BCA SUBJECTS

SEMESTER-I

Paper code	Paper Name
CBCA 101	INTRODUCTION TO ICT
CBCA 102	ICT LAB
CBCA 103	PROGRAMMING IN C
CBCA 104	C PROGRAMMING LAB
GBCA 101	FOUNDATIONS OF MATHEMATICS
GBCA 103	PRINCIPLES OF ACCOUNTING
GBBA 101	PRINCIPLES OF MANAGEMENT
AENV 100	ENVIRONMENTAL SCIENCE
ALAD100	SELF ANALYSIS, COMMUNICATION SKILLS AND GD-PI

SEMESTER-II

Paper code	Paper Name
CBCA 201	OPERATING SYSTEMS
CBCA 202	COMPUTER ORGANIZATION AND ARCHITECTURE
CBCA 203	ALGORITHMS & DATA STRUCTURES
CBCA 204	DATA STRUCTURES LAB
GBCA 201 A	WEB MINING
GBCA 201 B	WEB MINING LAB
GBCA 202 A	DATA ANALYSIS
GBCA 202 B	DATA ANALYSIS LAB
GBCA 201 C	USER INTERFACE DESIGNING
GBCA 202 C	UI DESIGNING TOOL
AENG 200 A	ENGLISH COMMUNICATION
ALAD200	PUBLIC SPEAKING, TEAM WORK & COMMUNICATION SKILLS

SEMESTER-III

Paper code	Paper Name
CBCA 301	OBJECT ORIENTED PROGRAMMING THROUGH JAVA
CBCA 302	JAVA PROGRAMMING LAB
CBCA 303	WEB APPLICATION DEVELOPMENT-I
CBCA 304	WEB APPLICATION DEVELOPMENT-I LAB
CBCA 305	DBMS-I
CBCA 306	DBMS-I LAB
GBCA 301	DISCRETE MATHEMATICS
GBBA 302 A	ENTREPRENEURSHIP
GBBA 302 B	ENTREPRENEURSHIP PRACTICAL
GBDA 301	SEARCH ENGINE OPTIMIZATION
SBCA 301	MULTIMEDIA LAB
SBCA 302	PYTHON LAB

SEMESTER-IV

Paper code	Paper Name
CBCA 401	SOFTWARE ENGINEERING
CBCA 402	DATA NETWORKS
CBCA 403	ARTIFICIAL INTELLIGENCE
CBCA 404	WEB APPLICATION DEVELOPMENT-II LAB
CBCA 405	DBMS-II
CBCA 406	DBMS-II LAB
GBCA 401A	NUMERICAL & STATISTICAL METHODS
GBCA 404A	ADVANCED JAVA
GBCA 404B	ADVANCED JAVA LAB
GBDA 401C	SOCIAL MEDIA MANAGEMENT
SBCA 401	INFORMATION SECURITY

SEMESTER-V

Paper code	Paper Name
CBCA 501	ETHICAL HACKING
CBCA 502	LINUX LAB THROUGH MOOC
CBCA 503	WEB APPLICATION DEVELOPMENT-III
CBCA 504	WEB APPLICATION DEVELOPMENT-III LAB
DBCA 501 A	FUNDAMENTALS OF TESTING
DBCA 502 A	TESTING TOOLS LAB
DBCA 501 B	MOBILE APPLICATION DEVELOPMENT
DBCA 502 B	MOBILE APPLICATION DEVELOPMENT LAB
DBCA 501 C	MACHINE LEARNING
DBCA 502 C	MACHINE LEARNING LAB
DBCA 501 D	CLOUD COMPUTING
DBCA 502 D	CLOUD COMPUTING LAB
DBCA 503	PROJECT

SEMESTER-VI

Paper code	Paper Name
CBCA601	MOOC-I
DBCA 603	INDUSTRIAL TRAINING/INTERNSHIP/PROJECT

Specializations:
Software Testing, Mobile Application Development, Machine Learning and Cloud Computing

Career Oriented and Skill Development Courses (COSD Courses): Data Analytics

CORPORATE CONNECTIONS

CELEBAL TECHNOLOGIES · Infosys · metacube programmed for excellence · 9HZ NineHertz · Biz Group INNOVATING TOGETHER · APPCINO Proudly part of Xebia · RoboMQ · CHOWIS YOUR CHOICE OF DIAGNOSIS · FRISCON SOLUTIONS · Spiders · adglobal360 AGL · NOI TECHNOLOGIES · Cyntexa · BM Infotrade Keep IT Simple · DARK BEARS · Brisk minds · STARTBIT IT SOLUTIONS DESIGNING THE FUTURE · STRIDE TELESOFT CONSULTANCY · TD Techno Derivation · TransFunnel · ZUCOL · testbook · iZOOlogic · DianApps · Clutch

ICG Block at IIIM Campus

ICG
IIS (deemed to be University)
JAIPUR
A Heritage of Vision A Legacy of Innovation
Gurukul Marg, SFS, Mansarovar, Jaipur - 302 020 INDIA

BCA

3 years programme (Co-Educational)
IIS (deemed to be University), Jaipur

KEY INITIATIVES

- Proficiency Test (Aptitude Test)
- Student Clubs
- International Conferences
- Mock Interviews by Industry Experts
- Industry Institute Interface: Expert Talks
- Personaly Development
- Soft Skills Training

INFRASTRUCTURAL FACILITIES

- Computing Labs with updated hardware/software
- Well-equipped ICT enabled Class Rooms
- Indoor & Outdoor Sports
- State-of-the art Board Room
- Library with Rich Resources
- Auditorium
- Hostel for Girl Students
- Seminar Hall
- Canteen

For more details visit us at:

☎ 0141-2781154/ 2781155
93582-10063
✉ iiim@icfia.org

🌐 **www.icfia.org**

Sector - 12, Mahaveer Marg, Mansarovar, Jaipur - 302020
Visiting Time : 9:00 AM - 4:00 PM @IIIM

HOLISTIC DEVELOPMENT ACTIVITIES

- Proficiency Test (Aptitude Test)
- Spontaneous run (Extempore Competition)
- Round table debate (Group Discussion)
- IT Grill (IT Quiz)
- PPT demonstration (Presentation)
- Creative Billboard (Poster Competition)
- Formal discourse (Debate Competition)
- Classroom evaluation (Class Test)
- Transparent Evaluation (Open Book Test)
- Instructional Trip (Field Visit)
- Circle of voices task (Small Group Project)
- Convention (Group Discussion)
- Act out (Role Play)
- Narrative display (Story Telling)
- Pen up the learning (Written Home Assignment)
- The Honest Reader (Book Review)
- Art of reading News paper (News Paper reading)
- The practical Bibliotheca (Explore Library)
- Mac Proficiency (Computer Competency)
- Resume: The first Impression (Resume Building)
- Preparation Run (Mock Interviews)
- Srijan (Cultural Activities)
- Golden Goal (Sports Activities)
- Take the street (Street play)
- Idea Line Up (Business plan)
- Compeer Assess (Peer Review)
- Just a Minute (1 Minute Games)
- Ice Breakers (Classroom Interactions)
- TopCoder(Coding Competition)

Program Obejctives:

Foundational Knowledge and Scientific Principles: Graduates will be able to demonstrate proficiency in foundational Computer Science principles and comprehensive knowledge of theoretical and practical concepts of the subject.

Critical Thinking and Problem-Solving: Graduates will be able to analyse, design and propose integrated solutions for business scenarios and contemporary issues using emerging technologies.

Leadership and Project Management Skills: Graduates will develop leadership qualities including decision-making, conflict resolution, and teamwork skills by applying management and technical expertise to cater the needs at different levels in a software project.

BCA Highlights

Welcome to the highlights of BCA! Bringing you the latest updates on the exciting activities happening within our esteemed Bachelor of Computer Application program. Here, we highlight a wide range of events, competitions, and initiatives that have taken place in recent months. Read on to learn more about the engaging experiences our BCA students have been involved in!

Industry Interface

BCA students had the chance to engage with industry experts through guest lectures, panel discussions, and workshops. Among the various sessions some prominent ones were Understanding of basics of Cloud Computing, Data Science applications in various domains, etc. These interactions provided valuable insights into the latest trends, challenges, and opportunities in IT sector.

Corporate Quiz/ Incredible India Quiz/ General Awareness Quiz

Various quizzes were organized for our BCA students, allowing them to showcase their Technical skills and quick thinking skills. In the Incredible India Quiz, they exhibited their knowledge of India's history, landmarks, traditions, and famous personalities. Moreover, their enthusiasm was evident in their participation in the General Awareness Quiz, where they tackled questions spanning a wide range of topics, including politics, economy, technology, and global events. It was an engaging and enlightening experience for all the BCA students involved.

Group Discussion

Developing effective communication and critical thinking skills, BCA students actively participated in group discussions. These sessions provided a platform for them to exchange ideas, debate various topics, and enhance their teamwork abilities.

Presentations

BCA students delivered compelling presentations on a variety of topics, harnessing the opportunity to refine their public speaking skills, nurture creativity, and demonstrate their analytical prowess. Some of the captivating topics covered included "Applications of Data Analytics" "Virtual Reality", "Blue Eyes Technologies".

Industrial Visit

To gain practical insights into the IT and Business world, our BCA students embarked on an enriching industrial visit. Some of the organizations they visited included Bhamasha Techno Hub, NGO "Elephant Paper," Tapri Café, and DEVYAS.

Movie Review

Exploring the connection between business and entertainment, students were provided with the opportunity to analyze and review relevant movies from a business perspective. Two films that sparked insightful discussions were "Rocketry" and "The Founder" The students were then tasked with preparing a report, delving into the concepts, leadership styles, and ethical dilemmas depicted in these movies, allowing them to apply their learnings to real-world scenarios.

Poster Presentation

Creativity and visual communication skills were on display during the Poster Presentation event. Students created visually appealing posters, presenting information on a social issue. Topic for competition was "Save Water".

Nukkad Natak

Promoting social awareness, BCA students organized a Nukkad Natak (street play). Through powerful performances, they addressed pertinent social issues, spreading messages of change and inspiring the audience to take action. They also participated in the ICG intercollegiate fest. This provided them with a valuable opportunity to showcase their talents and compete with their peers.

Mosaic Montage

BCA students exhibited their creativity in designing the activities for the annual Management and IT festival Montage & Mosaic.The students not only excelled in coordinating events like Brain Bench, Bits & Bites, D4U: Dance for You, Strings Unplugged but also exhibited their remarkable leadership qualities. They effectively managed various responsibilities, ensuring the smooth execution of the festival. Additionally, the students also actively participated as comperes, showcasing their confident stage presence and excellent communication skills.

Zumba

In an effort to foster physical fitness and overall well-being, students at our institution have embraced the joy of Zumba. Every Friday, from 8:40 to 9:20, students came together for invigorating Zumba sessions, providing a refreshing break from their academic pursuits and promoting a healthy and active lifestyle.

Cultural Activities

We organize regular cultural activities that aim to rejuvenate our students and foster a sense of belonging and appreciation for various art forms and traditions. Some of the engaging events are Antakshari, Ramp Walk, Dandiya Celebration, Kite Festival, Musical Night, DJ Night etc.

Sports Activity (Recharge)

'Recharge' the sports meet was held in the campus. Games such as volleyball, dodgeball, carom and chess were played during the event. All the students got an opportunity to participate in the sports meet and the event witnessed the enthusiasm of the students.

Under the Recharge Activity, another sports meet was conducted on which games like basketball, standing long jump, Kho-Kho, and tug of war were played.

Personal Interviews

Preparing for future professional opportunities, students underwent mock personal interviews. This exercise helped them refine their interviewing skills, gain confidence, and receive constructive feedback from industry professionals. One key component of the mock interviews was the SWOT analysis. Students were encouraged to assess their personal strengths, weaknesses, opportunities, and threats in relation to the job market and their chosen career paths. Faculty mentors evaluated their performance and provided valuable feedback and guidance to the students.

NSS CLUB activities

BCA students actively participated in activities organized by the NSS (National Service Scheme) Club. They volunteered for social initiatives, such as cleanliness drives, awareness campaigns, Food distribution and community development projects, making a positive impact in society.

Jugaad to Jhakas

An intra-institute competition under E-Igniters, the Entrepreneurship cell, E-Igniters incubation center and the institution innovation council of IIIM was organized. 'Best out of waste' was the theme of the competition. The students of BCA program prepared useful items from waste and this competition witnessed enthralling participation from students.

These key highlights showcased the well-rounded education provided in the BCA program, combining academic rigor with practical experiences, creativity, cultural appreciation, and social engagement.

ADMISSION

Eligibility (Qualification):
Pass in 10+2 (any stream) or equivalent from a recognized Board, with minimum 50% aggregate marks or equivalent. **5% relaxation for SC, ST, OBC candidates**

Admission Process:
No Entrance Test. Filling of registration form Online (from the website) / Offline (visiting the IIIM campus) on payment of Rs 1500.

Admission Documents
Class X Original Marksheet, Class - XII Original Marksheet, Transfer Certificate, Migration Certificate, Character Certificate, Adhaar Card, 4 Color Picture (Latest), Father / Mother (Govt. ID), Colored Photo of Either Parent, 2 Cheques

CAREER PROSPECTS

- Web Development Executive
- Software Developer
- Digital Marketer
- Technical Analyst
- Business Analyst
- Data Scientist
- Full Stack Developer
- Bank Operations Executive
- Ethical Hacker
- Cyber Security Expert
- Database Administrator
- System Analyst
- Network Engineer
- Entrepreneur
- Freelancer
- Informatics Assistant