

DEPARTMENT OF COMPUTER APPLICATIONS

PROGRAMME OUTCOMES (PO)

Our learning outcomes are statements that describe skills that we expect to enable our student to attain by the time of graduation.

B. Sc (Computer Science) Learning Outcomes:

1. Learn how to organize information efficiently in the form of outlines, charts, etc. by using appropriate software. Develop the skills to present ideas effectively and efficiently.
2. Do Academic and Professional Presentations: Designing and delivering an effective presentation and developing the various IT skills to the electronic databases.
3. Use the Systems Analysis Design paradigm to critically analyse a problem. 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 behaviour.
4. Develop IT-related security issues and protocols. Design and implement a web page. Improve communication and business management skills, especially in providing technical support. Serve as the System Administrators with thorough knowledge of DBMS.

B. Com (Computer Applications) Learning Outcomes:

- Demonstrate a basic understanding of computer hardware and software.
- Demonstrate problem-solving skills.
- Apply logical skills to programming in a variety of languages.
- Discuss web technologies.

- Activate and evaluate appropriate legal and ethical standards pertaining to all forms of communications and network security.

PROGRAM SPECIFIC OUTCOMES (PSO)

- Apply standard software engineering process and strategies in software project development using open source programming environment to deliver a quality product for business success.
- Acquaintance with latest trends in technological development and thereby innovate new ideas and solutions to existing problems.
- Conceptual grounding in computer usage as well as its practical business applications.
- To demonstrate advanced skills in the effective analysis design and realisation of business systems utilizing contemporary information technology.
- Apply fundamental principles and methods of Computer Science to a wide range of applications.
- Design, correctly implement and document solutions to significant computational problems.
- Impart an understanding of the issues of our discipline.
- Prepare for continued professional development.
- Develop proficiencies in the practice of computing.

FIRST YEAR SEMESTER I

S.NO	PROGRAMME	TITLE	COURSE CODE	HOURS PER WEEK	CREDITS	OUTCOME
1	B.Com(CA)	Fundamentals of Information Technology	DSC103	3T + 4P	5	<ul style="list-style-type: none"> • Explain how a computer works, including but not limited to hardware, network, and security features. • Describe how an operating system interacts with hardware and software and principal differences in various operating systems. • Explain how computers are networked, and the protocols that govern internet and application communication. • Explain basic cybersecurity issues regarding computer operating systems and networks. • Identify computer systems components and their functions and how the fundamentals of a processor function. • Summarize the assembly and configurations of computer systems, networks, and applications.
2	B.Sc(CS)	Programming in C	DSC-1	4T + 3P	5	<ul style="list-style-type: none"> • Students will be able to develop logics which will help them to create programs, applications. • By learning C, Students will be able to visualize the inner workings of computer systems, their architecture &

3	B.A B.Sc					<ul style="list-style-type: none"> the concepts that drive programming. • Students will be able to work on open source projects. • Learners can go to the internet link search portal to look for open positions in C programming. • Knowing C makes learner a good fit for all kinds of demands. • Teaches students to write code that is exceedingly more efficient in c.
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