

Bachelor of Computer Application (B.C.A.)

BCA College in Jaipur | Best BCA college in Jaipur | Best BCA College in Rajasthan

Ist Year Paper

- History of Science and Invention
- Communication Skills
- Technical Reporting
- Electrical Circuit Devices and Circuit Analysis
- Semi Conductor phy. Elect. Devices & Circuits
- Business Accounting Fundamentals
- Discrete Mathematics
- Statistical Methods
- Computer Architecture
- Operating System Fundamentals
- Algorithms and Data Structures
- Principles of Programming Languages
- Electricity & Electronics Laboratory Course
- Programming Laboratory Courses in C & C++
- Laboratory Course in Microcomputer

II Year Paper

- Financial and Marketing Management
- Digital Electronics and Circuits
- Mathematical methods for Numerical Analysis and Optimization
- Database Management System
- Object Oriented Programming
- Networking Technologies & TCP/IP
- System Analysis and Design
- Internet and Intranet
- Electronic Communication
- Visual Basic, Visual C and Visual Foxpro Programming (Laboratory)

III Year Paper

- Computer Graphics and Image Processing
- Software Engineering
- Simulation and Modeling
- Advanced Computer Architecture

- Management Information Systems
- Network Security and Cryptology
- E-Banking and Security Transactions
- Internet Application Development
- E-Commerce
- Oracle/Autocad 2000(Laboratory)
- Web Site Development and Web Client Programming(Laboratory)
- Computer Architecture and Networking Lab(Laboratory)

Career Options:

- Assistant System Analyst
- Computer Programmer
- System and Technical Administration
- Technical Support Executive
- Hardware and Software Engineer

Eligibility :

- 10+2 Min. Percentage : Gen.: 50%. OBC/SC/ST: 45%
- 10+2 With at least one subject from Physics / Mathematics / Business Mathematics / Computer Science / Information Technology / Information Practice / Multimedia / Computer Applications as one of the option subject.