



DEGREE PROGRAM

Bachelor of Computer Applications (BCA)

 **Specialization:** Cyber Security & Forensics

 **Offered by:** RanBros Global (Affiliated with Desh Bhagat University)

DURATION

3 Years (6 Semesters) – Full-Time Undergraduate Program

PROGRAM OVERVIEW

The **BCA in Cyber Security & Forensics** is designed for students who want to specialize in one of the most essential fields in today's digital world. It combines the fundamentals of computer applications with in-depth learning of cybersecurity, ethical hacking, forensic analysis, and data protection laws.

Delivered in **high-tech computer labs**, students gain **real-world skills**, learn from **industry professionals**, and work on **live projects** to build a strong foundation for careers in cybersecurity, forensics, and IT law enforcement.

ELIGIBILITY CRITERIA

- 10+2 (Any Stream) with minimum **45% marks**
- Basic knowledge of Computers preferred
- Admission through **Online/Offline Application**
- No entrance test required (Direct Admission Based on Merit)
- 45 to 50%, Interview Required



DETAILED SYLLABUS



17 Semester 1

- Fundamentals of Computers
- Introduction to Programming (C Language)
- Mathematics for Computing
- Basics of Cyber Security
- Communication Skills



17 Semester 2

- Data Structures
- Operating Systems
- Computer Networks
- Network Security Fundamentals
- Environmental Studies



17 Semester 3

- Database Management Systems
- Ethical Hacking Techniques
- Digital Forensics Fundamentals
- Cyber Law & IT Act
- Linux Administration



17 Semester 4

- Advanced Cyber Security
- Cryptography & Network Security
- Malware Analysis and Reverse Engineering
- Python for Security
- Soft Skills Development











17 Semester 5

- Web Security
- Mobile Device Security
- Secure Software Development
- Digital Evidence Handling
- Mini Project

Semester 6

- Cloud Security
- Data Privacy and GDPR
- Incident Response & Risk Management
- Capstone Major Project
- Internship / Industrial Training







CAREER PATHWAYS

-  Cybersecurity Analyst
-  Digital Forensics Investigator
-  Security Consultant / Auditor
-  Network Security Administrator
-  Ethical Hacker / Penetration Tester
-  IT Security Trainer or Educator
-  Start Your Own Cybersecurity Firm
-  Join Government Cyber Cells / Defense Forces

REQUIRED DOCUMENTS FOR ADMISSION

- 10th and 12th Marksheet (Photocopy & Original)
- 4 Passport-size Photographs
- Aadhar Card Copy
- Migration Certificate (If applicable)
- Category Certificate (if SC/ST/OBC)

FACILITIES RANBROS GLOBAL

-  Fully Equipped Cyber Labs
-  Internet Access with Security Tools
-  Expert Faculty & Guest Lectures
-  Research Support and Innovation Hub
-  Hostel & Transport Facilities Available
-  Smart Classrooms & LMS Support
-  Industry Visits & Live Projects
-  +  Global Exposure with Sister Campus in Australia

CERTIFICATIONS & PROJECTS

(Fee May Apply)

- Certificate in Ethical Hacking
- Certificate in Digital Forensics

- Live Capstone Projects in Final Year
- Industry Recognized Internship Opportunities



Fee Structure

 Semester	 Tuition Fee	 Admission Fee	\$ Total Payable
Semester 1	₹17,000	₹1,000 (one-time)	₹18,000
Semester 2	₹17,000	₹0	₹17,000
Semester 3	₹17,000	₹0	₹17,000
Semester 4	₹17,000	₹0	₹17,000
Semester 5	₹17,000	₹0	₹17,000
Semester 6	₹17,000	₹0	₹17,000
 Total Program Fee	₹1,02,000	₹1,000 (only once)	₹1,03,000

 Exam Fee	As per university norms
---	-------------------------

Installment option available. Financial aid and scholarship support is provided on case-by-case basis.

HOW TO APPLY


 **Apply Online:** [Click here](#) OR visit website www.ranbrosglobal.com
 OR Visit our Campus for Direct Admission


CONTACT US

India Office

RanBros Global

Airport Road, NH 354 Ajnala Road
(Just past Radisson Blu Hotel, Near Amritsar International Airport)
Raja Sansi, Punjab, India – 143101

 +91 82644 08520

 +91 97796 53679

Australia Office

Suite 438, 311-315 Castlereagh St,
Sydney, NSW, Australia

 +61 449 606 497

 Email: info@ranbrosglobal.com

 Website: www.ranbrosglobal.com