

BCA

Affiliation : Mahatma Gandhi University, Kottayam

Duration : 3 Years

Eligibility : Plus 2 or equivalent

Semester I

- 1.1 English - (Paper I)
- 1.2 Introduction to Computers
- 1.3 Introduction to Programming
- 1.4 Algebra & Logic
- 1.5 Probability & Statistics
- 1.6 Software Lab I

Semester II

- 2.1 English - (Paper II)
- 2.2 Data Structures
- 2.3 Discrete Mathematics
- 2.4 Digital Electronics
- 2.5 Office automation & Accounting
- 2.6 Software Lab II

Semester III

- 3.1 Design and Analysis of Algorithms
- 3.2 Advanced Statistical Methods
- 3.3 Computer Organization and Architecture
- 3.4 COBOL and Business
- 3.5 Data Base Management Systems
- 3.6 Programming Lab -III

Semester IV

- 4.1 Computer Networks
- 4.2 Operation Research
- 4.3 Object Oriented programming with C++
- 4.4 Computer Graphics
- 4.5 Micro Processor and PC Hardware
- 4.6 Programming Lab - IV

Semester V

- 5.1 System Software
- 5.2 Visual Programming
- 5.3 System Analysis and Design
- 5.4 Internet Technology and JAVA Programming
- 5.5 Mini Project
- 5.6 Programming Lab -V

Semester VI

- 6.1 Software Engineering
- 6.2 Operating System
- 6.3 E-Commerce
- 6.4 Seminar
- 6.5 Project