



ESTD:1817

CMS COLLEGE KOTTAYAM

(AUTONOMOUS)



BACHELOR IN COMPUTER APPLICATIONS (Honours)

Specialization : Data Science , Artificial Intelligence and Machine Learning

WHY CHOOSE BCA FROM CMS COLLEGE

Specialized and
Independent Programme

Seamless Integration
of Research and Mentorship

Adaptable Learning, Inclusive Curriculum, Real-World Industry Experience



YOUR GATEWAY TO A
Digital Future

Distinctive Features of the BCA (Honours)

FOCUSED & STAND-ALONE PROGRAM

The BCA (Honours) is a dedicated program as envisaged by AICTE, offering a specialized, focused curriculum ensuring academic consistency and depth.

FLEXIBLE ACADEMIC PATHWAYS

Students can opt for a 3-year exit with a BCA degree after 133 credits or pursue a comprehensive 4-year Honours degree (with or without research) by completing 177 credits, providing flexibility to match career goals

INTEGRATED RESEARCH & MENTORSHIP OPPORTUNITIES

High-achieving students (minimum 75% in initial semesters) can join the Honours with Research stream, benefiting from dedicated mentorship, advanced coursework, and capstone or research project that develops critical analytical skills.

DIVERSE & COMPREHENSIVE CURRICULUM

The program's courses are organized into 6 major baskets (Core, Ability Enhancement, Skill Enhancement, Value Added, Multi-Disciplinary Electives, and Discipline-Specific Electives), offering both technical proficiency and soft skill development, along with options for dual specialization.

REAL-WORLD INDUSTRY EXPOSURE

Mandatory summer internships, industrial visits, workshops, and expert lectures ensure that students gain hands-on experience and practical insights, effectively bridging the gap between classroom learning and industry demands.

Diverse Career Pathways

Careers Cyber Security

Data Science & AI/ML

Digital Marketer

Government & Public Sector Jobs

Cloud Computing & DevOps

Database & System Administration

Business & Management Roles

Networking Careers

Higher Studies

Render Wrangler

Web Developer

IT and Software Development Careers

Motion graphics designer

Graphics Designer

Course Structure

of the BCA (Honours) Programme

The BCA (Honours) Consists of the following categories of courses and the minimum credit requirements shall be as follows

Description	Core Course	Ability Enhancement Courses	AEC-OL	Multi-Disciplinary Elective course	Value Added Courses	Skill Enhancement Courses	Discipline Specific Elective	Total
BCA	52	6	6	6	4	31	31	133
BCA (Honours)	61	6	6	6	4	43	51	177
BCA (Honours with Research)	68	6	6	3	4	51	39	177

How to apply

Visit the official CMS College website and navigate to the admissions section.

www.cmscollege.ac.in



moments



I am writing to express my sincere appreciation for the exceptional education I received in the Department of Computer Science at CMS College Kottayam. The faculty's expertise and guidance have been instrumental in shaping my academic and professional growth. I am confident that the knowledge and skills I acquired during my time at CMS College Kottayam will serve me well in my future endeavors.

JINUMOL JAMES
Placed at TCS



The sprawling campus of CMS College Kottayam is truly breathtaking. From the lush green gardens to the state-of-the-art infrastructure, every aspect of the campus exudes a sense of excellence. The vibrant atmosphere, coupled with the friendly and approachable faculty, made my time at CMS College Kottayam an unforgettable experience.

ALAN BINU MATHEW
Place at TCS



The Department of Computer Science at CMS College Kottayam ignited a spark within me, empowering me to pursue my dreams and make a meaningful impact in the world of technology. The faculty's passion and dedication inspired me to push beyond my limits and strive for excellence. I am forever grateful for the transformative experience I had at CMS College Kottayam and would highly recommend it to anyone seeking a career in computer science.

JOBIN TOMMY
Placed at Infosys

Department Highlights

Research-Driven Faculty Excellence
Well-equipped labs
Expert-Led Training & Seminars
Comprehensive Career Guidance
Extensive Learning Resources
Industry Exposure & Collaboration
Strong Placement & Career Development
Robust Alumni Network

Extra-curricular and co-curricular Activities

Diverse club activities
National Cadet Corps (NCC)
National Service Scheme (NSS)



Our Top Recruiters



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