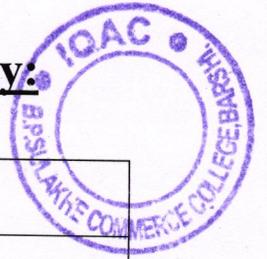


B. P. Sulakhe Commerce College Barshi.

➤ Programme Outcomes of the Commerce faculty:



Name of the Programme	Programme Outcomes
B.Com.	<p>After completing three years for the Bachelor in Commerce (B.Com.) programme,</p> <ol style="list-style-type: none">1. To develop a thorough understanding of the fundamentals of the commerce concepts and conventions.2. To appraise practical insights into various job- oriented fields of studies like marketing, advertising and management.3. To build business acumen, analytical skills, financial literacy, and managerial skills through the study of various courses of commerce stream.4. To improve the knowledge base which will be instrumental in pursuing higher studies in the field of Commerce and Business administration5. To formulate an aptitude towards research in the field of commerce and finance6. To develop numerical abilities of students.7. Inculcate writing skills and business correspondence.8. Create awareness of law and Legislations related to commerce and business.9. Introduce recent trends in Business, Organizations and Industries.10. Acquire practical skills related to marketing, insurance, banking and other business.11. To apply thoroughly the provisions of Income Tax Act, 1961 to compute tax liability of Individual Tax Payers
M.Com.	<p>After completing three years Master in Commerce (M Com.) Programme,</p> <ol style="list-style-type: none">1. To provide competent young men and women with necessary Knowledge, skills, values and attitudes to occupy good positions in jobs and business.2. To nature entrepreneurial skills among young generation and make them effective change agents.3. To develop proactive thinking so as to perform effectively in the dynamic socio-economic and business ecosystem.4. To contribute towards better accounting practices in the country and the world by offering quality accounting education.5. Provide master level knowledge of Accountancy, Costing, Auditing, Management Accounting PG course

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B. P. Sulakhe Commerce College Barshi.**

➤ Programme Specific Outcomes of the Commerce faculty:



Name of the Programme	Programme Specific Outcomes
B.Com.	<ol style="list-style-type: none"> 1. Students will be able to demonstrate progressive learning of various tax issues and tax forms related to individuals. Students will be able to demonstrate knowledge in setting up a computerized set of accounting books. 2. Students will demonstrate the values of progressive affective domain development, the role of accounting in society and business. 3. Students will have relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in the business. 4. Students will learn relevant managerial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in the business. 5. Learners will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing 6. Learners will be able to recognize the features and roles of businessmen, entrepreneurs, managers, consultants, which will help learners to possess knowledge and other soft skills and to react aptly when confronted with critical decision making. 7. Learners will be able to prove proficiency with the ability to engage in competitive exams like CA, CS, ICWA and other courses. 8. Learners will acquire skills like effective communication, decision making problem solving day to day business affaires 9. Learners will be involved in various co-curricular activities to demonstrate the relevance of foundational and theoretical knowledge of their academic major and gain practical exposure. 10. Learners can also acquire practical skills such as tax consultants, audit assistants and other financial support services. 11. Learners will be able to do higher education and advance research in the field of commerce and finance.
M.Com	<ol style="list-style-type: none"> 1. The program provides the students advanced knowledge in the field of business and management and also enables the students to acquire the basic skills required for carrying out business activities, Research, stock market operations, accounting practices, etc. 2. The program also provides them with adequate knowledge and skill to provide

consultancy services in finance and marketing. Similarly after completion of the program students can confidently prepare for NET, SET, and other competitive examinations of their choice.


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➤ Course Outcomes of the Commerce faculty:

Name of the Course	Course Outcomes
B. Com. I – English Comp.	<ol style="list-style-type: none">1. Students of the undergraduate level will be able to use the skills in English in their day to day life.2. They will learn to use interview skills, comprehension skills successfully.3. Students will learn human values, professional ethics, gender equality through this course.4. This course will improve their vocabulary and communication skills.
B. Com. I – Financial Accounting	<ol style="list-style-type: none">1. Develop and understand the nature and purpose of financial statements in relationship to decision making2. Develop the ability to use the fundamental accounting equation to analyze the impact of business transactions on an organization's accounting records and financial statements.3. Develop the ability to use a basic accounting system to create (record, classify, and summarize) the data needed to solve a variety of business problems.4. Develop the ability to use accounting concepts, principles, and frameworks to analyze and communicate effectively a variety of audiences.5. Develop the ability to use accounting information to solve a variety of business problems.6. Develop the ability to interact well with team members.
B. Com. I – Insurance	<ol style="list-style-type: none">1. To facilitate the students to acquire knowledge of fundamentals of Insurance.



2. To create awareness about procedural part in Life Insurance business.
3. To build consciousness among the students to become a Life Insurance Agent.
4. To enhance the students knowledge of General Insurance.
5. To provide information about procedural in General Insurance business.
6. To provide information for students regarding recent trends in Insurance Sector.

B. Com. I – Principles of Marketing

1. Students will be aware about marketing practices available in India
2. Students will be aware of Conceptual and Fundamental knowledge of markets and its functioning.
3. Subject will provide package of skills relevant to practice.
4. It will provide marketing research methodology.

B. Com. I – Principles of Business Management

1. Demonstrate professional communication and Behavior.
2. Observe and evaluate the influence of historical forces on the current practice of management.
3. Identify and evaluate social responsibility and ethical issues related to business situations and logically articulate own positions on such issues.
4. Explain how organizations adapt to an uncertain environment and identify techniques managers use to influence and control the internal environment.
5. Practice the process of management's four functions: planning, organizing, leading and controlling.
6. Identify and properly use vocabularies to articulate the management of the field within one's own position on a specific management



issue and communicate effectively with varied audiences.

7. Evaluate leadership styles to anticipate the consequences of each leadership style.

8. Gather and analyze both qualitative and quantitative information to isolate issues and formulate best control methods.

B. Com. I – Business Economics

1. Understand comparative advantage.

2. Use supply and demand curves to analyze the impact of taxes etc on consumer surplus and market efficiency.

3. Understand how to evaluate macro economic conditions such as unemployment, inflation and growth.

B.Com I – Business Mathematics

1. Familiarize with the basic concepts of Business Mathematics and a hands on practice of the various mathematical tools and techniques.

2. Boost quantitative thinking and develop numerical abilities.

3. Acquainting students with the emerging issues in business, trade and commerce regarding analyzing business facts.

4. Enable them to improve their logical reasoning ability and interpretation of various business results.

5. Describe the concept of Annuity and its types.

6. Introduce determinants as well as matrices and study their applications in real life.

7. Understand Linear Programming Program and use them to take effective decisions.

8. Get the knowledge of preliminaries of ratio, Proportion and Progression.

B. Com. II – English Comp.

1. Student's vocabulary will be enriched and their communication skills would be enhanced after completing the course.

2. They will learn to use interview skills,



	<p>comprehension skills successfully.</p> <p>3. Students will learn human values, professional ethics and gender equality through this course.</p>
B. Com. II – Corporate Accounting	<p>1. Know the corporate accounting policy.</p> <p>2. Aware students about method of issue of shares and debentures.</p> <p>3. Know the financial analysis for comparison</p>
B. Com. II – Money and Financial System	<p>1. Know the fiscal policy of India.</p> <p>2. Know the banking structure in India.</p> <p>3. Know the monetary policy of the India.</p>
B. Com. II-Fundamental of Entrepreneurship	<p>1. Aware student about entrepreneurship culture.</p> <p>2. Know the theory of entrepreneurship</p> <p>3. Know the practical knowledge how about project of self employment.</p>
B. Com. II-Business Statistics	<p>1. To expose students to basic Statistical concepts.</p> <p>2. Make them able to decision maker by using statistical tools like probability, time series and central tendency</p> <p>3. To enlighten the student abilities to apply the statistical concepts to real life problems in Commerce, Economics, Management and Social sciences.</p>
B. Com. III – Advanced Accountancy – I	<p>1. Explain and demonstrate accounting practices for equity, investments (including accounting for group structures), measurement and disclosure of information, and financial decision making.</p> <p>2. Financial Reporting Standards,</p> <p>3. Identify and explain the conceptual underpinnings for current Advanced financial accounting and reporting issues.</p> <p>4. Identify and explain current issues related to financial accounting and financial reporting.</p>



	5. Critically analyze and interpret published financial information.
B Com. III – Co-Operative Development	<ol style="list-style-type: none">1. Students will be able to know the co-operative movement in India and Maharashtra2. Students will be able to know the practices of cooperative institutions.3. How cooperative organizations are beneficial to the weaker section
B. Com. III – Advanced Accountancy – II Auditing and Taxation	student will be aware about <ol style="list-style-type: none">1. Introduction to Tax2. Tax Compliance, the Rs, and Tax Authorities3. Tax Planning Strategies and Related Limitations4. Individual Income Tax Overview5. Gross Income and Exclusions6. Individual Deductions7. Individual Income Tax Computation and Tax Credits8. Business Income, Deductions, and Accounting Methods9. Property Acquisition and Cost Recovery10. Property Dispositions11. Investments12. Compensation13. Retirement Savings and Deferred <p>Auditing:-</p> <ol style="list-style-type: none">1. Is able to discuss and describe auditor’s responsibility to detect material misstatements in the financial statements and are able to Identify the risk areas that pose a major threat to the financial statements.2. Is able to discuss and describe GAAS and PCAOB Standards and appropriately apply the



	<p>standards to audit situations.</p> <p>3. Is able to discuss and describe the various audit reports (opinions) and also identify required audit report from various audit situations.</p>
<p>B. Com. III – Modern Management Practice</p>	<ol style="list-style-type: none"> 1. It will be helpful to know the recent trends in management 2. It will be helpful to know the SWOT Analysis regards to business environment 3. It will be helpful to know the corporate strategy and its benefits 4. It will provide knowledge about ISO and Quality Management.
<p>B. Com. III – Business Economics</p>	<ol style="list-style-type: none"> 1. Subject will be provide the knowledge about economic policy and practices 2. It will be helpful to know the LPG and NEP 1991 and its impact 3. It will be helpful to know the trade cycle in business
<p>B. Com. III – Business Regulatory Framework</p>	<ol style="list-style-type: none"> 1. Students will be able to know the technical grounds of mercantile law and its uses. 2. Students will be able to know the practices of law.
<p>B.Com III – Industrial Management</p>	<ol style="list-style-type: none"> 1. To impart basic knowledge of industrial management with Human Resource Management and Human Resource Development. 2. To explain the role employee training and development and welfare in an efficient Human Recourse Management
<p>M. Com I - Management Thoughts, Theories and Organizational Behaviour.</p>	<ol style="list-style-type: none"> 1. Analyze the behavior of individuals and groups in organizations in the terms of key factors that influence organizational behavior. 2. Assess the potential effects of organizational-level factors (such as structure, culture and change) on organizational



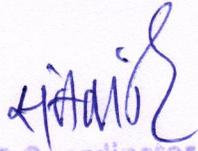
	<p>behavior.</p> <ol style="list-style-type: none"> 3. Critically evaluate the potential effects of significant developments in the external environment (such as globalization and advances in technology) on organizational behavior. 4. Analyze Organizational Behavioral Issues in the Context of Organizational Behavior Theories, Models and Concepts.
<p>M.Com I - Security Analysis and Portfolio Management</p>	<ol style="list-style-type: none"> 1. To provide a theoretical and practical background in the field of investments. 2. Designing and managing the bond as well as equity portfolios in the real world. 3. Valuing equity and debt instruments. 4. Measuring the portfolio performances. 5. Portfolio management framework
<p>M.Com I - Functional Areas of Management</p>	<ol style="list-style-type: none"> 1. The students, ongoing through the course, will execute different functional areas of business management in effective manner and able to take the right decisions of the enterprise for success and to achieve its predetermined goals and objectives in best possible manner
<p>M.Com I - Business Correspondence</p>	<ol style="list-style-type: none"> 1. To be familiar with the complete course outline/Course Objectives/Learning Outcomes/ Evaluation Pattern & Assignments. 2. To participate in an online learning environment successfully by developing the implication-based understanding of Paraphrasing, deciphering instructions, interpreting guidelines, discussion boards & Referencing Styles. 3. To demonstrate his/her ability to write error free while making an optimum use of correct Business Vocabulary & Grammar. 4. To distinguish among various levels of organizational communication and communication barriers while developing an understanding of Communication as a process in an organization



	<p>5. To draft effective business correspondence with brevity and clarity.</p> <p>6. To stimulate their Critical thinking by designing and developing clean and lucid writing skills.</p> <p>7. To demonstrates his verbal and non-verbal communication ability through presentations.</p> <p>8. Explain the importance of Business Correspondence and describe the essential qualities of a good business letter</p> <p>9. Identify the various parts of a business letter; an recognize the different types of letters used in business.</p>
M. Com I - Managerial Economies	1. It will provide the theoretical basket of information to cope the managerial problem
M. Com II - Business Finance	<p>1. It enhances the knowledge about the funds management and its utilization</p> <p>2. It will be helpful to know the credit rating agency and its functioning.</p>
M. Com II - Management Accounting.	<p>1. This will be helpful to enhance decision making ability of the students</p> <p>2. It provides direction to students to become a good manager and decision maker.</p>
M. Com II - Advanced Accountancy (I, II, III & IV)	<p>1. Develop and understand the nature and purpose of financial statements in relationship to decision making.</p> <p>2. Develop the ability to use the fundamental accounting equation to analyze the impact of business transactions on an organization's accounting records and financial statements.</p> <p>3. Develop the ability to use the basic accounting system to create record, classify and Summarize the data needed to solve the variety of business problems.</p> <p>4. Develop the ability to encounter concepts, principles and Framework to analyze and effectively communicate information to a variety of audience.</p>



5. Develop the ability to use accounting information to solve business problems.
6. Develop the ability to interact well with team members
7. It is able to discuss and describe the auditor's responsibility to detect material misstatements in financial statements and is able to identify risk areas that pose a major threat to the financial statements.
8. It is able to discuss and describe GAAS and PCAOB Standards and appropriately apply the standards to audit situations.
9. It is able to discuss and describe various audit reports (opinions) and also identify required audit reports from various audit situations.
10. It is able to discuss and describe the impact of Sarbanes - Oxley on the auditing profession and corporate governance and is able to apply Sarbanes - Oxley regulations to various audit situations.


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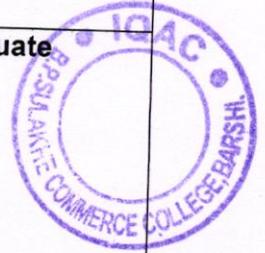
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Programme Outcomes of the Computer Science Faculty



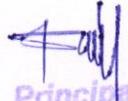
Name of the Programme	Programme Outcomes
B.C.A.	<p>After completing three years for the Bachelor of Computer Applications (B.C.A.) Programme</p> <ol style="list-style-type: none">1. To Improve their computer literacy , their basic understanding of operative system and a Working knowledge of software commonly used in academic and professional Environment.2. To Develop criteria to organize and present different type of works in academic and Professional environment.3. Learn how to organize information efficiently in the form of outlines, charts etc. By using appropriate software.4. To Develop the skills to present ideas effectively and efficiently5. To Do academic and professional Presentation- Designing and delivering an effective presentation and developing the various IT skills to the electronic database6. To Use the System Analysis Design and Software Engineering paradigm to critically analyze Problems.7. To Solve the problems (Programming Networking database and Web Design) in the Information Technology environment, function effectively on teams to accomplish a Common goal and Demonstrate Professional behavior.8. To Develop IT-oriented security issues and protocols.9. To Design and Implement a Webpage, Website, Web Programming10. To Improve communication an business management skills, especially in providing Technical support.11. An ability to understand theory of Digital Design and Computer Organization to Provide an insight of how basic computer components are specified.12. An ability to understand functions of various hardware components and their Building blocks

<p>PGDCA</p>	<p>After completing One years after graduation Diploma Post Graduate Diploma in Computer Applications Program me</p> <ol style="list-style-type: none"> 1. To improve a Computer Operator and Accounting Operator 2. To Improve some Analytical approach in Software Engineer fields 3. To Improve Programming logic for Web Designing 4. To Improve programming logic for Web Programming 5. To aware of Programming skills for Students 6. To handle Office Applications packages 7. To know about programming methodology and Techniques 8. To aware of Networking and Internet concept 9. To know about Technical support of Software Programmer 10. To know about System Analyst ,Software Engineer concept 11. To use of advance Programming language to create Computerized Project
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Course Outcomes of the Computer Science & Commerce Faculty



Bachelor of computer Applications

Srno	Subject	Course Objective	Learning Outcomes
	BCA -I (Science) Sem I & II		
1.	Communication Skills	<ol style="list-style-type: none">1. To enable the rural area students to communicate effectively and appropriately in real life2. To use English effectively for study purpose across the curriculum3. To develop and use of four language skills Reading, Writing, Listening, Speaking	<ol style="list-style-type: none">1. Reading Skills:- Ability to read English with ability to read English with understanding and paragraph, pattern, writer technique and conclusion2. Writing skills:- Skills to develop to ability to write English correctly and master the mechanics of writing the use of correct punctuation marks and capital letter3. Listening skills:- Ability to understand English when it is spoken in various context4. Speaking Skills:- Develop the ability to speak intelligibly using appropriate word stress, sentence stress and elementary intonation pattern
2	Fundamental of Computer	<ol style="list-style-type: none">1. To give the knowledge about computer and its block structure, I/O components and functions of a computer system2. To learn about the all number system and representation along with its operations2. To give detail knowledge of MS-Office3. To give an a role of	<ol style="list-style-type: none">1. Familiar with the Operating system, peripheral input output devices like keyboard, mouse, printer, networking, multimedia, internet etc2. Develop the skill to use internet for searching information on web, sending emails and many other users3. Develop the skill to work MS-word, Ms-Excel and Ms-Power point4. By using the ms-word is possible of writing business letters or job application, tabulating data,



		computer in Business ,education and society and industry	Preparing Ppt etc
3	Logic Development with the "C" Programming	<ol style="list-style-type: none"> 1. To understand the basic structure of C-Program language 2. To enable the students to make flowchart and design an algorithm for a given program 3. To enable the students to develop logics and program 	<ol style="list-style-type: none"> 1. In depth understanding of various concepts of C language 2. Ability to read, understand and trace the execution of program 3. Skill to debug a program 4. Skill to write program code in C to solve real world problem
3	Basic of Web Programming	<ol style="list-style-type: none"> 1.To learn various Web Technology 2. To enable the students to design and implement static and dynamic Web pages on web site 3. To acquire fundamental skills to maintain web server services required to host a website <p>To Learn MYSQL</p>	<ol style="list-style-type: none"> 1. Ability to develop web pages using HTML and Cascading Style sheet 2. Skill to create XML documents and Scheme 3. Knowledge of Clint-side(java script) and Server Side Scripting(PHP, Asp.net) language to build dynamic web page 4. Familiarization with Web Application Terminologies, Internet Tools, E-Commerce and other web services 5. Ability to develop database applications with MYSQL
4	Software Engineering	<ol style="list-style-type: none"> 1. To Introduce the students to a branch of study associated with the development of a software product 2. To gain basic knowledge about the pre-requisites for planning a software project 3. To learn how to design of software 4. To enable the students to perform testing of a software 	<ol style="list-style-type: none"> 1. Familiarization with the concept of software Engineering and its relevance 2. Understanding of various methods or model for developing a software product 3. Ability to analyze existing system to gather requirements fo proposed system 4. Skill to design and code of software
5.	Basic of Mathematics	<ol style="list-style-type: none"> 1. To understands and solve discrete mathematical Problems 2. To impart knowledge regarding relevant topics such a the Theory, basic logic-graphs, tree or discrete Probability 3. To familiarize students with linear algebra, differential and integral calculus, numerical 	<ol style="list-style-type: none"> 1. Develops formal reasoning 2. Creates habit of raising question 3. Knowledge regarding the use of Discrete Mathematics in Computer Science 3. Helpful in formulating questions

		methods and statistics	
6.	Statistical Methods -I and II 	<ol style="list-style-type: none"> 1. To learn how to perform error analysis for arithmetic operations 2. To Demonstrate working of various numerical methods 3. To Provide a basic understanding of the derivation and use of methods of interpolation and numerical integration 4. To Impart knowledge of various statically techniques 5. To Develop students understanding through laboratory activities to solve problems related to above stated concept 	<ol style="list-style-type: none"> 1. Skills to choose and apply appropriate numerical method to obtain approximate solution to difficult mathematical Problems. 2. Ability to apply various statically techniques such a Measure of Central Tendency and Dispersion 3. Understanding of relationship between variables using the method of correlation and Trend Fit analysis 4. Skill to execute programs of various Numerical Methods and Statically Technique for solving mathematical problems
7	Digital Electronics	<ol style="list-style-type: none"> 1. To gain basic knowledge of digital Electronics circuit and its level 2. To understand and examine the structure of various number system and its conversion 3. To enable the students to understand ,analysis and design various combinational and Sequential Circuits 	<ol style="list-style-type: none"> 1. Skill to build and troubleshoot digital logic circuits 2. Skill to use the methods of systematic reeducation of Boolean expression using K-Map 3. Ability to interpret logic gates and its operations
	BCA -I (Science) Sem III & IV		
8	Data Structring Using C	<ol style="list-style-type: none"> 1. To familiarize the students with data structure used for representing data in memory like Arrays, Linked list, Graphics ,Tree 2. To analyze the performance of algorithm 3. To learn how to apply algorithms of data structures on data 4. To gain knowledge of various methods used in data structure such as brute, force, divide and conquer, greedy etc 	<ol style="list-style-type: none"> 1. Skills to analyze algorithms and to determine algorithm correctness and their implementation 2. Knowledge of advanced abstract data type and data structre and their implementation 3. Ability to implement algorithms to perform various operations on data structure
9	Network and Data	1. To Deliver compressive	1. Knowledge of uses and service of



	<p>Communication</p> 	<p>view of Computer network 2. To enable the students to understand the Network Architecture, Network type and topology 3. To understand the design issues and working of each layer of Osmoses 4. To familiarize with the benefits and issue regarding Network Security</p>	<p>Computer network 2. Ability to identify types and t apologies of network 3. Understanding of analog and digital transmission of data 4. Familiarization with the techniques of Network Security</p>
10	DBMS with Oracle	<p>1. To introduce the students to the database system 2. To learn how to design database by using different models 3. To enable the student to understand the database handling during execution of the transaction 4. To understand the handling of database by concurrent user 5. To gain complete knowledge of SQL and PL/SQL</p>	<p>1. Feminization with Database Management System 2. Compressive knowledge of database model 3. Ability to code database transactions using SQL 4. Skill to Write Pl/SQL Program</p>
11	Operating System	<p>1. To deliver a detailed knowledge of integral software in a computer system-os 2. To understand the working of operating system as a resource manager 3. to familiarize the students with process and Memory Management 4. To describe the problem of process synchronize in and its solution</p>	<p>1. Ability to apply CPU scheduling algorithms to manage tasks 2. Initiating into the process of applying memory management methods and allocation policies 3. Knowledge off methods of preventing and recovery forma system deadlock</p>
12	Advanced Web Technology	<p>1. To Learn various Web Technologies 2. To enable the students to design and Implement static and dynamic Web page 3. to acquire fundamental sills to maintain web server services required to host a</p>	<p>1. Ability to develop web page using HTML and Cascading Style sheet 2. Skill to create XML Document and Schemas 3. Knowledge of Client-side and server side scripting language build dynamic web pages 4. feminization with Web application</p>



		<p>website</p> <p>4. To learn Mysql</p>	<p>Term logy, Internet tool e-commerce and other web services</p> <p>5. ability to develop database applications with mysql</p>
13	E-Governance	<p>1. To impart knowledge one of the latest and powerful computerized government system</p> <p>2. To make students understand about to read and write files</p> <p>3. to give Detail government central govt scheme</p> <p>4. To learn how to connect government Portal</p>	<p>1. To understand government Scheme</p> <p>2. To acquire knowledge of e-governance</p> <p>3. To study about zero Mistake work about Government</p> <p>4. To Give the Services to all People</p>
14	System Programming	<p>1. To impart knowledge of Design to system software</p> <p>2. To unable to student about Hardware related system software</p> <p>3. To deliver a detailed knowledge of integral software in a computer system- o s</p> <p>4. To Know about machine Structure</p>	<p>1. Ability to apply CPU scheduling algorithm to manage tasks</p> <p>2. Initiation into the process of applying memory management methods and allocation policies</p> <p>3. Knowledge off methods of prevention and recovery forma system deadlock</p> <p>4. To understand the student of compiler ,Loader ,Macro Processor ,Os. Text editor, Assembler, Schedule, Debarring aids, Device managment, Linker and Loader</p>
15	Data warehouse and Data Mining	<p>1. To Know about How to data store</p> <p>2. Concept of Data warehousing and Data mining</p> <p>3. To analyze the performance of data warehousing data mining</p> <p>4. Ability to Data mining Tools</p>	<p>1. Describe the fundamental concept, benefit and problem areas associated with data warehousing</p> <p>2. Describe the various architecture and main component of a data warehouse</p> <p>3. Design the data ware house, and be able to address issues that arise when implementing a data warehouse</p> <p>4. Compare and contest OLAP and data mining as techniques for extracting knowledge from data warehouse</p> <p>5. Implement dat mining techniques like clustring, association rule and decision tree te</p>
16	Linux and Shell Programming	<p>1. To deliver a detailed knowledge of Linux and Shell Programming</p>	<p>1. In depth understanding of various concepts of Shell programming</p> <p>2. Ability to read, understand and</p>



		<p>2. To understand the working of operating system as a resource manager</p> <p>3. to familiarize the students with process and Memory Management</p> <p>4.To enable the students to design and implement Shell programming concept</p> <p>3. To acquire fundamental knowledge Disk Management and system administrations</p> <p>4. To describe the problem of Linux command and networking</p>	<p>trace the execution of program</p> <p>3. Skill to debug a program</p> <p>4. Skill to write program linux commands to solve real world problem</p> <p>5. Ability to read, understand and trace the execution of program</p>
17	Core java	<p>1. To know about Introduction to java</p> <p>2. To Impart knowledge of basic concept</p> <p>1. To Impart knowledge o f one of the latest and powerful advance programming language- Java</p> <p>2. To Make student understand about to read and write files</p> <p>3. To give a broad view of concept of Object Oriented Programming applied Java</p> <p>4. To Learn how to connect Java and program a database</p>	<p>1. To aware of programming of core java</p> <p>2. Identify advance concepts of Java Programming with database connectivity</p> <p>3. Design and develop platform independent applications using a variety of component based framework</p> <p>4. Implement the concept of core java</p>
17	Computer Graphics		<p>1. Understand the real graphics programming</p> <p>2. Understand the API open Gl</p>
1			<p>3. Under stand theme the mastics basice, mainly linear algerbaand implemental byopengl and programming language c</p> <p>4. Recognize number of problems and topics drawn from computer graphics and explores them through the lens of dynamic geometry software</p> <p>5. Draw upon various motivational theories to design a motivational program</p> <p>6. Understand the 2D and 3D computer graphics</p>



			7. Under stand number of problem and topic drawn from computer graphics
18	Advance JAVA	<ol style="list-style-type: none"> 1. To Impart knowledge of one of the latest and powerful advance programming language- Java 2. To Make student understand about to read and write files 3. To give a broad view of concept of Object Oriented Programming applied Java 4. To Learn how to connect Java and program a database 	<ol style="list-style-type: none"> 1. Identify advance concepts of Java Programming with database connectivity 2. Design and develop platform independent applications using a variety of component based framework 3. Implement the concept of Hibernate, Spring, struts, XML and EJB for building

Shri Shivaji Shikshan Prasarak Mandal Barshi

B.P. Sulakhe Commerce College, Barshi

Course Outcomes of the Commerce Faculty

Post Graduate Diploma in computer Applications (PGDCA)

Srno	Subject	Course Objective	Learning Outcomes
	PGDCA -I (Commerce) Sem I & II		
1	Communication Skills	<ol style="list-style-type: none"> 1. To enable the rural area students to communicate effectively and appropriately in real life 2. To use English effectively for study purpose across the curriculum 3. To develop and use of four language skills Reading, Writing, Listening, Speaking 	<ol style="list-style-type: none"> 1. Reading Skills:- Ability to read English with ability to read English with understanding and paragraph, pattern, writer technique and conclusion 2. Writing skills:- Skills to develop to ability to write English correctly and mast the mechanics of writing the use of correct punctuation marks and capital letter

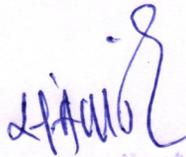


			<p>3. Listening skills:- Ability to understand English when it is spoken in various context</p> <p>4. Speaking Skills:- Develop the ability to speak intelligibly using appropriate word stress, sentence stress and elementary intonation pattern</p>
2	Fundamental of Computer and Information Technology	<p>1. To give the knowledge about computer and its block structure, I/O components and functions of a computer system</p> <p>2. To learn about the all number system and representation along with its operations</p> <p>4. To Gove the knowledge Various types of Memories & types and classification</p> <p>5. To give Recent Trends for Information Technology</p>	<p>1. Familiar with the Operating system ,peripheral input output devices like keyboard, mouse, printer ,networking, multimedia, internet etc</p> <p>2. Develop the skill to use internet for searching information on web, sending emails and many other users</p> <p>3. To know about Information Technology component and tools</p> <p>4. To develop the skill of New Information Technology</p>
3	Introduction to Accounting Package and MS-Office	<p>1. To give the knowledge about Basic Accounting Concept</p> <p>2. To give the knowledge about types and rules of account and Various type of subsidiary Books</p> <p>3. To learn about the Transaction ,Journal to final account</p> <p>4. To give detail knowdge of Tally</p> <p>5. To give detail knowdge of MS-Office</p> <p>6. To give an a role of computer in Business ,education and society and industry</p>	<p>1. To develop the manual writing of accounting</p> <p>2. To Develop the Computerized of accounting with tally</p> <p>3. To Develop the Main Manu, Gate way of Tally manu ,Ledger ,Jounal Entries ,Tria I Balance ,Trading and Profit and Loss account, Balance Sheet</p> <p>1. Develop the skill to work MS-word, Ms-Excel and Ms-Power point</p> <p>4. By using the ms-word is possible of writing business letters or job application, tabulating data, Preparing PPT etc</p>
4	Software Engineering with C Programming	<p>1. To Introduce the students to a branch of study associated with the development of a software product</p> <p>2. To gain basic knowledge about the pre-requisites for planning a software project</p>	<p>1. Familiarization with the concept of software Engineering and its relevance</p> <p>2. Understanding of various methods or model for developing a software product</p> <p>3. Ability to analyze easting system to gather requirements fo proposed</p>



		<p>3. To learn how to design of software</p> <p>3. To enable the students to perform testing of a software</p> <p>1. To understand the basic structure of C-Program language</p> <p>4. To enable the students to make flowchart and design an algorithm for a given program</p> <p>5. To enable the students to develop logics and program</p>	<p>system</p> <p>4. Skill to design and code of software</p> <p>5. In depth understanding of various concepts of C language</p> <p>6. Ability to read, understand and trace the execution of program</p> <p>7. Skill to debug a program</p> <p>8. Skill to write program code in C to solve real world problem</p>
5	Web Programming with PHP	<p>1.To learn various Web Technology</p> <p>2. To enable the students to design and implement static and dynamic Web pages on web site</p> <p>3. To acquire fundamental skills to maintain web server services required to host a website</p> <p>To Learn MYSQL</p>	<p>1. Ability to develop web pages using HTML ,XML,PHP and Cascading Style sheet</p> <p>2. Skill to create XML documents and Scheme</p> <p>3. Knowledge of Clint-side(java script) and Server Side Scripting(PHP, Asp.net) language to build dynamic web page</p> <p>4. Familiarization with Web Application Terminologies, Internet Tools, E-Commerce and other web services</p> <p>5. Ability to develop database applications with MYSQL</p> <p>6. To know about creating Web page and Web site programming</p>
6	DBMS with Oracle	<p>1. To introduce the students to the database system</p> <p>2. To learn how to design database by using different models</p> <p>3. To enable the student to understand the database handling during execution of the transaction</p> <p>4. To understand the handling of database by concurrent user</p> <p>5. To gain complete knowledge of SQL and PL/SQL</p>	<p>1. Femilization with Database Management System, RDBMS,</p> <p>2. Compressive knowledge of database model, Components, Transaction Management</p> <p>3. Ability to code database transactions using SQL</p> <p>4. Skill to Write Sql All commands PI/SQL Program</p> <p>5. To know about How to use sql in Software Development Project</p>
7	ASP.NET using C#	<p>1.To learn various Dot Net Technology</p> <p>2. To enable the students to</p>	<p>1. Ability to develop web page using asp.net and Cascading Style sheet</p> <p>2. Skill to create asp Document and</p>

		<p>design and implement static and dynamic Web pages on web site through using C-Sharp</p> <p>3. To acquire fundamental skills to maintain web server services required to host a website</p> <p>4. To enable the students to make flowchart and design an algorithm for a given c sharp program</p> <p>5. To enable the students to develop logics and program</p>	<p>Schemas</p> <p>3. Knowledge of Client-side and server side scripting language build dynamic web pages</p> <p>4. familization with Web application Termilogy, I nternet tool e-commerce and other web services</p> <p>5.abiity to develop database applications with mysql</p> <p>6. Ability to develop connectivity of Asp.net and C#</p>
8	<p>JAVA and Python Programming</p>	<p>1. To Impart knowledge of one of the latest and powerful programming language- Java and Python</p> <p>2. To Make student understand about to read and write files</p> <p>3. To give a broad view of concept of Object Oriented Programming applied Java and Python</p> <p>4. To Learn how to connect Java and Python program a database</p>	<p>1. Identify advance concepts of Java Programming with database connectivity</p> <p>2. Design and develop platform independent applications using a variety of component based framework</p> <p>3. Implement the concept of Hibernate, Spring, struts ,XML and EJB for building</p> <p>4. Ability to create and execute Java and Python program</p> <p>5. Understanding the working of File I/O</p> <p>6. Ability to manipulate database using Java and Python program</p>


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