

**Ramkrishna Wagh College of Arts & Commerce ,**

**Koradi Road Bokhara**

**Faculty: BCCA (2023-24)**

| Programm    | Outcome   |
|-------------|---|
| <b>BCCA</b> | <p>PO1: Students will have strong programming skills and the ability to design , code, and debug software applications using various programming .</p> <p>PO2:Students will be capable of designing and managing database , including data modeling and SQL query skills.</p> <p>PO3: Information about various computer application and latest developments in IT and communication systems is also provided .</p> <p>PO4: Ability to work in team and build leadership qualities.</p> <p>PO5: Know and apply accounting and finance theory , Evaluate and compare different investments.</p> <p>PO6: Help students in Critical / Computational Thinking through different computer program coding in C, C++, Java, HTML, CSS, JAVASCRIPT and PHP .Apply Computational Thinking to communicate thoughts in a structured and logical way for easier problem solving.</p> <p>PO7: Project Management skills are recognized through designing and creating webpages and web applications.</p> <p>PO8: To train graduate students in basic computer technology concepts and information technology applications.</p> |

## BCCA 1<sup>st</sup> semester

| Course                           | Outcome   |
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| English & Business Communication | CO1: The students will be able to express their thoughts, emotions, opinions and ideas in English in spoken and written form.<br>CO2: The students will be able to make constructive use of ICT and social media.<br>CO3: The students will be able to draft business letters and reports.<br>CO4: The students will be able to deliver a speech, converse, narrate and think logically.  |
| MS-Office                        | CO1: Students will be able to create and save files in Microsoft word, format text in Microsoft word clarity, use spell check and find and replace tools, mail merge wizard and review documents.<br>CO2: In Ms excel-I one can perform basic tasks like formatting of data , modify Excel options, learning of different techniques in Ms excel.<br>CO3: In Ms excel-II one can use range of lookup and reference function, create summaries in your spreadsheet using subtotals, data analysis using sort filter, data validations features.<br>CO4: Create and manipulate simple slide shows with outlines and notes and also create slide presentation that include text, graphics, animation, and transitions. |
| Fundamental of Computers         | CO1: Students will be able to understand and use information of various components of computer .<br>CO2: Students will be able to use the knowledge of peripheral devices the effective working .<br>CO3. Students will be able to analysis and differentiate various models of data transmission .<br>CO4: Student will be able to understand and use information of various functions & features of operating system .  |
| Tally                            | CO1: Given the details about the company students will be able to create company.<br>CO2: Given the day wise transactions of firm , the students will be able to prepare ledger and group   |
| Personal Wellbeing               | CO1. The students will be able to comprehend the significance of food and nutrition.<br>CO2. The students will be able to develop their physical, emotional and mental and spiritual wellbeing and social skills.<br>CO3. The students will learn to cope up with stress.<br>CO4. The students will be able to make financial planning wisely.  |

## BCCA 2<sup>nd</sup> SEMESTER

| Course                            | Outcome   |
|-----------------------------------|---|
| English & Business Communication  | CO1:The students will be identify different functions of management<br>CO2:The students will be able to outline and illustrate plans of various activities .<br>CO3:The will be able to develop competency of designs making while working in a group.<br>CO4:to apply various management principles in life.   |
| Principles of Business Management | CO1:Students will gain information concepts of Marketing and marketing mix<br>CO2:This course helps students to understand various financial terms and sources of long term and short term.<br>CO3:Students will be able to gain knowledge about the concept of Human resource management.<br>CO4:Students will be able to understand operations management and difference between production, manufacturing and service. |
| Database Management System        | CO1: Understand the basic principles of database management systems.<br>CO2: Draw Entity-Relationship diagrams to represent simple database application scenarios<br>CO3:write SQL queries for a given context in relational database.<br>CO4:Discuss normalization techniques with simple examples.<br>CO5:Describe transaction processing and concurrency control concepts.   |
| E-Commerce & Web Designing        | <b>CO1:</b> Understand the basic concepts and technologies used in the field of management .<br>CO2:Recognize the concepts of Internet.<br>CO3: Specify the conceptual knowledge of HTML.<br>CO4: Discuss the principles to design websites.  |
| Tally -2 (ERP 9)                  | CO1:Given the details about the company students will be able to create company.<br>CO2:Given the day wise transactions of firm , the students will be able to prepare ledger and group   |

## BCCA 3<sup>rd</sup> Semester

| Course   | Outcome  |
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| Environmental Studies and Community Engagement         | <p>CO1: Students will understand and importance of various aspects of environment.</p> <p>CO2: Students will become aware of various contemporary issues related to the environment.</p> <p>CO3: Students' awareness and knowledge on environment will make them a responsible person towards the environment.</p>   |
| Business Studies                                       | <p>CO1: Students will gain information concepts of Marketing and marketing mix</p> <p>CO2: This course helps students to understand various financial terms and sources of long term and short term financing</p> <p>CO3: Students will be able to gain knowledge about the concept of Human resource management, importance and functions of HRM</p> <p>CO4: Students will be able to understand operations management and difference between production, manufacturing and service.</p>  |
| CSS & Java Script                                      | <p>CO1: Properly markup content using semantic HTML tags and also use of documentation and follow trends and evolving best practices for HTML and CSS.</p> <p>CO2: Here one can use to define styles of web pages including the design, layout and variations in display for different devices and screen sizes.</p> <p>CO3: Identifying expressions and operators, summarize flow control, demonstrate objects and arrays usage, define functions and methods.</p> <p>CO4: Students will be able to understand about the function declaration, array object and also about the events.s</p> |
| CSS & Java Script & Statistical Techniques using Excel | <p>CO1: Design, implement, test, debug, and document programs that use basic data types and computation, simple I/O, conditional and iterative structures, and functions.</p> <p>CO2: Apply the techniques of structured (functional) decomposition to break a program into smaller pieces.</p> <p>CO3: Describe and use the mechanics of parameter passing.</p> <p>CO4: Discuss and use primitive data types and built-in data structures.</p>  |

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| Computer Network | <p>CO1: Explain basic concepts, OSI reference model, services and role of each layer of OSI model and TCP/IP, networks devices and transmission media, Analog and digital data transmission .</p> <p>CO2 :Apply channel allocation, framing, error and flow control techniques. CO3 :Describe the functions of Network Layer i.e. Logical addressing, subnetting &amp; Routing Mechanism.</p> <p>CO4 :Explain the different Transport Layer function i.e. Port addressing, Connection Management, Error control and Flow control mechanism.</p> <p>CO5 :Explain the functions offered by session and presentation layer and their Implementation.</p> |
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### BCCA 4<sup>th</sup> SEMESTER

| Course                        | Outcome  |
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| Business Economics            | <p>CO 1:Students will develop strong conceptual knowledge of the basics of economics.</p> <p>CO2:</p>  |
| PHP & MY SQL                  | <p>CO1: To understanding the basics of the PHP.</p> <p>CO2: To apply PHP programming to generate static pages and dynamic.</p> <p>CO3 Use MySQL to create, update and delete tables from a database.</p> <p>CO4Create related tables and define keys.&amp; to create a data driven website.</p> <p>CO5:Create both inner and outer joins of two or more tables.</p> <p>Use PHP Use PHP to read a file and add records to the database.</p>   |
| Research Methodology          | <p>CO1: Students who complete this course will be able to understand and comprehend the basics in research methodology and applying them in research/ project work.</p> <p>CO2: This course will help them to select an appropriate research design.</p> <p>CO3 With the help of this course, students will be able to take up and implement a research project/ study.</p> <p>CO4 The course will also enable them to collect the data, edit it properly and analyse it accordingly. Thus, it will facilitate students' prosperity in higher education.</p> <p>CO4:The Students will develop skills in qualitative and quantitative data analysis and presentation.</p> |
| Management Information System | <p>CO1:To describe the role of information technology and decision support systems in business and record the current issues with those of the firm to solve business problems.</p> <p>CO2:Tointroduce the fundamental principles of computer-based</p>  |

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|  | <p>information systems analysis and design and develop an understanding of the principles and techniques used.</p> <p>CO3:To enable students understand the various knowledge representation methods and different expert system structures as strategic weapons to counter the threats to business and make business more competitive.</p> <p>CO4:To enable the students to use information to assess the impact of the Internet and Internet technology on electronic commerce and electronic business and understand the specific threats and vulnerabilities of computer systems.</p> <p>CO5:To provide the theoretical models used in database management systems to answer business questions</p> |
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## BCCA 5<sup>th</sup> Semester

| Course                         | Outcome   |
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| Cost and Management Accounting | <p>CO1: Students would classify various costs and would be able to prepare cost sheet for manufacturing and trading concerns .</p> <p>CO2: Students would be able to prepare process accounts and statements of joint products and by products .</p> <p>CO3: Students will understand that relation between the variable cost, fixed Cost and profit.</p> <p>CO4: Students got knowledge about the calculation of various ratio.</p>  |
| Management Information System  | <p>CO1: Relate the basic concepts and technologies used in the field of management systems.</p> <p>CO2: Compare the process of developing and implementing information System.</p> <p>CO3: Outline the role of the ethical ,social , and security issues of information Systems.</p> <p>CO4: Translate the role of information systems in organizations ,the strategic Management processes, with the implications for the management .</p>   |
| VB.Net                         | <p>CO1: Students will learn how to install Visual Basic .Net, learning Microsoft .Net framework , writing software for windows and also controlling the flow .</p> <p>CO2: Students will learn how to work with data structure, building windows application, displaying dialog boxes.</p> <p>CO3: Students can create menus, how to deal with debugging and error handling and also can build objects.</p> <p>CO4: Students will learn how to access database, database programming with SQL server and ADO.NET and how to deploy the application.</p> |

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| Computerised Accounting Using Tally | <p>CO1: To introduce the students to Basic of Accounts and the usage of Tally for accounting purpose.</p> <p>CO2: To help students to work with well- known accounting software i.e. Tally ERP.9.Tally is an accounting package which is used for learning to maintain accounts.</p> <p>CO3: Students will learn to create company, enter accounting voucher entries including advance voucher entries, do reconcile bank statement, do accrual adjustments, and also print financial statements.</p> <p>CO4: Demonstrate an understanding of various predefined inventory vouchers to suit the various business requirements and flexibility to create unlimited stock items, invoices dimensions.</p> |
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### BCCA 6<sup>th</sup> SEMESTER

| Course                       | Outcome  |
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| Python                       | <p>CO1: students learn how to work with the standard arithmetic operators in Python.</p> <p>CO2:students learn how to define custom functions and run them when they click an element on the page.</p> <p>CO3:students spend some more time defining and using functions that they authored. They also learn to update text, modify global variables, and make comparisons between two values.</p> <p>CO4: students learn how to store multiple values in a list and loop through lists.</p> |
| C#.Net                       | <p>CO1:Student will understand the basic Libraries and its functions •</p> <p>CO2: Student will understand the basic concepts underlying the ASP.net and C#.net •</p> <p>CO3: Student will understand the basic concepts of . NET framework and compact frame work.</p>  |
| Entrepreneurship Development | <p>CO1. Student manager will be able to outline the role of entrepreneurship in economic development</p> <p>CO2: Develop awareness about entrepreneurship and successful entrepreneurs.</p> <p>CO3: Graduates will demonstrate knowledge of current information, theories and models, and techniques and practices in all of the major business disciplines.</p> <p>CO4: develop entrepreneurial abilities by providing background information about support systems.</p>                    |