POS of BCA

PO1	**Programming Proficiency**: Will be proficient in programming languages commonly used in the industry, such as Java, C++, Python, or others. They will be able to design, code, test, and debug software solutions.
PO2	**System Analysis and Design:** Students will be able to analyze user requirements and design effective and efficient computer-based systems. This includes understanding system components, data structures, and algorithms.
PO3	**Database Management:** Students will have a good understanding of database management systems. This includes designing and implementing databases, as well as querying and maintaining data using database languages like SQL.
PO4	**Web Development Skills:** Proficiency in web development technologies, including HTML, CSS, JavaScript, and knowledge of web frameworks, should be part of the program outcomes. Students should be capable of developing dynamic and interactive web applications.
PO5	**Software Development Lifecycle:** Understanding of the software development lifecycle, including requirements gathering, analysis, design, coding, testing, deployment, and maintenance. This includes knowledge of software development methodologies like Agile or Waterfall.
PO6	**Computer Networks and Security:** Knowledge of computer networks, protocols, and security measures is essential. Graduates should be aware of network architectures, security threats, and measures to protect computer systems and networks.
PO7	**Problem Solving and Critical Thinking:** The ability to analyze problems, think critically, and apply problem-solving skills to address real-world challenges. This includes debugging code, troubleshooting system issues, and finding innovative solutions.