSE OUTCOMES

M.Com Part I

Management Concepts & Organizational Behavior (Sem I & II)

The learner, after completion of this course, will be able to

1. Implement management thoughts, theories, principles and different mechanisms of organizational behaviors successfully
2. Help the enterprise to achieve its predetermined goals and objectives in best possible manner

Managerial Economics: (Sem I & II)

The learner, after completion of this course, will be able

1) To get acquainted with managerial economic concepts
2) To develop an analytical approach to the subject matter.
3) To apply economic reasoning to problems of business.

Advanced Costing: (Sem I & II)

The learner, after completion of this course, will be able

1. To define basic terms and techniques of cost accounting.
2. To identify the elements of costs. Calculate cost, profit & sales value.
3. To take different decisions with study of different costing techniques
4. To select new business activities

Advanced Accounting: (Sem I & II)

The learner, after completion of this course, will be able

1) To develop fundamental knowledge about the fields of finance, accountancy, audit, taxation, law, technology and innovative practices by adopting learner centric pedagogy.
2) To pursue higher studies such as chartered accountancy, cost accountancy, chartered financial analyst, Business administration and company Secretary ship.
3) To work as consultants.
4) To create an avenue for employment in academics and industry

M.Com Part II

Semester-III & IV

Business Finance I& II

1. Have in depth knowledge about concepts, agencies, procedures, new dimensions involved in business finance
2. Deal with practical situations concerning business finance as and when required.

Management Accounting – I

1. Students will be familiar with the conceptual knowledge of Management Accounting and its usefulness in corporates.
2. Students will be competent and Analyzing Financial statements and drawing meaningful conclusion from same.
3. Students will be competent in preparing various budgets and controlling techniques.
4. Students can acquire knowledge of various ratios and its utility for different stakeholders.

Strategic Management

1. Recall the basic concepts of strategic management.
2. Interpret strategic management process
3. Analyze the crucial factors in the business environment.
4. Assess the strategic performance of an enterprise.
5. Develop a creative solution using a strategic perspective.

Advanced Costing – III& IV

1. Students will be familiar with conceptual knowledge of Financial Management
2. Critically analyze and Provide recommendation to improve the operations through the application of Financial Management techniques.
3. Demonstrate Mastery of Costing and Management of Inventories, Management of cash and Management of Receivables, Investment appraisal, Cost of Capital, Capital Structure, Dividend Policy.

Advanced Accountancy- III& IV

1. Understand basic concepts, tools and techniques of costing and their practical applicability.
2. Knowledge of accounting standards and have ability to interpret accounting standards and their practical application.
3. Apply theoretical knowledge to practical situations when need arises.

Entrepreneurship Development

1. Discern distinct entrepreneurial traits
2. Identify the parameters to asses opportunities and constraints for new business ideas
3. Develop a business idea by adopting systematic process
4. Design strategies for successful implementation of ideas
5. Create a Business Plan.

Computer Applications in Business

1. Recall the basic concepts of computer fundamentals.
2. Analyze the crucial factors in the e - business environment.
3. Develop a creative solution using various e – commerce business models.
4. Understand various channels and activities essential to plan and implement and an effective digital marketing strategy for their businesses.