

B.L.D.E.A 's


**A. S. PATIL COLLEGE COMMERCE,
VIJAYAPUR**

BCA PROGRAMME



**“PROGRAM SPECIFIC OUTCOMES
&
COURSE OUTCOMES”**

2020 To 2021


**CO-ORDINATOR,
B. C. A. PROGRAMME
A.S.P. COLLEGE OF COMMERCE
(Autonomous), VIJAYAPUR.**


**CO-ORDINATOR,
IQAC Cell
BLDEA's, A.S.P. College of Commerce,
VIJAYAPUR.**


**Principal,
A. S. Patil College of Commerce,
(Autonomous) VIJAYAPUR.**

PROGRAM SPECIFIC OUTCOMES

PSOs		DESCRIPTIONS
PSO1	Professional Skills	Ability to understand and develop computer programs, apply standard Software Engineering practices and strategies in real-time software project development using open-source programming environment or commercial environment to deliver quality product for the organization success.
PSO2	Problem Solving Skills	Ability to apply standard practices and strategies in Project development, Design and develop computer programs/computer-based systems in the areas related to algorithms, networking, web design, IoT and data analytics of varying complexity.
PSO3	Successful Carrier	The ability to Employee Modern Computer Languages, environment, carrier paths and Higher Education.

PROGRAMME OUTCOMES

Pos		DESCRIPTIONS
PO1	Computing Knowledge	Apply the knowledge of mathematics, science and computing fundamentals to the real world problems.
PO2	Problem Analysis	Identify, formulate, and analyze real world problems reaching substantiated conclusions using first principles of mathematics and natural sciences.
PO3	Design & Development Solution	Design solutions for real world problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	Find Innovative problems	Knowledge based methods including experimental design, data interpretation and analysis.
PO5	Modern Tools usage	Develop , select and Apply various techniques, Modern technology and IT tools.
PO6	Environment and ethics	Understand the impact of modern applied science in Environmental context apply ethical principle and commit to professional ethics and responsibilities.
PO7	Communication	Develop effective communication skills, design documentation, make effective presentations, report writing.
PO8	Project Management	Demonstrate knowledge, understanding of the technology, management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

Course Outcomes (BCA I- SEM)

<u>INDIAN CONSTITUTION(Theory)</u>	
CO1:	Understanding the meaning and importance of Constitution.
CO2:	Describe the Salient (Outstanding) features of Indian Constitution, Understanding the basic fundamental rights and duties.
CO3:	Describe the Directive principles of State policy. Understand the Union executives. The parliament members, leaders, election procedure etc.

<u>STATISTICAL METHOD (Theory)</u>	
CO1:	Understanding Basics of Statistics and Calculate measures of central tendency.
CO2:	Learning different types of Deviation & its Coefficient.
CO3:	Understand regression and correlation analysis.
CO4:	Discuss the different probability distributions & Acquire knowledge on sampling
CO5:	Discuss the different sampling distributions.

<u>DIGITAL LOGIC (Theory)</u>	
CO1:	Understanding Numbering System.
CO2:	Learning of Basic fundamentals of Boolean Algebra.
CO3:	Learning of Logic Gates & K-maps.
CO4:	Study of Combinational Logic, Registers and Counters.
CO5:	Learning of Storage Memory through circuit diagrams.

<u>ENGLISH</u> (Theory)	
CO1:	Read, understand, and interpret a variety of written texts.
CO2:	Undertake guided and extended writing using appropriate vocabulary.
CO3:	Understanding and correcting grammar usage
CO4:	Listen and speak with confidence in both formal and informal contexts with reasonable fluency and acceptable pronunciation.
CO5:	Become employable with requisite professional skills, ethics and values.

<u>HINDI</u>(Theory)	
CO1:	Develop Hindi reading & linguistic comprehension of students.
CO2:	Develop interest in literature story and poetry.
CO3:	Inculcate moral and human values within themselves.
CO4:	Understand the types of Hindi Short Story Writing.
CO5:	Develop Reading, Writing & Communication skills

<u>KANNADA</u>(Theory)	
CO1:	To impart and motivate them to learn the State Language with easeness and confidence enabling for better communication skills.
CO2:	To orient , enhance the knowledge of the language basics & vachanas.
CO3:	To train the students effectively in learning process of Kannada language.
CO4:	To enable the learners with the history, evolution.

DATA STRUCTURE USING C (Laboratory)

CO1:	Implementing recursion algorithm concept in Binomial Co-efficient.
CO2:	Implementation of searching and sorting techniques.
CO3:	Simulating the operations on Stack and Queues-Circular & Ordinary.
CO4:	Demonstration Of convert the infix to postfix expression.
CO5:	Implementation of Files.

OPERATING SYSTEM(Laboratory)

CO1:	Recognize CPU Scheduling, synchronization, and deadlock.
CO2:	Develop various system programs to make use of OS concepts related to process synchronization, shared memory, file systems and Deadlock, etc.
CO3:	Apply segmentation and paging techniques.
CO4:	Implementation of semaphore.

OFFICE AUTOMATION(Laboratory)

CO1:	Able to do Various Formatting in MS-Word.
CO2:	Able to apply knowledge in Creating Mail Merge and to run Macros in MS-Word.
CO3:	Able to do Various Formatting in MS-Powerpoint to create the slides.
CO4:	Applying various calculating functions and formulae and creating Different Charts Using MS-Excel.