Shikshan Prasarak Mandali Pune-30

PRIN. K.P. MANGALVEDHEKAR INSTITUTE OF MANAGEMENT CAREER DEVELOPMENT AND RESEARCH

BCA
CO, PO, PSO

PRIN. K.P. MANGALVEDHEKAR INSTITUTE OF MANAGEMENT
CAREER DEVELOPMENT AND RESEARCH

Our college is affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur. Board of Studies of the university design the Program Outcome. The college rigorously follow the Program outcome designed by the university.

Course Outcome: B. C. A. I

Sr. No	Program	Sem	Name of The Course	CO No.	Course Outcome (CO)
1	B.C.A. - I	I	Fundamentals of Computer	CO - 1	To understand basic concepts and terminology of information technology.
				CO - 2	To a basic understanding of personal computers and their operations.
				CO - 3	To understand various input and output devices.
				CO - 4	To understand internet concepts.
2	B.C.A. - I	I	Office Automation	CO - 1	Integrate both graphs and tables created in Microsoft Excel into a laboratory report in Microsoft Word.
				CO - 2	Generate equations, sample calculations, and basic diagrams in Microsoft Word.
				CO - 3	Input experimental data into Microsoft Excel.
				CO - 4	Perform calculations in Microsoft Excel using both manually inputting formulas and built- in Functions.

				CO - 5	Generate simple and effective tables and graphs to describe experimental data in Microsoft Excel.
				CO - 6	Properly format and organize a formal laboratory report in Microsoft Word.
3	B.C.A. - I	I	Programming and Problem Solving using 'C'-I	CO - 1	Able to understand the basic concepts of C programming language.
				CO - 2	Enhance skill on problem solving by constructing algorithms
				CO - 3	Students will be able to comprehend the general structure of C program, concepts of variable, datatype, operator and be able to create a C program to demonstrates these concepts.
				CO - 4	Able to design and develop various programming problems using C programming concepts.
				CO - 5	Understand and use various constructs of the programming language such as conditionals, iteration.
				CO - 6	Demonstrate the use of strings and string handling functions
				CO - 7	Apply skill of identifying appropriate programming constructs for problem solving
4	B.C.A. - I	I	Web Programming-I	CO - 1	Analyze a web page and identify its elements and attributes.
				CO - 2	Create web pages using

						HTML and Cascading Style Sheets.
				CO - 3	Build static web pages using HTML, CSS (Client-side programming).
				CO - 4	Create XML documents and Schemas.
5	B.C.A. - I	I	Basics of Mathematics	CO - 1	To provide overview of theory of discrete objects, starting with relations and partially ordered sets.
				CO - 2	To describe the fundamental counting principle and to determine the number of possible combinations for a given situation using the fundamental counting principle
				CO - 3	Understand the basic principles of sets and operations in sets.
				CO - 4	Prove basic set equalities.
				CO - 5	Demonstrate an understanding of relations able to determine their properties.
6	B.C.A. - I	I	Descriptive Statistics	CO - 1	To prepare frequency distribution and represent it by graphically with the help of tables.
				CO - 2	To compute various measures of central tendency, dispersion and to interpret them.
				CO - 3	To compute correlation coefficient and interpret its value.
				CO - 4	To estimate or predict through linear regression

						method.
7	B.C.A. - I	I	Fundamentals of Electronics	CO - 1	Learn how to develop the Integrated circuits (IC) in electronics systems. E.g. Computer system, Microprocessor, Microcontroller, Mobile etc.
				CO - 2	Learn how to Manufacturing Resistors, Capacitors, Diode and Transistor in IC.
				CO - 3	An understanding of different Display devices, Sensors and PCB technologies used In Computer System.
8	B.C.A. - I	I	Linear Electronics	CO - 1	Learn how to develop and employ circuit models for elementary electronic Components, e.g., resistors, inductors, capacitors, diodes and transistors.
				CO - 2	Gain an intuitive understanding of the role of power flow and energy storage In electronic circuits.
				CO - 3	Learn how to develop different power supplies in computer system.
9	B.C.A. - I	II	Introduction to Python Programming	CO - 1	Understand the features or characteristics of Python.
				CO - 2	Understand the concept of Python Virtual Machine, Python Data types, Command Line Argument, Operators.
				CO - 3	Explore Integrated Development Environment (IDE).
				CO - 4	Do programs using

					conditional control statements and also use the concept of Looping for doing programs.
				CO - 5	Describe the concept of strings, Collection Lists, Tuples and Dictionaries.
10	B.C.A. - I	II	Operating System	CO - 1	Understand fundamental operating system abstractions such as processes, threads, files, semaphores, IPC abstractions, shared memory regions, etc.
				CO - 2	To provide a sound understanding of the computer operating system, its structures, and its functioning.
				CO - 3	Analyze Process scheduling algorithms.
				CO - 4	To understand what a process is and how processes are synchronized and scheduled.
11	B.C.A. - I	II	Programming and Problem Solving using 'C'-II	CO - 1	Able to Implement advance C programming concepts like function, pointer, structure and union etc.
				CO - 2	Understand the dynamics of memory by the use of pointers.
				CO - 3	Able to understand the file handling using C Programming language.
				CO - 4	To understand the concept of macros and preprocessor.
12	B.C.A. - I	II	Web	CO - 1	Develop programming skills

			Programming-II		by the use of java script
				CO - 2	Build dynamic web pages using JavaScript (Client-side programming).
				CO - 3	Analyze to Use appropriate client-side applications.
				CO - 4	Build interactive web applications using jQuery.
				CO - 5	Develop solution to complex problems using appropriate method, technologies, frameworks, web services and content management
				CO - 6	Extend this knowledge to .Net Platforms, Java Technologies, Full Stack Development
13	B.C.A. - I	II	Graph Theory	CO - 1	Understand the notion of mathematical thinking, mathematical proofs and to apply them in problem solving.
				CO - 2	Ability to understand and apply concepts of graph theory in solving real world problem's ability to reason logically.
				CO - 3	Apply the concepts of graph theory in data structure of computer science.
				CO - 4	Give an understanding of graphs and trees which are widely use in software.
14	B.C.A. - I	II	Probability Theory	CO - 1	To distinguish between random and non-random experiments.
				CO - 2	To find the probabilities of the events.
				CO - 3	To apply discrete and

						continuous probability distributions studied in this course in different situations.
15	B.C.A. - I	II	Digital Fundamentals of Computer	CO - 1	Design and constructs logic as well as arithmetical circuits	
				CO - 2	Calculate various important parameters of Digital logic families	
				CO - 3	Design & analyze combinational logic circuits	
				CO - 4	Design & analyze sequential logic circuits	
				CO - 5	To Executed 8085 Microprocessor Assembly language programming.	
16	B.C.A. - I	II	Introduction to Microprocessor and Interfacing	CO - 1	Design, test and critically evaluate embedded solutions to real world situations using digital components (sequential and combinational).	
				CO - 2	Recognize the key features of embedded systems in terms of computer hardware and be able to discuss their functions. You will be aware of the key factors affecting computing hardware evolution.	
				CO - 3	Design, test and critically evaluate embedded solutions to real world situations using (embedded) computer systems interfaced to digital hardware	

Course Outcome: B. C. A. II

Sr. No	Program	Sem	Name of The Course	CO No.	Course Outcome (CO)
1	B.C.A. - II	III	OOP'S with C++ - I	CO-1	Familiarization with a widely used programming concept – Object Oriented Programming.
				CO-2	Develop logical thinking.
				CO-3	Skill to write codes in C++ by applying concept of OOP, such as Objects, Classes, Constructors, Inheritance etc., to solve mathematical or real-world problems.
				CO-4	Ability to isolate and fix common errors in C++programs
2	B.C.A. - II	III	Data Structures using 'C'-I	CO-1	Write programs that use arrays, records, linked structures, stacks, queues, trees, and graphs
				CO-2	Describe common applications for arrays, records, linked structures, stacks, queues and trees.
				CO-3	Demonstrate different methods for traversing trees
				CO-4	Compare alternative implementations of data structures with respect to performance.
				CO-5	Discuss the computational efficiency of the principal algorithms for sorting and searching.
3	B.C.A. - II	III	Database Management System	CO-1	Introduce basic concepts and major techniques in DBMS implementations.

				CO-2	Introduce research development ability in databases through technical survey and reading
				CO-3	Explain in detail DBMS architecture.
				CO-4	Explain the principles of concurrency control
				CO-5	Explain the principles of recovery management
4	B.C.A. - II	III	Software Testing & Quality Assurance	CO-1	Gain a broad understanding of the discipline of software Testing and Quality Management.
				CO-2	Understand software test automation problems and solutions.
				CO-3	Comprehend the concepts related to Software Quality Attributes, Quality Planning, Software Quality Control and Software Quality Assurance.
				CO-4	Learn and demonstrate various software evaluation techniques
5	B.C.A. - II	III	Web Development using PHP	CO-1	Create Format cells, rows, columns, and entire worksheets
				CO-2	Understand benefits of PHP as a server-side language
				CO-3	Learn object-oriented programing in PHP
				CO-4	Create and use pivot tables and pivot charts. By learning the course, the students will be able to perform documentation, to perform accounting operations, to

						perform presentation skills
				CO-5	Work with forms and database with MySQL	
6	B.C.A. - II	III	Computer Networks	CO-1	Explain the role of protocols in networking	
				CO-2	Administer and maintain a computer network.	
				CO-3	Demonstrate basic understanding of network principles	
				CO-4	Have a good understanding of the OSI Reference Model and in particular have a good knowledge of Layers 1-3.	
				CO-5	Demonstrate understanding of how computers communicate	
7	B.C.A. - II	III	Financial Accounting with Tally	CO-1	To Understand the basic knowledge of Management Accounting	
				CO-2	To learn the entry's and reading of journal, ledger etc.	
				CO-3	To know the basics of depreciation, bank reconciliation statement etc.	
8	B.C.A.- II	IV	OOPS with C++-II	CO-1	Define the dynamic memory management techniques.	
				CO-2	Describe the concept of polymorphism.	
				CO-3	Associate the usage of exception handling.	
9	B.C.A.- II	IV	Data structures using 'C'- II	CO-1	To learn the applications of searching and sorting and to write the programs	
				CO-2	To learn the applications of Trees and graphs	
				CO-3	To write the beginner level programs of Trees and	

					Graphs
10	B.C.A.-II	IV	Relational Database MySQL	CO-1	To understand the basics of MySQL environment
				CO-2	To implement the concept of join, view in my SQL
				CO-3	To implement the concept of curser in my SQL
11	B.C.A.-II	IV	Ethics and Cyber law	CO-1	To understand the basics of cyber crime
				CO-2	To understand the basics of hacking and ethical hacking
				CO-3	To understand the types of attacks
12	B.C.A.-II	IV	Angular JS	CO-1	To understand the basics of scripting
				CO-2	To be able to write the preliminary level programs using Angular JS
				CO-3	To learn the applicability of its in web site and web application development
13	B.C.A.-II	IV	Advance Computer Networks	CO-1	To understand the basics of advanced concepts in networking with firewall and different protocols
				CO-2	To know the basics of different network services
14	B.C.A.-II	IV	Basics of Python Programming	CO-1	Understand the features python program
				CO-2	Comprehend Performing Assignment and arithmetic operations
				CO-3	Learn Precedence of operators
				CO-4	Learn functions and modules of python
				CO-5	Learn formal parameters, actual and function parameters

Course Outcome: B. C. A. III

Sr. No.	Program	Sem	Name of The Course	CO No.	Course Outcome (CO)
1	B.C.A. - III	V	Core Java	CO - 1	Understand the features of Java and the architecture of JVM
				CO - 2	Write, compile, and execute Java programs that may include basic data types and control flow constructs and how type casting is done
				CO - 3	Identify classes, objects, members of a class and relationships among them needed for a specific problem and demonstrate the concepts of polymorphism and inheritance
				CO - 4	The students will be able to demonstrate programs based on interfaces and threads.
				CO - 5	Write, compile, execute Java programs that include GUIs and event driven programming and also programs based on files
				CO - 6	Learn to access database through Java programs, using Java Data Base Connectivity (JDBC)
2	B.C.A. - III	V	Visual Programming	CO - 1	Understand code solutions and compile C# projects within the .NET framework.
				CO - 2	Design and develop professional console and window-based .NET

					application
				CO - 3	Demonstrate knowledge of object-oriented concepts Design user experience and functional requirements C#.NET application.
				CO - 4	Construct classes, methods, and assessors, and instantiate objects.
				CO - 5	Understand and implement string manipulation, events and exception handling within .NET application environment.
				CO - 6	Create and manipulate GUI components in C#.
				CO - 7	Design and Implement Windows Applications using Windows Forms, Control Library, Advanced UI Programming & Data Binding concepts
				CO - 8	Design and Implement database connectivity using ADO.NET in window-based application.
3	B.C.A. - III	V	Computer Graphics	CO - 1	The main objective of this module is to introduce to the students the concepts of computer graphics.
				CO - 2	Various applications, areas, and graphics displays and hardcopy technologies.
				CO - 3	Demonstrate the overview of graphics system and make use of various drawing algorithms of output primitives

				CO - 4	Apply and compare the algorithms for drawing 2D images also explain aliasing, anti-aliasing and half toning techniques.
				CO - 5	Experiment with the geometric transformations and different algorithms for viewing and clipping in two-dimensional graphics related problems.
				CO - 6	Solve the problems on viewing transformations and explain the projection and hidden surface removal algorithms.
4	B.C.A. - III	V	Recent Trends in IT	CO - 1	It begins by providing an overview of recent trends in the access and use of new technologies as well as a summary of online opportunities and risks.
				CO - 2	Pursue advanced knowledge and professional development in the field of information technology.
				CO - 3	It then explores a variety of factors, including economic, social and cultural status which underlie these trends and lead to online and offline inequalities.
				CO - 4	Create, select and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the

					limitations.
				CO - 5	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development. Unit No.
5	B.C.A. - III	V	Linux & Shell Programming	CO - 1	To provide introduction to Linux Operating System and its File System.
				CO - 2	To develop the ability to formulate Regular Expressions and use them for Pattern Matching
				CO - 3	Understand the Linux commands
				CO - 4	To acquire skills shell programming
				CO - 5	To implement various system calls.
				CO - 6	To learn basics concepts of system administration, networking
6	B.C.A. - III	VI	Advanced Java	CO - 1	Create dynamic web pages, using Servlets and JSP. Make a reusable software component, using Java Bean.
				CO - 2	Develop Stateful, Stateless and Entity Beans. Use Struts frameworks, which give the opportunity to reuse the codes for quick development. Map Java

						classes and object associations to relational database tables with Hibernate mapping files.
7	B.C.A. - III	VI	Dot Net Technology	CO - 1	Understand web concepts and features of ASP.NET
				CO - 2	Implement web applications using various ASP.NET controls
				CO - 3	Implement web applications using ASP.NET MVC
				CO - 4	Set up various navigation techniques for integrating web pages within the site.
				CO - 5	Create the dynamic web page using ASP.NET Controls which interact with databases.
				CO - 6	Manage cookies and sessions as state management techniques.
				CO - 7	Advanced concepts related to Web Services, WCF and WPF in project development
8	B.C.A. - III	VI	Data Warehouse and Data Mining	CO - 1	Identify the scope and necessity of Data Mining & Warehousing for the society
				CO - 2	To understand various tools of Data Mining and their techniques to solve the real time problems.
				CO - 3	Pre-process the data for mining applications
				CO - 4	Apply the association rules for mining the data
				CO - 5	Design and deploy appropriate classification techniques

				CO - 6	Cluster the high dimensional data for better organization of the data
				CO - 7	Evaluate various mining techniques on complex data objects
9	B.C.A. - III	VI	Cryptography and Network Security	CO - 1	Illustrate the principles of number theory and compare various cryptographic techniques.
				CO - 2	Demonstrate how Block Ciphers such as DES, AES, Triple DES, RC5 and public key crypto-systems are implemented.
				CO - 3	Apply hash function and digital signatures to implement authentication protocols
				CO - 4	Illustrate the role of firewall in implementing trusted systems
				CO - 5	Analyze how applications can be secured
10	B.C.A. - III	VI	Advanced Python	CO - 1	Students should be made familiar with the concepts of GUI controls and designing GUI applications.
				CO - 2	To develop the web applications
				CO - 3	Understanding the XML Concepts
				CO - 4	To understand and implement the concept of networking in Python

Program Outcome: B. C. A.

Program		Program Outcome
B. C. A. (Three Years Bachelor's Degree Program)	PO1	Design and develop software-based solutions for real life problems, serving effectively to the requirements of computer field and Society.
	PO2	Attain sufficient knowledge related to computer domains, possesses technical, soft and hard skills and apply them effectively in team work.
	PO3	Ability to link knowledge of Computer Science with other two chosen auxiliary disciplines of study.
	PO4	Display ethical code of conduct in the usage of Internet and Cyber systems.
	PO5	Ability to pursue higher studies of specialization and to take up technical employment.
	PO6	Identify, formulate and analyze complex real-life problems in order to arrive at computationally viable conclusions using fundamentals of mathematics, computer sciences, management and relevant domain disciplines.
	PO7	Ability to operate, manage, deploy, configure computer network, hardware, and software operation of an organization.
	PO8	Apply standard Software Engineering practices and strategies in real-time software

		project development.
	PO9	Design and develop computer programs/computer -based systems in the areas related to algorithms, networking, web design, cloud computing, IoT and data analytics.
	PO10	Acquaint with the contemporary trends in industrial/research settings and thereby innovate novel solutions to existing problems
	PO11	The ability to apply the knowledge and understanding noted above to the analysis of a given information handling problem.
	PO12	The ability to work independently on a substantial software project and as an effective team member.

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Program Specific Outcome: B. C. A.

Program		Program Outcome
B. C. A. (Three Years Bachelor's Degree Program)		After the completion of three years of Bachelor in Computer Application that is B. C. A. The students will be able to:
	PSO-1	Demonstrate the ability to adapt to technological changes and innovations in the discipline.
	PSO-2	Develop computer programs using functional programming and object-oriented programming paradigms.
	PSO-3	To use professional skills related to Software Industry.
	PSO-4	To prepare the necessary knowledge base for research and development in Computer Science.
	PSO-5	To build-up a successful career in Computer Science and to produce entrepreneurs who can innovate and develop software products.
	PSO-6	To apply knowledge of mathematics, statistics and computer science in practice.
	PSO-7	To enhance not only a comprehensive understanding of the theory but its application too in diverse fields.

	PSO-8	To prepare himself/herself for a range of computer applications, computer organization, techniques of Computer Networking, Software Engineering, Web Development, Database management and Advance Java.
	PSO-9	To design a computing system to meet desired needs within realistic constraints such as safety, security and applicability in multidisciplinary teams with a positive attitude.
	PSO-10	To develop projects of different application areas

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Course Outcome: B.B.A. I

Sr. No	Program	Sem	Name of The Course	CO No.	Course Outcome (CO)
1	B.B.A. - I	I	Principles of Management-I	CO - 1	To develop understanding regarding basic concepts and functions of Management.
2	B.B.A. - I	I	Business Communication-I	CO - 1	To acquaint students with importance of communication in business
3	B.B.A. - I	I	Accounting for Business-I	CO - 1	To develop awareness about accounting as a language of business. b
				CO - 2	To impart basic accounting knowledge as applicable to business
4	B.B.A. - I	I	Business Economics –I	CO - 1	To provide

					basic knowledge of the micro economic theory.
				CO - 2	To enable students to apply this knowledge in business decision making.
5	B.B.A. - I	I	Business Organization & Environment-I	CO - 1	a) To acquaint the students with various forms of business organization.
				CO - 2	b) To make the students aware about developments in the business world.
				CO - 3	c) To provide basic knowledge of business environment.
				CO - 4	d) To enable them for formulating appropriate business strategies
6	B.B.A. - I	I	Practicals on Management-I	CO - 1	a) To expose the student with current

					developments in business.
				CO - 2	b) To improve communication skill of the students.
9	B.B.A. - I	II	Principles of Management-II	CO - 1	To develop understanding regarding basic concepts and functions of Management.
10	B.B.A. - I	II	Business Communication –I	CO - 1	To improve oral communication of students
11	B.B.A. - I	II	Accounting for Business-II	CO - 1	To impart basic cost accounting knowledge as applicable to business
12	B.B.A. - I	II	Business Economics –II	CO - 1	a) To provide basic knowledge of the micro economic theory.
				CO - 2	b) To enable students to apply this knowledge in business decision making.
13	B.B.A. - I	II	Business Organization & Environment-II	CO - 1	a) To acquaint the students with various forms of business organization.

				CO - 2	b) To make the students aware about developments in the business world.
				CO - 3	c) To provide basic knowledge of business environment.
				CO - 4	d) To enable them for formulating appropriate business strategies
14	B.B.A. - I	II	Practicals on Management-II	CO - 1	a) To expose the student with current developments in business
				CO - 2	b) To improve communication skill of the students

Course Outcome: B.B.A. II

Sr. No	Program	Sem	Name of The Course	CO No.	Course Outcome (CO)
1	B.B.A. - II	III	Foundation of Human Skills- I	CO-1	1. Building self Confidence, critical thinking.
				CO-2	2. Creating understanding related to expected behavior in Organization.
				CO-3	3. Helps understanding to be a part of Organizational structure and part of teams.
				CO-4	4. Understanding to cope up with organizational problems, and to work in a given environment.
2	B.B.A. - II	III	Subject: International Business - I	CO-1	1. To acquaint the students with intentional business environment
				CO-2	2. To provide a comprehensive understanding of procedural aspects of international Business
				CO-3	3. To Study the significance of international business for Indian economy

3	B.B.A. - II	III	Entrepreneurship Development & SME - I	CO-1	1. Widen the base of entrepreneurship by development achievement motivation and entrepreneurial skills.
				CO-2	2. Motivate a person for entrepreneurial career and to make him capable of perceiving and exploiting successfully opportunities for enterprises.
				CO-3	3. To get Introduced about various schemes and supporting organizations of Government.
4	B.B.A. - II	III	IT for Management- I	CO-1	1) To Know the Fundamentals of Computers
				CO-2	2) To Understand how to use Computer applications in day-to-Day Applications.
5	B.B.A. - II	III	Mini Project-I	CO-1	
				CO-2	
				CO-3	
8	B.B.A.- II	IV	Research Methodology - II	CO-1	1. To acquaint students with some basic concepts of statistics.
				CO-2	2. To make them aware about some elementary application
9	B.B.A.-	IV	Foundation of	CO-1	

	II		Human Skills - II		1. Building self Confidence, critical thinking.
				CO-2	2. Creating understanding related to expected behavior in Organization. .
				CO-3	3. Helps understanding to be a part of Organizational structure and part of teams.
				CO-4	4. Understanding to cope up with organizational problems, and to work in a given environment
10	B.B.A.-II	IV	International Business - II	CO-1	1. To acquaint the students with intentional marketing
				CO-2	2. To provide a knowledge of international finance
				CO-3	3. To Study the significance of international business for Indian economy
11	B.B.A.-II	IV	Entrepreneurship Development & SME - II	CO-1	1. Widen the base of entrepreneurship by development achievement motivation and entrepreneurial skills.
				CO-2	2. Motivate a person for entrepreneurial career and

					to make him capable of perceiving and exploiting successfully opportunities for enterprises.
				CO-3	3. To get Introduced about various schemes and supporting organizations of Government.
12	B.B.A.-II	IV	IT for Management-II	CO-1	1) To understand the role of IT in Management.
				CO-2	2) To understand the concepts of Information System
				CO-3	3) To understand the issues in MIS
13	B.B.A.-II	IV	Mini Project - II	CO-1	
				CO-2	

Course Outcome: B.B.A. III

Sr. No.	Program	Sem	Name of The Course	CO Number	Course Outcome (CO)
1	B.B.A. - III	V	Marketing Management-I	CO - 1	1. To create understanding of fundamental concepts of marketing amongst students.
				CO - 2	2. To familiarize students with various functions of marketing management
2	B.B.A. - III	V	Financial Management-I	CO - 1	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
3	B.B.A. - III	V	Human Resource Management –I	CO - 1	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
4	B.B.A. - III	V	Production Management-I	CO - 1	1) To provide students with basic understanding of concepts of Production management.
				CO - 2	2) To introduce students to the key activities

					performed by the Production function.
				CO - 3	3) To understand global trends in Production management
5	B.B.A. - III	V	Taxation	CO - 1	Not Available on University web site
				CO - 2	
				CO - 3	
				CO - 4	
				CO - 5	
				CO - 6	
6	B.B.A. - III	V	Retailing Management – I	CO - 1	1. To create understanding of various retailing fundamental concepts amongst students.
				CO - 2	2. To familiarize students with different decisions required for retail store set up.
7	B.B.A. - III	V	Cost & Management Accounting-I	CO - 1	For students, this subject is particularly important and beneficial because it helps in developing the concept of optimum utilization 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.

8	B.B.A. - III	VI	Marketing Management-II	CO - 1	1. To develop detailed understanding of marketing mix elements.
				CO - 2	2. To familiarize students with marketing decision making.
9	B.B.A. - III	VI	Financial Management-II	CO - 1	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
10	B.B.A. - III	VI	Human Resource Management-II	CO - 1	1. To gain an insight in to the functioning of Compensation Management, Performance Appraisal, employee mobility and career planning and development.
				CO - 2	2. To create an awareness about recent trends and Practices of human resource mngt
11	B.B.A. - III	VI	Production Management-II	CO - 1	1) To provide students with basic understanding of concepts of PPC.
				CO - 2	2) To introduce students to the key activities performed by the Maintenance function.
				CO - 3	3) To acknowledge the students with Purchasing & Material Management.
12	B.B.A. - III	VI	Project Work	CO - 1	To expose the BBA students to practical

					application of theoretical concepts, which they have learnt during the BBA course.
13	B.B.A. - III	VI	Retailing Management – II	CO - 1	1. To create understanding of various retailing operations and marketing strategy in retail.
				CO - 2	2. To familiarize students with different technologies used in retail operations.
14	B.B.A. - III	VI	Cost & Management Accounting-II	CO- 1	For students, this subject is particularly important and beneficial because it helps in developing the concept of optimum utilization 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

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Program Outcome: B.B.A.

Program		Program Outcome
B. C. A. (Three Years Bachelor's Degree Program)		After the completion of three years of Bachelor in Computer Application that is B. C. A. The students will be able to:
	PO-1	To develop wide spectrum of managerial skills along with competency building required in the industry.
	PO-2	To apply knowledge of marketing, finance and human resource management international business & accounting to the solution of complex managerial problems.
	PO-3	To develop the students for professional values and taking for social responsibilities.
	PO-4	To enhance not only a comprehensive understanding of the theory but its application too in diverse fields.
	PO-5	To build-up a successful career in industry and to motivate them to be an entrepreneur.

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CAREER DEVELOPMENT AND RESEARCH

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Program Specific Outcome: B.B.A.

Program		Program Outcome
B. B. A. (Three Years Bachelor's Degree Program)		After the completion of three years of Bachelor in Computer Application that is B. B. A. The students will be able to:
	PSO-1	To develop student ability for self-employment as a young entrepreneur and to create corporate professionals.
	PSO-2	To have successful career in marketing, finance and human resource management
	PSO-3	To make them able for higher education.

Shikshan Prasarak Mandali Pune-30

PRIN. K.P. MANGALVEDHEKAR INSTITUTE OF MANAGEMENT CAREER DEVELOPMENT AND RESEARCH

MBA
CO, PO, PSO

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Course Outcome: M.B.A. I

Sr. No.	Program	Sem	Name of The Course	CO No	Course Outcome (CO)
1	M.B.A. - I	I	Principles & Practices of Management	CO - 1	1. To introduce the functions of management in the workplace.
				CO - 2	2. To develop holistic approach to management.
				CO - 3	3. To makes students as effective manager
2	M.B.A. - I	I	Financial Accounting	CO - 1	1. To make the students understand the Accounting Concepts and process of Accounting from Journal Entry to Final Accounts.
				CO - 2	2. To make students capable of implementing accounting process practically with any business activities
				CO - 3	3. To make students understand the features and benefits of Computerized

						Accounting.
				CO - 4	4. To make students capable of using Accounting Package Tally in real business environment and generate various reports from the software
3	M.B.A. - I	I	Managerial Economics	CO - 1	1. To expose students to basic managerial economic concepts.
				CO - 2	2. To apply economic analysis in formulation of business policies.
				CO - 3	3. To use economic reasoning to problems of business.
4	M.B.A. - I	I	Organizational Behavior	CO - 1	1. To impart basic knowledge into Organization Behavior.
				CO - 2	2. To provide insights into Individual & Group Behavior and its implications in modern Organizations.
				CO - 3	3. To deliver basic knowledge of Organization Culture and its role in Management

5	M.B.A. - I	I	Business Statistics	CO - 1	1. To educate different statistical methods.
				CO - 2	2. To teach data presentation techniques.
				CO - 3	3. To apply different statistical techniques in business/real-life conditions.
				CO - 4	4. To develop the knowledge on descriptive & inferential statistics.
6	M.B.A. - I	I	Computer Operations & Management	CO - 1	1. To make the students Understand Computer system and its importance in an organization.
				CO - 2	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.
				CO - 3	3. To make students capable of using internet services securely and efficiently.
				CO - 4	4. To provide conceptual

					knowledge of use of computer system for information procession and decision making through knowledge of MIS.
9	M.B.A. - I	I	Business Law	CO - 1	1. To learn about the important provisions of some of the important, newly Introduced & amended business laws.
10	M.B.A. - I	I	Disaster Management	CO - 1	1. To understand basic concepts in Disaster Management
				CO - 2	2. To understand elements of Disaster Management.
				CO - 3	3. To understand Types and Categories of Disasters
				CO - 4	4. To understand the Challenges posed by Disasters
11	M.B.A. - I	I	Banking Operations & Services	CO - 1	1. To make the student understand the banking sector
				CO - 2	2. To make the student knowledgeable in respect of products and services of banking
				CO - 3	3. To make student

					known to various modes of operations with the bank mechanism of banking industry
				CO - 4	4. To make the student understand the relationship with banker and grievance
12	M.B.A. - I	I	Enhancing Business Communication Skills	CO - 1	1. To enlighten the students about the fundamentals of Business Communication and enhance their skills necessary for day-today communication
				CO - 2	2. To give practical knowledge in order to prepare for effective presentation, business writing, reporting, presenting during job interviews, etc.
				CO - 3	3. To focus on competence and project them positive in terms of overall personality and grooming
13	M.B.A. - I	II	Marketing Management	CO - 1	1. To create an understanding of the fundamental concepts of marketing & the environment in

					which marketing system operates.
				CO - 2	2. To explain key bases for segment marketing, target marketing, and market positioning.
				CO - 3	3. To familiarize with basic elements of the marketing mix and make students to analyze the motives influencing buying behavior.
14	M.B.A. - I	II	Financial Management	CO - 1	1. To understand the basic concepts and fundamentals used in financial accounting.
				CO - 2	2. To learn all the intricacies of corporate financial statements
15	M.B.A. - I	II	Human Resource Management	CO - 1	1. To prepare a student for a career in industry and services.
				CO - 2	2. To facilitate learning in modern concepts, techniques and practices in the management of human resources.
				CO - 3	3. To expose the student to different functional areas of Human Resource Management to enhance the effectiveness

16	M.B.A. - I	II	Production Management and Operations Research	CO - 1	1. To understand the functional area of Production Management
				CO - 2	2. To appreciate the scientific basis for business decision making
				CO - 3	3. To understand optimizing decision-making techniques in different business situations
17	M.B.A. - I	II	Research Methodology	CO - 1	1. To understand the basic components of research design.
				CO - 2	2. To familiarize students with research process, conducting of research through projects.
				CO - 3	3. To equip students with various research analytical tools used in business research.
				CO - 4	4. To familiarize the students with preparing the research report
18	M.B.A. - I	II	Event Management	CO - 1	1. To understand different types of events and scope.
				CO - 2	2. To know various procedures, licenses and permissions required for events
				CO - 3	3. To familiarize

					students with various Opportunities in Event Management industry
19	M.B.A. - I	II	Hospitality and Tourism Management	CO - 1	1. To understand Hospitality and Tourism industry
				CO - 2	2. To identify various components of Hospitality and Tourism industry.
				CO - 3	3. To familiarize students with various opportunities in Hospitality and Tourism industry
20	M.B.A. - I	II	Logistics and Supply Chain Management	CO - 1	1. To introduce students with basic concepts of Logistics and supply chain Management
				CO - 2	2. To teach students practical application of the subject for enhancing business efficiency.
				CO - 3	3. To expose students to contemporary business concepts
21	M.B.A. - I	II	Employability Skills	CO - 1	1. The objective of the course is to train the students with the essential skills required for enhancing employability prospects in the Job Market

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Course Outcome: M.B.A. II

Sr. No.	Program	Sem	Name of The Course	CO No.	(CO)
1	M.B.A. - II	III	Sales And Distribution Management	CO - 1	1. To understand to importance of sales and distribution in marketing.
				CO - 2	2. To provide knowledge various elements involved in the sales and distribution.
				CO - 3	3. To make aware about various techniques used in sales and distribution
2	M.B.A. - II	III	Corporate Tax Management	CO - 1	1. To make understand various components of Corporate Tax Management.
				CO - 2	2. To provide knowledge about exemptions and deductions from taxation

				CO - 3	
3	M.B.A. - II	III	Financial Decision Analysis	CO - 1	
				CO - 2	
				CO - 3	
4	M.B.A. - II	III	Fundamentals of Hospitality Management	CO - 1	
				CO - 2	
				CO - 3	3. To Understand and analyses the hospitality industry from various perspectives of hotel, tourism, travel and transport
5	M.B.A. - II	III	Tourism and Travel Management	CO - 1	1. To prepare the learners with knowledge and skills essential know what tourism is.
				CO - 2	2. To prepare the learners with its types and the Nations contribution to the industry
8	M.B.A.- II	III	Purchasing and Inventory Management	CO - 1	1. To make students understand how to use basic concepts, strategies and techniques to analyze a variety of inventory systems and make optimal decisions for the improvement of these systems.
				CO - 2	2. In addition, we emphasize the practical

					implementation of the strategies and techniques that are taught in this course
9	M.B.A.- II	III	Logistics and Supply Chain Management	CO - 1	1. To make students understand how the knowledge of materials management can be an advantage to logistics and supply chain operations.
				CO - 2	2. To sensitize the students on the materials management functions – Planning, Purchase, Controlling, Storing, Handling, Packaging, Shipping and Distributing, and Standardizing.
				CO - 3	3. To realize the importance of materials both in product and service.
10	M.B.A.- II	III	Strategic Human Resource Management	CO - 1	1. The objective of the course is to give knowledge to the students in the field of Human Resource Management with strategic perspective
11	M.B.A.- II	III			
12	M.B.A.- II	III	International Business	CO - 1	1. To make students aware of international

			Environment		business environment concept
				CO - 2	2. To introduce factors that affect international trade
13	M.B.A.- II	III	Export Policy, Procedures and Documents	CO - 1	1. To familiarize the participants basic concepts of import/export formalities.
				CO - 2	2. To familiarize the participants on important international trade terms.
				CO - 3	3. To familiarize the participants processing of an import/export order.
1	M.B.A. - II	III	Banking Operations Management	CO - 1	1. To understand the basics of Banking and the emergence of Banking in India.
				CO - 2	2. To get acquainted with the functionality of the Banks.
				CO - 3	3. To know the meaning and use of commonly used technologies in Banking.
				CO - 4	4. To make the students understand Banking accounts.
2	M.B.A. - II	III	Indian Banking structure	CO - 1	1. To introduce concept of Indian Banking structure to student.
				CO - 2	2. To deal with

					practical case studies and prepare students to gain knowledge about banking industry
3	M.B.A. - II	II	Management Information System	CO - 1	1. To make the students understand the working at different levels of management and use of different information system at these levels.
				CO - 2	2. To make students capable of understanding implementation of management information systems in different functional areas
				CO - 3	3. To make students understand the importance and strategic use and advantage of MIS.
				CO - 4	4. To make students understand reasons of success and failure of MIS and how change of work processes should be made successful during implementation of MIS.
4	M.B.A. - III	III	ERP and SPD	CO - 1	1. To make the students understand the components and interrelations of ERP.

				CO - 2	2. To make students capable of implementation of ERP
				CO - 3	3. To make students understand the various elements and stages of System analysis and designing.
				CO - 4	4. To make students understand the role of Project Manager and the skills required to become successful in the role.
5	M.B.A. - III	III	Fundamentals of Agriculture & Co-Operative Management	CO - 1	1. To make students understand about Agriculture sector
				CO - 2	2. To make students understand about the cooperative institutions
				CO - 3	3. To make students understand the importance of cooperatives in the economy
6	M.B.A. - III	III	Agricultural Marketing	CO - 1	1. To make students understand the factors involved in Agriculture produce marketing
				CO - 2	2. To make students understand the marketing agencies with respect to agricultural products
				CO - 3	3. To make students

					understand the role of Government in Agricultural marketing and Rural marketing
7	M.B.A. - II	III	Entrepreneurship Development	CO - 1	1. To make the students understand the importance of Entrepreneurship.
				CO - 2	2. To make students understand various traits, competencies of entrepreneurship and ways of developing them
				CO - 3	3. To embed into students an inspiration to opt Entrepreneurship as Career.
				CO - 4	4. To make students know the supportive about environment for Entrepreneurship
8	M.B.A. - II	IV	Business Ethics & Corporate Governance	CO - 1	1. To introduce Business Ethics and corporate governance concepts to student Managers.
				CO - 2	2. To teach students practical application of Ethical practices in life situations.
				CO - 3	3. To deal with case studies and deal with practical problem-solving ethical approach.
9	M.B.A. - II	IV	Total Quality	CO - 1	1. To teach students

			Management		about importance of Quality and Total Quality Management
				CO - 2	2. To make students familiar with the tools and techniques of Quality Management
				CO - 3	3. To provide knowledge to the students regarding the essential quality standards
10	M.B.A. - II	IV	Integrated Marketing Communication and digital Marketing	CO - 1	1. To teach different promotion tools.
				CO - 2	2. To train students on importance and combination of various promotional tools
				CO - 3	3. To acquaint the students to learn and apply the concept of digital marketing.
11	M.B.A. - II	IV	Services and Retail Marketing	CO - 1	1. To acquaint students with Business Services and Service Industry.
				CO - 2	2. To equip students with the basic knowledge about retail management.
				CO - 3	1. To make students understand scope and opportunities in Service as well as Retail industry
12	M.B.A. - II	IV	Financial System of India. Markets and	CO - 1	2. To introduce financial concepts to

			services		student Managers.
				CO - 2	3. To teach students application of Components Financial system
14	M.B.A. - II	IV	Investment Management	CO - 1	1. To make students aware of various investment avenues and evaluate their benefits in terms of returns and risks
15				CO - 2	2. To make students knowledgeable of techniques to analyses various capital generating models and their benefits and limitations.
	M.B.A. - II	IV	International Finance	CO - 1	1. To make the students understand the foreign exchange market and the policies regarding the same.
				CO - 2	2. To make students knowledgeable in respect of international financial markets and various terminologies and mechanisms adapted in operating the same

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Program Outcome: M.B.A

Program		Program Outcome
M. B. A. (Two Years Master's Degree Program)		After the completion of three years of Bachelor in Computer Application that is M. B. A. The students will be able to:
	PO-1	To develop wide spectrum of managerial skills along with competency building required in the industry.
	PO-2	To apply knowledge of marketing, finance and human resource management international business & accounting to the solution of complex managerial problems.
	PO-3	To develop the students for professional values and taking for social responsibilities.
	PO-4	To enhance not only a comprehensive understanding of the theory but its application too in diverse fields.
	PO-5	To build-up a successful career in industry and to produce entrepreneurs.

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CAREER DEVELOPMENT AND RESEARCH

Program Specific Outcome: M.B.A

Program		Program Outcome
M. B. A. (Two Years Master's Degree Program)		After the completion of three years of Bachelor in Computer Application that is M.B A. The students will be able to:
	PSO-1	To develop student ability for self-employment as a young entrepreneur and to create corporate professionals.
	PSO-2	To have successful career in marketing, finance and human resource management.
	PSO-3	To make them able for research and development in management.