ST. VINCENT PALLOTTI COLLEGE, KAPA, RAIPUR

Program outcomes, program specific outcomes and course outcomes

Department of Commerce and Management

Bachelor of Commerce(B.Com), Bachelor of Business Administration(B.B.A) And Master of Commerce(M.Com)

Department of Commerce and Management	Program outcome and Program Specific outcome
Program Outcomes	**PO – 1**: After completing three years for Bachelors in Commerce (B.Com) program, students would gain a thorough grounding in the fundamentals of Commerce and Finance. **PO – 2**: The commerce and finance focused curriculum offers a number of specializations and practical exposures which would equip the student to face the modern-day challenges in commerce and business. **PO -3** The all-inclusive outlook of the course offer a number of value based and job oriented courses ensures that students are trained into up-to-date. In advanced accounting courses beyond the introductory level, affective development will also progress to the valuing and organization levels.
Program Specific Outcomes	**PSO-1** - Learners will gain thorough systematic and subject skills within various disciplines of commerce, business, accounting, economics, finance, auditing and marketing. **PSO-2** - Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business. **PSO-3** - 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

Course Outcomes – B.Com-I	
Course	**Outcomes**
0828- ENVIRONMENTAL STUDIES AND HUMAN RIGHTS	**CO-1**- familiarizes the student with the multidisciplinary environmental issues and to develop public awareness for it.
1111-HINDI LANGUAGE	**CO-2-**increases the students' intimacy with the composition of Hindi by explaining it to the students and they should gradually develop the interest of Hindi composition in the context of Hindi and its communication.
1112-ENGLISH LANGUAGE	**CO-3-**enables the students of commerce to speak and write with a fair degree of grammatical correctness.
1113-FINANCIAL ACCOUNTING	**CO-4-**familiarizes the students with basic concepts and methods of Financial Accounting as a practical subject in managing Business
1114-BUSINESS MATHEMATICS	**CO-5**- provides elementary yet essential background of mathematical method so that the students may use themselves in business analysis and decision making.
1115-BUSINESS COMMUNICATION	**CO-6**- develops effective business communication skills among the students
1116-BUSINESS REGULATORY FRAMEWORK	**CO-7**- provides the students the basic knowledge of the provisions of various Acts related to business and management.
1117-BUSINESS ENVIRONMENT	**CO-8**- aims at acquainting the students with the emerging issues in business at the national and international level in the light of the policies of liberalization and globalization.
1118-BUSINESS ECONOMICS	**CO-9**- familiarizes the student with various theoretical concepts of Economics that are related to life

Course Outcomes – B.Com-II	
Course	**Outcomes**
HINDI LANGUAGE	**CO-1**-Increases the students' intimacy with the composition of Hindi by explaining it to the students and they should gradually develop the interest of Hindi composition in the context of Hindi and its communication.
ENGLISH LANGUAGE	**CO-2**-Enables the students of commerce to speak and write with a fair degree of grammatical correctness.
INCOME TAX	**CO-3**-enables the students to know the basics of Income Tax Act and its implications
INDIRECT TAXES	**CO-4**-aims at imparting basic knowledge about major indirect taxes.
MANAGEMENT ACCOUNTING	**CO-5**-provides the students an understanding of the application of accounting techniques for management.
AUDITING	**CO-6**-aims at imparting knowledge about the principles and methods of auditing and their applications.
PRINCIPLES OF MARKETING	**CO-7**-helps students understand the conceptual framework of principles of marketing
INTERNATIONAL MARKETING	**CO-8**-aims at acquainting student with the operations of marketing in international environment.

Course Outcomes – B.Com-III	
Course	**Outcomes**
HINDI LANGUAGE	**CO-1**-Increases the students' intimacy with the composition of Hindi by explaining it to the students and they should gradually develop the interest of Hindi composition in the context of Hindi and its communication.
ENGLISH LANGUAGE	**CO-2**-Enables the students of commerce to speak and write with a fair degree of grammatical correctness.
INCOME TAX	**CO-3**-enables the students to know the basics of Income Tax Act and its implications
INDIRECT TAXES	**CO-4**-aims at imparting basic knowledge about major indirect taxes.
MANAGEMENT ACCOUNTING	**CO-5**-provides the students an understanding of the application of accounting techniques for management.
AUDITING	**CO-6**-aims at imparting knowledge about the principles and methods of auditing and their applications.
PRINCIPLES OF MARKETING	**CO-7**-helps students understand the conceptual framework of principles of marketing
INTERNATIONAL MARKETING	**CO-8**-aims at acquainting student with the operations of marketing in international environment.

Course Outcomes – M.Com-I

Course	Outcomes
MANAGERIAL ECONOMICS	**CO-1**-develops managerial, perspective to economic fundamentals as aids to decision making under given environmental constraints.
ADVANCED ACCOUNTING	**CO-2**-exposes students to accounting issues and practices such as maintenance of company accounts and handling' accounting adjustments.
INCOME TAX LAW AND ACCOUNTS	**CO-3**-helps student understand and conceptual framework of Income tax.
STATISTICAL ANALYSIS	**CO-4**-helps student learn the application of statistical tools and techniques for decision making.
CORPORATE LEGAL FRAMEWORK	**CO-5**-provides knowledge of relevant provisions of various laws influencing business operations.

Course Outcomes – M.Com-II

Course	Outcomes
MANAGEMENT CONCEPT	**CO-1**-helps student understand and conceptual framework of management and organizational behaviour
ORGANIZATIONAL BEHAVIOR	**CO-2**-helps student understand and conceptual framework of management and organizational behavior.
ADVANCE COST ACCOUNTING	**CO-3**-exposes the students to the basic concepts and the tools used in cost accounting.
MANAGEMENT ACCOUNTING	**CO-4**-acquaints student with the accounting concepts, tools and techniques for managerial decisions.
ACCOUNTING FOR MANAGERIAL DECISION	**CO-5**-acquaint student with the accounting concepts, tools and techniques for managerial decisions

Course Outcomes M.Com-III	
Course	**Outcomes**
MANAGEMENT CONCEPT	**CO-1-**helps student understand and conceptual framework of management and organizational behaviour
ORGANISATIONALBEHAVIOUR	**CO-2-**helps student understand and conceptual framework of management and organizational behavior.
ADVANCE COST ACCOUNTING	**CO-3-**exposes the students to the basic concepts and the tools used in cost accounting.
MANAGEMENT ACCOUNTING	**CO-4**-acquaints student with the accounting concepts, tools and techniques for managerial decisions.
ACCOUNTING FOR MANAGERIAL DECISION	**CO-5-**acquaint student with the accounting concepts, tools and techniques for managerial decisions

Course Outcomes - M.Com-IV	
Course	**Outcomes**
PRINCIPLE OF MARKETING	**CO-1-**Facilitates in understanding of the conceptual framework of marketing and its applications in decision making under various environmental constraints.
ADVERTISING & SALES MANAGEMENT	**CO-2**-exposes the students about Legal, ethical and social aspect of advertising
MARKETING RESEARCH	**CO-3-**helps in acquinting the students with the necessary design and methodology of marketing information system
INTERNATIONAL MARKETING	**CO-4-**helps in understanding the policy, delivery and difficulties in the international trading and marketing

Course Outcomes - B.B.A-I	
Course	**Outcomes**
ENGLISH	**CO-1-**enables the students of management to speak and write with a fair degree of grammatical correctness.
COMPUTER APPLICATION	**CO-2**-provides the students an understanding of computers, computer operating system & application of relevant software in management decision making.
BUSINESS MATHEMATICS	**CO-3**-provides elementary yet essential background of mathematical method so that managers may use themselves in business analysis and decision making.
PRINCIPLES OF MANAGEMENT	**CO-4**-helps the Student to acquire the basic knowledge in concept and theory of principles of management.
FINANCIAL ACCOUNTING	**CO-5**-familiarizes the students with basic concepts and methods of Financial Accounting as a practical subject in Business Management

Course Outcomes - B.B.A-II	
Course	**Outcomes**
HINDI	**CO-1**-increases the students' intimacy with the composition of Hindi by explaining it to the students and they should gradually develop the interest of Hindi composition in the context of Language and its communication.
BUSINESS ECONOMICS	**CO-2**-familiarizes the student with various theoretical concepts of Economics that are related to life.
BUSINESS STATISTICS	**CO-3**-helps the student in understanding the various statistical methods, techniques in Business studies and Analysis / Discussions.
COST ACCOUNTING	**CO-4**-familiarizes the students the basic elements of cost and cost determination
ENVIRONMENTAL STUDIES	**CO-5**-familiarizes the student with the multidisciplinary environmental issues and to develop public awareness for it.

Course Outcomes- B.B.A-III	
Course	**Outcomes**
MANAGERIAL ECONOMICS	**CO-1**-familiarizes the students the concepts and theory in decisions making of firm and its application in managerial function.
BUSINESS COMMUNICATION	**CO-2**-develops effective business communication skills among the students.
BUSINESS LAWS	**CO-3**-provides the students the basic knowledge of the provisions of various Acts related to business and management.
BUSINESS AND ENVIRONMENT	**CO-4**-acquainting the students with the emerging issues in business at the national and international level in the light of the policies of liberalization and globalization.
MANAGEMENT INFORMATION SYSTEM (MIS)	**CO-5**-Helps in understanding the information provided to management in the specific format and summarized data using Management Information System tool

Course Outcomes- B.B.A-IV	
Course	**Outcomes**
ORGANISATIONAL BEHAVIOUR	**CO-1**-familiarizes the student with basic concepts and behavioral process in an organisation to enable him to develop and adopt effective strategies.
MARKETING MANAGEMENT	**CO-2**-familiarizes the students the modern Marketing Concepts; tools said techniques to develop their skills required for the performance of marketing functions.
HRM	**CO-3**-helps the students to acquire and develop decision making skills in relation to meaning people in organizations.
FINANCIAL MANAGEMENT	**CO-4**-familiarizes the students with basic concepts and the various accounting techniques in financial decision making and control

PRODUCTION MANAGEMENT	**CO-5**-knowledge about the basic concepts, techniques and methods of Production Management
COMPREHENSIVE VIVA	**CO-6**-related to all the subjects studied in the previous semesters by the students. The viva will be taken by an external examiner.

Course Outcomes - B.B.A-V	
Course	**Outcomes**
MARKETING RESEARCH	**CO-1**-enables the students learn the process, tools and techniques of marketing research
QUANTITATIVE TECHNIQUES	**CO-2**-helps the student in understanding the various quantitative techniques in business studies
SALES AND ADVERTISEMENT MANAGEMENT	**CO-3**-acquinting the students with management of a firm's sales operations, as well also with the theory and practice of advertising.
INVESTMENT MANAGEMENT	**CO-4**-helps students understand various issues in security analysis & portfolio management
MATERIAL MANAGEMENT	**CO-5**-acquainting the students with the importance and various techniques of Material Management

Course Outcomes - B.B.A-VI	
Course	**Outcomes**
BUSINESS POLICY AND STRATEGY	**CO-1**-helps students formulate and strengthen the effective strategies of day to day business.
ENTREPRENEURSHIP AND SMALL BUSINESS MANAGEMENT	**CO-2**-provides exposure to the entrepreneurial culture and industrial growth so as to prepare them to set up and mange their own small units.
BUSINESS TAXATION	**CO-3**-Imparting knowledge about the concepts, provisions and justification of Income Tax and Wealth Tax in India.
BUSINESS ETHICS AND SOCIAL RESPONSIBILITY	**CO-4**-Provides the basic understanding of the Business ethics in the operational environment and implications and features of social responsibility
PROJECT REPORT AND VIVA –VOCE	**CO-5**-The topics of the research project are to be finalized with the consultation of the faculty guide. The project will be evaluated both by internal of the college and external which is to be decided by the university.

Department of Education

BACHELOR OF EDUCATION (B.ED)

Department of Education	Outcomes
Program outcomes	**After successful completion of two years degree program in Education the students will be able ;** **PO1.** To understand basic concepts and ideas of educational theory. **PO2.** To develop among student teachers a clear understanding of psychology of their students. **PO3.** To develop communication and use of ICT. **PO4.** To enable them to utilize community resources as educational inputs. **PO5.** To enable them to take Action Research and use innovative practices. **PO6.** To acquaint them with educational needs of special group of pupils. **PO7.** To foster in them desire of life-long learning.

Program specific Outcomes of B.Ed

Program Specific Outcomes	
	PSO1 To apply their knowledge of core content and Pedagogy to set goals and objectives and plan the curriculum based on national, state and local standards.
	PSO2 To demonstrate their understanding of intellectual, social, emotional and development and build understanding and perspective on the nature of the learner, diversity and learning.
	PSO3 To comprehend the role of the systems of governance and structural – functional provisions that support school education.
	PSO4 To develop understanding about teaching, pedagogy, school management and community involvement.
	PSO5 To build skills and abilities of communication, reflection, art, aesthetics, theatre, self expression

and ICT.

PSO6 To provide meaningful learning experiences for all the students by engaging themselves in the area of instructional and assessment strategies in teaching.

PSO7 To demonstrate leadership by participating in the development and implementation of programs that foster ethical and equitable behavior.

PSO8 To use effective and appropriate techniques in their teaching, collaboration, and interaction with students their family and community

Course Outcomes of B.Ed

Course Outcomes - B.Ed. (Sem – I)	
Course	**Outcomes**
Philosophical perspective of Education	**To enable student –Teacher to understand** **CO1** The relationship between Philosophy and education and implications of Philosophy on education, **CO2** The importance and role of education in the progress of Indian Society. **CO3** The contribution of great educators to the field of education.
NaiTalim : An Experiential Learning	**To enable student –Teacher to** **CO1** Understand the concept of local community engagement in teacher education. **CO2** Understand the context of the child from various background & occupation **CO3** Participate effectively in the local community service.
Pedagogy part-I	**To enable student –Teacher** **CO1** To acquire conceptual understanding of the processes of teaching and learning all the pedagogical subject s like Social Sciences, Languages, Biological and Physical Sciences, Mathematic s. **CO2** Develop process oriented objectives based on content themselves. **CO3** Develop ability to use the concepts for life skills.

Course Outcomes - B.Ed. (Sem –II)	
Course	**Outcomes**
Social logical perspectives of education	**To enable student –Teacher to understand** **CO1** The relationship between Philosophy and education and implications of Philosophy on education, **CO2** The importance and role of education in the progress of Indian Society. **CO3** The contribution of great educators to the field of education.
learner and learning process	**To enable student –Teacher to** **CO1** Understand the concept of local community engagement in teacher education. **CO2** Understand the context of the child from various background & occupation **CO3** Participate effectively in the local community service.
Elective 1	**Educational and mental measurement** To enable the student teachers **CO1** To develop skills and competencies in the student teacher for the use of techniques in the field **CO2** To enable the student teacher to interpret the result of educational measurement **CO3** To enable the students understand about various educational and mental measurement tools **b)Educational technology and management** To enable the student teachers **CO1** To obtain a total perspective of the role of technology in modern educational practice **CO2** To help the teacher to obtain a total gender of his role of scientific management in education

	CO3 To equip the student teacher with the various technological applications available to him for improving instructional practices
	
	c)Educational administration and management
	
	  To enable the student teachers
	
	  CO1 To develop an understanding of the role of headmaster and teacher in school management
	  CO2 To acquaint the student teachers the concept of educational administration
	  CO3 To enable students to understand the concept and importance of communication and its possible barriers in educational administration

curriculum and knowledge	To enable student –Teacher
	
	  CO1 To understand the nature of knowledge moral values and skills
	  CO2 To examine the place of work in education
	
	  CO3 To understand the implication of constructivism in education

Course Outcomes - B.Ed. (Sem –III)	
Course	**Outcomes**

Pedagogy II	**To enable student –Teacher**
	
	  CO1 To acquire conceptual understanding of the processes of teaching and learning all the pedagogical subject s like Social Sciences, Languages, Biological and Physical Sciences, Mathematic s.
	  CO2 Develop process oriented objectives based on content themselves.
	  CO3 Develop ability to use the concepts for life skills.

NaiTalim skill based	**To enable student –Teacher to**

	CO1 Understand the concept of local community engagement in teacher education.
	CO2 Understand the context of the child from various background & occupation
	CO3 Participate effectively in the local community service.

Course Outcomes - B.Ed.(Sem –IV)	
Course	**Outcomes**
Gender school and society	**To enable student –Teacher to** CO1 Understand the problems of girl child education in our society CO2 To equip the teacher with the ability to create more meaningful and gender just experiences for her students
Assessment in learning	**To enable student –Teacher to** CO1 Be exposed to different kinds and forms of assessment that a student earning CO2 Become the use of a wide range of assessment tools and learn to select and construct these appropriately CO3 Evolve realistic comprehensive and dynamic assessment procedures that are able to keep the whole student in view
Elective group II - Teaching of values	**To enable student –Teacher** CO1 To understand the nature and sources of nature and its values CO2 To understand the classification of values under different types CO3 To appreciate educational values like democratic secular and socialistic.

Department of English

MASTER OF ARTS IN ENGLISH (M.A.ENGLISH)

Department Of English	Successful completion of two year post graduation in English will enable the students:
Program Outcomes	**PO1.** The prescribed texts aim to develop in the learners the ability to understand English in a wide range of contexts. **PO2.** To read texts critically. **PO3.** To encourage them to read literary pieces critically. **PO4.** To help students have a good understanding of modern English grammar

Course Outcomes of Post-Graduation in English Semester I and II

Course	Outcomes
Poetry	**CO1.** To help them read, analyse and appreciate poetry. **CO2.** identify the various forms and types of poetry **CO3.** To make them aware of the diverse poetic devices and strategies.
Drama	**CO1.** To identify the various forms and schools of drama **CO2.** To analyse and appreciate drama **CO3.** To enable the students to read, analyse and appreciate drama
Prose	**CO1.** To recognize various types of prose writings **CO2.** To help students understand and appreciate different types of prose writing. **CO3.** To introduce to them the basics concepts of style and literary devices in prose
Fiction	**CO1.** To know the basic differences between traditional narration and modern fiction **CO2.** To appreciate and analysis the fictional and dramatic elements in literature

Language Management And Skills	**CO1.** To develop a reading habit. **CO2.** To become more sensitive and aware of social issues. **CO3.** To develop and improve structural writing skills.

Course Outcomes of Post-Graduation in English Semester III and IV	
Course	**Outcomes**
Critical Theories	**CO1.** Study the details of Aristotle's poetics, Longinus' On the Sublime. Understand in depth the various schools of literary criticism and well known critics like John Dryden, Coleridge, T.S Eliot, Mathew Arnold, Philip Sydney, W.Wordsworth, Northrop Frye, Derrida, Elaine Showalter etc are a few of them
Indian Writing In English	**CO1.** Identify in details with examples & appreciation of the fiction and Indian English writers. R K Narayan, Mulk Raj Anand, Raja Rao, GirishKarnad, Vijay Tendulkar Arundhati Roy, AmitavGhosh, Amitavghosh, ArvindAdiga
American Literature	**CO1.** Identify in details with examples ability to explore human condition in different periods of the American literature. Appreciate the representative poets, novelists and representative works of American literature. Learn the use of various literary devices by American writers. Study the literary expressions of American writers depicting American sensibility.
English Language Teaching	**CO1.** Study of linguistic theories, semantics, discourses, Bloomfield's theory, pronunciation, phonology, lexicology, grammar, language testing, English language teaching. Language laboratory, vocabulary building and linguistic theories.
New Literatures In English	**CO1.** Specify the classification and characteristics of aesthetics of commonwealth Literature. Appreciate the use of various literary devices by commonwealth writers, African American literature, Early Canadian and Australian literature.

Department of Computer Science

Bachelor of Computer Application (BCA) And Pg Diploma In Computer Application(PGDCA)

Department of Computer Science	Outcomes
Programme Outcomes	After successful completion of three year degree program in BCA and two semester program in PGDCA a student should be able: PO-1.To create awareness among students about computer science courses like BCA and PGDCA. PO-2. To take admission in BCA and PGDCA to become Computer Savvy. PO-3. During the course curriculum of BCA and PGDCA , students will be aware about computer science subject like: PO-4.BCA-I: Programming in C, Web Technology, PC Software, Fundamentals of Computer, Mathematics. PO-5.BCA-II: Computer Network, Database Management System, Operating System and Linux, C++. PO-6.BCA-III: Computer System Architecture, Operating System, Java, Software Engineering, Financial Accounting, Foundation Course (English). PO-7.PGDCA: Office Automation, Programming in C, Tally, Visual Basic.
Program Specific Outcomes	PSO-1. To understand the power of Computer Science or Information Technology. PSO-2. To understand the power of programming languages to develop their career in IT PSO-3. To understand the power of Databases to develop career in IT. PSO-4. To understand web scripting languages to develop stunning websites. PSO-5. To aware and development of apps related to smart

phones.
PSO-6. To create awareness about computer security.
practical based learning make students skilled for
their future and career

Course Outcomes: BCA-I	
Course	**Outcomes**
101. Discrete Mathematics	CO-1.To get the Knowledge about relations and Functions. CO-2.To studies the basics of tree and graphs. CO-3.To get familiar with Boolean algebra
102. Fundamental of Computer	CO-1.Show an awareness of what the major computer components are and how they act as a System. CO-2.Describe the organization and operation of a computer processor, primary memory, secondary memory, and peripheral devices to give Computer specifications. CO-3.Show an awareness of the capability and limitations of computers. CO-4.Give students an in-depth understanding of why computers are essential components in business, education, and society
103. Programming In 'C' Language	CO-1.To be able to build own logic for a given problem and finally develop one's programs. CO-2.To understand the syntax and the semantics of C programming language.
104. Pc Software And Multimedia	CO-1.Use computer application software to solve problems. CO-2.To gain knowledge of various MS office tools. CO-3.Use a standard word, and spreadsheets, PowerPoint database systems & graphics generation packages. CO-4.Teach the principles of how different types of media can be processed and presented by computers.
105. Web Technologies & Commerce	CO-1. Students should be able to design and implement a basic website. CO-2. Students should be able to implement different navigation strategies. CO-3. Students should be able to use client-side technologies (XHTML, CSS, forms, JavaScript). CO-4. Students should be able to develop a simple back-end database to support a website. CO-5. Students should be able to recognize and evaluate website organizational structure and design

	elements.
	CO-6. Be familiarized with the concept of E-Business and E-Business Models.
Communication Skill	CO-1. Communication has to keep pace with people's lifestyles, business, and occupations.
	CO-2.There are changes in communication style as technology influences everything that we do: business, industry, education, entertainment, and our daily lives.
107. Programming Lab In C	CO-1.The objective of this subject is to get in-depth practical knowledge of C language.
	CO-2.To know the advanced concepts of C Programming Language.
108. PC SOFTWARE LAB	CO-1.To develop skills for effective use of the MS office tools.
	CO-2. Provide hands-on use of Microsoft Office applications Word, Excel, Access and PowerPoint. Completion of the assignments will result in MS Office applications knowledge and skills.
109. Web Technology Web	CO-1.To get familiar with the basics of Internet Programming.
	CO-2. To implement interactive web page(s) using HTML, CSS and JavaScript.
	CO-3. To Build Dynamic web site using server-side PHP Programming and Database connectivity.

Course Outcomes: BCA-II	
Course	**Outcomes**
201.Calculus And Differential Equations	CO-1. Differential Calculus is a subfield of calculus, concerned with the study of the rates at which quantities change. It is one of the two traditional divisions of calculus, the other being integral calculus, the study of the area beneath a curve.
	CO-2. Finding the derivative of a function at a chosen input value describes the rate of change of the function near that input value.
	CO-3.States that differentiation is the reverse process of integration.
202.Database Management System	CO-1.To understand the difference between storing data in FMS and DBMS and the advantages of DBMS. To understand the conceptual and physical design of a database.
	CO-2.To understand RDBMS and queries to design database and manipulate data in it
	CO-3.To know basic database backup and recovery.
203. Programming Lab In C++	CO-1. Understand the features of C++ supporting object-oriented programming.
	CO-2. Understand the relative merits of C++ as an object-oriented programming language.
	CO-3. Understand how to produce object-oriented software using C++ .
	CO-4. Understand how to apply the major object-oriented concepts to implement object-oriented programs in C++, encapsulation, inheritance, and polymorphism.
	CO-5. Understand advanced features of C++ specifically stream I/O, templates and operator overloading.
204. Computer Networks	CO-1. Different types of media, multiplexing, switched networks, the Internet, TCP/IP suite, fiber-optic communications, and state-of-art networking applications.
	CO-2.Various transmission media, their comparative study, fiber optics, and wireless media.

Course	Outcomes
	CO-3. Categories and topologies of networks (LAN and WAN and TCP/IP) and protocol suites. CO-4. Channel error detection and correction, MAC protocols, Ethernet and WLAN Details of IP operations on the Internet and associated routing principles.
205.Operating System With Linux	CO-1. Know the components of an operating system. CO-2. Understand the basics of process management and memory management. CO-3. Know the concepts of I/O and file systems. CO-4. Provide information about the functions and roles of each of the components of the operating system.
206. Foundation Course	CO-1. To familiarize students with the best samples of writings in English so that they can learn the structure of the language as it is used creatively. CO-2. To orient students to social and cultural issues. CO-3. To acquaint students with different writing styles of English.
207. Programming Lab In C++	CO-1. Understand the features of C++ supporting object-oriented programming. CO-2. Understand the relative merits of C++ as an object-oriented programming language. CO-3. Understand how to produce object-oriented software using C++ . CO-4. Understand how to apply the major object-oriented concepts to implement object-oriented programs in C++, encapsulation, inheritance, and polymorphism. CO-5. Understand advanced features of C++ specifically stream I/O, templates and operator overloading.
208. Database Management System Lab	CO-1. To demonstrate the principles behind systematic database design approaches by covering conceptual design, logical design through normalization. CO-2. To develop the skill of the basic knowledge of SQL.
209. Operating System Lab	CO-1. To understand and make effective use of Linux utilities and shell scripting language to solve problems. CO-2. To implement some standard Linux utilities such as ls, cp etc.

Course Outcomes: BCA-III	
Course	**Outcomes**
301. Part I- Calculus & Geometry	CO-1. Students should understand the meaning of the derivative in terms of a rate of change and local linear approximation and should be able to use derivatives to solve a variety of problems. CO-2. Evaluate the limit of a function using numerical and algebraic techniques, the properties of limits, and analysis techniques. CO-3. Finding the derivative of a function at a chosen input value describes the rate of change of the function near that input value.
301. Part II-Differential Equation & Fourier Series	CO-1. Evaluate first-order differential equations including separable, homogeneous, exact, and linear. CO-2. Introduce the basic statistical data analysis.

	CO-3. Introduce the Fourier series and its application to the solution of partial differential equations.
	CO-4. Introduce the concepts of Laplace and Fourier transforms.
301. Part III-Computer System Architect	CO-1. To learn the design of Control Unit and ALU of a typical computer.
	CO-2. To learn about the memory, input-output organization of a typical computer.
	CO-3. To learn the concepts of pipelining and vector processing.
302. JAVA	CO-1. Implement Object Oriented programming concept using basic syntaxes of control Structures, strings, and function for developing skills of logic building activity.
	CO-2. Identify classes, objects, members of a class and the relationships among them needed for finding the solution to a specific problem.
	CO-3. Demonstrates how to achieve reusability using inheritance, interfaces, and packages and describes faster application development that can be achieved.
	CO-4. Demonstrate understanding and use of different exception handling mechanisms and concepts of multithreading for robust faster and efficient application development.
303. Operating System	CO-1. To understand the services provided by an operating system.
	CO-2. To study the process management and scheduling.
	CO-3. To understand the concepts and implementation of Memory management policies and virtual memory.
	CO-4. To understand the working of an OS as a resource manager, file system manager, process manager, memory manager and I/O manager and methods used to implement the different parts of OS.
304. Software Engineering	CO-1. To gain knowledge of various software models.
	CO-2. To gain knowledge of various software design activities.
	CO-3. To learn cost estimation, software testing, maintenance and debugging.
305.(A) Multimedia Tool And Application	CO-1. To get the Knowledge about the basics concepts of multimedia and its applications.
	CO-2. To get the knowledge of its relevance with the internet and its future aspects.
305. (B) Multimedia Tool And Application Lab	CO-1. To understand the standards available for different audio, video and text applications.
	CO-2. To Design and develop various Multimedia Systems applicable in real-time.
	CO-3. To learn various multimedia authoring systems.
306: (A) Financial Management Accountancy	CO-1. To get knowledge about the important management concepts & their application.
	CO-2. To have an insight of various functional departments in an organization.
306 B) Foundational Course	CO-1. To have a basic understanding of the correct use of the English Language.
	CO-2. To improve oral as well as written communication skills.
307. Java Lab	CO-1. To understand the importance of Classes & objects along with constructors, Arrays, and Vectors.
	CO-2. Understand the java programming and Object-Oriented Programming concepts.
	CO-3. Understand the concepts of Interface, Exception handling, Threading, and Package.
	CO-4. Understand the basic concepts of the Applet.

Department of Physical Education and Yoga

BACHELOR OF PHYSICAL EDUCATION (B.P.E),PG DIPLOMA IN YOGA (PGD IN YOGA)

Department of Physical Education and Yoga	Outcomes
Progrmme Outcomes	After successful completion of One year PG Diploma in Yoga program a student should be able to; PO-1. Become successful professionals in many fields such as School, Educational institution, government Departments, academia, Mental Hospitals, General hospitals, Central Jails, Police Departments, Rehabilitation Centers, Naturopathy Centers, Hotel Industries, research and entrepreneurial pursuits.
	PO-2. Contribute to society as broadly educated, expressive, ethical and responsible citizens with proven expertise.
	PO-3. Successfully pursue lifelong learning to fulfill their goals. Able to provide yogic healing for lifestyle disorders and psychosomatic problems.
Progrmme Specific Outcomes	PSO-1.Sselect modern Yogic tools and techniques and use them with dexterity.
	PSO-2. Identify, analyze, formulate and develop Yoga applications to meet desired needs within realistic constraints such as life style disorders and psychological problems.
	PSO-3. Provide a wide range of yogic programmes as per taste, Age, need and interest of the aspirants/patients.
Course Outcome PGD in Yoga **Semester – I**	
Course	**Outcomes**
Theoritical Yoga Vijnan:	CO-1.To makes students Understand and utilize knowledge of Philosophy of Yogashastra for better yogic practices. CO-2. To develop among students teachers a clear understanding of yogic concept, meaning yoga guru shishya tradition of the yoga education and Philosophy. CO-3. The enable them to understand about the main types of yoga and their cultivation method utilize community modern living . CO-4. Comprehend the role of cotemporary yogis development and contribution of yogic life style to enable them society

Applied Yoga vijnan:	CO-1. The knowledge of this course enables the students about pros and cons of yogic practices to avoid the ill effect of wrong practices. CO-2. The student build skills and abilities of yogic lifestyle Use effective and appropriate techniques in their yogic practice collaboration positive and negative factors. CO-3. Apply their knowledge of life pattern and yoga role of yoga asana in modern living. CO-4. To develop understanding of aspects of mind and mental process.

Course Outcome PGD in Yoga **Semester – II**
Department of Physical Education and Yoga

Course	**Outcomes**
Yoga Philosophy:	CO-1.This course will introduce different philosophers concepts in the field related to Yoga and various traditions in Indian culture CO-2. Impart knowledge of the subject matter of yoga Philosophy to enable them to utilize community. CO-3. Enable students to adopt different system of yoga philosophy, collaboration and interaction with students their family and community. CO-4. To understand and development basic concepts of kinds of yoga.
Hatha Yoga:	CO-1. Develop understanding about yogic practice in the teaching of hathpradipika andgherandasamhita. CO-2. Apply their knowledge of pranayama its meaning , methods to enable them utilize self life. CO-3. Enable students to take yogic shuddiktiyas , demonstrate and practice in modern living life. CO-4. Use effective and appropriate bandha and mudras for benefits of health.

Department of Physical Education and Yoga	**After successful completion of Four year Degree program in Physical Education a student should be able -**
Program Outcomes	PO-1. To provide career opportunities. PO-2. To create awareness about physical fitness. PO-3. To inculcate the skill of socialization.
Program Specific Outcomes	PSO-1. To provide knowledge regarding health. PSO-2. To develop different skills of sports PSO-3. To encourage the student to participate in tournament.

Course Outcome Physical Education - B.P.E. – I	
Course	**Outcomes**
FC - Hindi	CO-1.Nk=ksadksfgUnhHkk'kk ds mnHkofodklrFkkfofHkUUk :iksa ,oacksfy;ksadkKkuIkzkIkrgksxkA CO-2.Nk= fgUnh x| vkSj i| dh fofHkUUklkfgR; fo/kkvksalsifjfprgq,A CO-3.Nk=ksaesafgUnhHkk'kk ds ek/;e IsuSfrdewY;] jk'Vªh; ewY; rFkklkekeftdewY;ksa ds izfrvkLFkkfuekZ.kgqbZA
FC - English	CO-1.To develops the skills of the students in English Language. CO-2.To Prepare the students for vocabulary and basic Grammar. CO-3.To develops the comprehension level of the students.
Introduction to Physical Education	CO-1. Movement composition. CO-2. Performance and application. CO-3. Developing proper attitudes towards teaching. CO-4. The study of idea and benefits about the meaning of life.
Applied Anatomy	CO-1. Knowledge of basic body structure and structure of the body. CO-2. Understanding of Functions and type of muscles. CO-3. Knowledge of various body parts and its functions. CO-4. Knowledge of the effects of exercise on the body.
Health Education First aid and Safety Education.	CO-1. To make the school environment clean. CO-2. Prevent communicable And Non Communicable Diseases. CO-3. Identify and treat any abnormities deafest diseases as early as possible and do the referral and follow up. CO-4. Knowledge of Sports injury prevention.
Sociology	CO-1. Define sociology and demonstrate nature, Scope and subject matter of Sociology. CO-2. Information about the basic unit and Relations of the Society. CO-3. Knowledge of various culture of Indian Society. CO-4. Understand and analyze Social, economic and political aspects of rural society.
Movement Education	CO-1. Knowledge of basic body movement. CO-2. Anatomical knowledge growth and development. CO-3. Knowledge Motor learning skill. CO-4. Knowledge of methods of evolution of students.
Course Outcome Physical Education - B.P.E. – II	
Course	Outcomes
FC - Hindi	CO-1. Nk=ksadksfgUnhHkk'kk ds mnHkofodklrFkkfofHkUUk :iksa ,oacksfy;ksadkKkuIkzkIkrgksxkA CO-2. Nk= fgUnh x| vkSj i| dh fofHkUUklkfgR; fo/kkvksalsifjfprgq,A CO-3. Nk=ksaesafgUnhHkk'kk ds ek/;e IsuSfrdewY;] jk'Vªh; ewY; rFkklkekeftdewY;ksa ds izfrvkLFkkfuekZ.kgqbZA CO-4. Nk=ksadksfgUnhHkk'kk ds dk;kZZyhu ,oaO;ogkfjd i=kssa ds Lo:idksKkugqvkA
FC - English	CO-1.To Develops the skills of the students in English Language.

	CO-2.To Prepare the students for vocabulary and basic Grammar. CO-3.To Develop the comprehension level of the students. CO-4. The students know English as a language at the global level.
Psychology	CO – 1. Knowledge of psychological aspects used in sport. CO – 2. Rules of learning curve ,transfer of training, difficulty in learning knowledge. CO- 3. Motivation on sports personality, memory, individual differences, emotion knowledge.
Physiology and Physiology of Exercise	CO-1. Knowledge exercise physiology and anatomy. CO-2. Functions of respiratory system ,digestive system, nervous system .etc. CO-3. Effect of exercise on circulatory, respiratory and muscular system.
Kinesiology	CO-1. Improvement in performance. CO-2. To improve sports equipment. CO-3. Preventing of sports injuries. CO-4. Evolution of sports performance.
Sports Sociology	CO- 1. Leadership ability through sports. CO- 2. Recognition in society through sports. CO-3. Socialization through sports. CO-4. Achieve social mobility through sports.
Recreation	CO-1. Utilization of free time. CO-2. Availability of surplus energy. CO-3. Attainment of satisfaction. CO-4. Reduce anxiety, stress and crime.

Course Outcome Physical Education - B.P.E. – III	
Course	**Outcomes**
FC - Hindi	CO-1. Nk=ksadksfgUnhHkk'kk ds mnHkofodklrFkkfofHkUUk :iksa ,oacksfy;ksadkKkuIkzkIrgksxkA CO-2.Nk= fgUnh x| vkSj i| dh fofHkUulkfgR; fo/kkvksalsifjfprgq,A CO-3. Nk=ksaesafgUnhHkk'kk ds ek/;e lsuSfrdewY;] jk'V^ah; ewY; rFkklkekftdewY;ksa ds izfrvkLFkkfuekZ.kgqbZA CO-4. Nk=ksadksfgUnhHkk'kk ds dk;Zyhu ,oaO;ogkfjd i=ssa ds Lo:idksKkugqvkA
FC - English	CO-1.To Develops the skills of the students in English Language. CO-2.To Prepare the students for vocabulary and basic Grammar. CO-3.To Develop the comprehension level of the students.
Professional Preparation	CO- 1. Knowledge of physical education profession. CO-2. Professional preparation in colleges in India. CO-3. Preparation of the specialization physical education teacher. CO-4. Role of teacher education institution.
Education Method	CO-1. Traditional and modern India concept of education. CO-2. Maxims of principles of teaching. CO-3. Philosophy and methods of teaching.

	CO-04. Teaching techniques in physical education.
	CO-5. Knowledge of classroom management principal.
	CO-1. Knowledge of communicable and non-communicable diseases.
Health Education	CO-2. Knowledge of concept of health.
	CO-3. Organizational and administration set up of health system in India.
	CO-4. Personal and environmental hygiene.
	CO-5. National health program in India.
Sports Psychology	CO-1. Importance of sports psychology for Physical Education and coaching .
	CO-2. Knowledge of cognitive process in Physical Activity.
	CO-3. Knowledge of different stages of motor development.
	CO-4. Usefulness of motivation in the field of sports.
Educational Technology	CO-1. Knowledge of how to use communication in the classroom.
	CO-2. Find out how to use educational material four learning.
	CO-3. New teaching techniques and innovation.
Course Outcome Physical Education - B.P.E. – IV

Course	Outcomes
Foundation of Physical Education	CO-1. Knowledge different foundations of Physical Education.
	CO-2. Conditions and factors affecting learning.
	CO-3. Use of mechanical elements in the field of Physical Education.
	CO-4. Importance and implication of Physiology in sports and Physical Education.
Adapted Physical Education	CO-1. Role of Physical Education in Adapted Physical Education.
	CO- 2. Behavioral problem associated with disability.
	CO- 3. Adapted Physical Education program.
	CO- 4. Knowledge of special program adapted Physical Education.
	CO-5. Knowledge and Rehabilitation Adapted Physical Education.
Management of Physical Education	CO-1. Tournament organized in college and university.
	CO-2. Knowledge of facilities and equipment in the competitions.
	CO-3. Intramural, Extramural and public relations.
	CO-4. Teachers preparation before class, lesson plan marking of the count necessary equipments suitable uniform.
	CO-5. Conducting competitions.
Test and Measurement	CO-1. Knowledge of Measurement and evaluation process.
	CO-2. Proper classification of players.
	CO-3. To know future achievements.
	CO-4. To Know, inspire the student and the players .
	CO-5. Preparing an effective plan.
Introduction to corrective and rehabilitation	CO-1. Minimize the sports injuries.
	CO-2. Treatment and rehabilitation of sports injuries.
	CO-3. Helping the female athlete during the medial problem.

	CO-4. First aid process. CO-5. The correct posture deformities. CO-6. Knowledge of Physiotherapy.
Theory &Methodology of sports training	CO-1. Principles of sports training. CO-2. Development of sports training. CO-3. Improve technical skills through. CO-4. Management of strength training program. CO-5. Knowledge load factors and adaptation. CO-6. Knowledge training plan and periodization.