Bachelor of Computer Application (BCA)

Course Overview Institution: St. Anne's First Grade College for Women

Program Duration: 3 Years (6 Semesters)

Semester 2:

English:

This course explores classical and modern English literature. Students will engage with texts from different periods, analyzing themes, language, and literary techniques

Hindi:

This course explores classical and modern Hindi literature. Students will engage with texts from various literary periods, analyzing themes, language, cultural context, and literary techniques used by prominent Hindi authors and poets.

Computer Architecture:

This course explores the structure and functionality of computer systems. Students will engage with topics such as digital logic, processor organization, memory hierarchy, and instruction execution, gaining insight into how computers process information**.**

Object-Oriented Programming Language Using Java:

This course introduces the principles of object-oriented programming through Java. Students will engage with concepts such as classes, objects, inheritance, polymorphism, and exception handling, building robust applications using Java programming constructs.

Database Management System:

This course focuses on the design, implementation, and management of database systems. Students will engage with concepts such as data modeling, SQL, normalization, and transaction management to develop efficient and reliable database applications.