AMITY UNIVERSITY ONLINE

Paytm

ONLINE
UG PROGRAM

BACHELOR OF COMPUTER APPLICATION

WITH A SPECIALIZATION IN **FINTECH & AI**

USA, UK & CANADA ACCREDITATIONS

UGC ENTITLED
ज्ञान विज्ञान विमुक्तये

WASC
Senior College and University Commission

QAA Global
Accredited by
The Quality Assurance Agency
Valid 07/2018 – 07/2023

WES
WORLD EDUCATION SERVICES

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A LEADING GLOBAL **EDUCATION GROUP**

Amity Education Group is one of the largest education groups, established over thirty years ago, offering globally benchmarked education right from pre-school to Ph.D. level with over 400 UG and PG programs across various disciplines in education.

14
University Campuses

12
Global Campuses

6,000+
Faculty

300,000+
Students Served

NATIONAL CAMPUSES

- NOIDA
- GURUGRAM
- GREATER NOIDA
- JAIPUR
- LUCKNOW
- MUMBAI
- BENGALURU
- HYDERABAD
- MOHALI
- GWALIOR
- RAIPUR
- KOLKATA
- RANCHI
- PATNA

INTERNATIONAL CAMPUSES

- LONDON
- DUBAI
- SINGAPORE
- SAN FRANCISCO
- ABU DHABI
- CHINA
- MAURITIUS
- SHARJAH
- SOUTH AFRICA
- AMSTERDAM
- TASHKENT
- NEW YORK

MESSAGE FROM
FOUNDER PRESIDENT

Dr. Ashok K. Chauhan

Hon'ble Founder President,
Ritnand Balved Education Foundation (The Foundation of Amity Institutions and the sponsoring body of Amity Universities)
Chairman, AKC Group of Companies

Amity is not just a group of institutions which imparts world-class education, but an experience where everyone associated is part of a dream, a mission to see that we nurture truly great leaders.

Today, we are proud that Amity is synonymous with practical, industry focused education, and attracts the best students. The fact that our alumni are working in the best companies across the world is a testament to our extremely talented faculty who inculcate, by example, in each student the spirit of dedication, sincerity and loyalty, and to all the corporates who support our mission with so much enthusiasm.

Each one of our students will be a success story. This is my dream; this is my commitment.

MESSAGE FROM
CHANCELLOR

Dr. Atul Chauhan

Hon'ble Chancellor,
Amity University Noida

Amity Group of Institutions apart from imparting world-class education, also strives to inculcate good values, and ethics to build and groom the global leaders of tomorrow. We are creating centres of thought leadership across the world, where faculty, scientists, and brilliant students can explore and expand the frontiers of knowledge.

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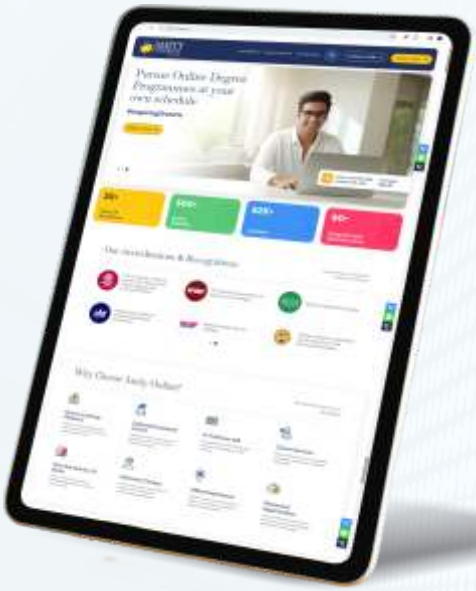
ABOUT AMITY UNIVERSITY ONLINE

Amity University Online stands as a pioneering institution in the realm of digital education, breaking down barriers and providing access to millions worldwide.

Through our platform, we are democratising education, ensuring that regardless of geographical location or socio-economic background, individuals have the opportunity to pursue knowledge and skills vital for their personal and professional growth.

Our commitment to inclusivity and innovation drives us forward, as we continue to expand access to high quality education in the digital age.



Amity University Online, *today, offers the* **largest number of approved online degrees** *to the* **largest number of online students** *across India, reflecting Amity's commitment towards empowering our youth through world-class education, who in turn will ensure a* **Viksit Bharat.**

30+
Years of Excellence

1.60 Lac+
Learners

60+
Programs and Specializations

INDIA'S FIRST UNIVERSITY TO GET **APPROVAL TO OFFER ONLINE DEGREES**

Post the University Grants Commission (Online Courses or Programs) Regulations, 2018

60+ PROGRAMS AND SPECIALIZATIONS: Bachelors • Masters

MESSAGE FROM

CHAIRMAN

Mr. Ajit Chauhan

Hon'ble Chairman,
Amity University Online

In today's fast-paced and interconnected world, the pursuit of knowledge has never been more accessible. Amity is committed to providing you with a world-class education that transcends geographical boundaries. Whether you are a working professional seeking to advance your career, a dedicated lifelong learner, or someone taking your first steps into higher education, our digital platform is designed to accommodate your needs and aspirations.

As the landscape of education evolves, so do we. Our esteemed faculty, staff, and state-of-the-art technology are here to support your educational journey. From interactive online programs and courses to digital libraries and academic forums, you'll have access to a wealth of resources that will enhance your learning experience.

At Amity, we're not just preparing you for a career; we're empowering you to make a positive impact on this world. So, whether you're ready to take the next step in your career or explore new horizons, we invite you to join us at Amity University Online and embark on a journey of discovery and growth.

MESSAGE FROM
VICE CHANCELLOR

Prof. Dr. Balvinder Shukla
Amity University, Noida

Amity University Online epitomizes an unwavering pursuit of excellence, cutting-edge innovation, and transformative learning. Rooted in knowledge, research, and comprehensive education, your learning journey at Amity Online is tailored to transcend knowledge barriers and shape your destiny.

At Amity Online, we embrace a legacy of brilliance that empowers you with industry-centric skills, knowledge and expertise to achieve success confidently through lifelong learning and values.

MESSAGE FROM
DIRECTOR

Prof. Abhinash Kumar
Amity University Online

Amity University Online provides 'Anytime, Anywhere' educational experience, intensive corporate interaction, industry-oriented teaching delivered by eminent corporate experts and world-class faculty.

Designed to suit both graduate students and working professionals, our programs adhere to UGC's stringent criteria and we are at par with the campus programs.

MESSAGE FROM
DIRECTOR-ACADEMICS

Ms. Monica Agarwal
Amity University Online

Amity University Online is dedicated to redefining education through innovation and excellence. Our meticulously crafted programs cater to the dynamic needs of learners, equipping them with industry-relevant skills and an unwavering commitment to growth.

Our aim is to inspire curiosity, ignite potential, and deliver a learning experience that goes beyond the ordinary. Therefore we focus on academic excellence, innovation and holistic development which creates a pathway for success, achievement, and lifelong impact.

ABOUT **PAYTM**

Paytm is India's leading digital payments and financial services platform, trusted by millions of consumers and merchants for fast, secure, and convenient transactions. Founded in 2010 and owned by One97 Communications Limited, Paytm has been a pioneer in India's digital revolution, empowering people to pay, save, invest, and shop with ease.

From launching mobile recharges to becoming the go-to platform for UPI payments, wallets, bill payments, ticketing, investments, and merchant solutions, Paytm has continually introduced innovations designed around everyday needs. Guided by its vision to bring half a billion Indians into the mainstream economy, Paytm blends cutting-edge technology with deep consumer insight to create inclusive, reliable financial experiences.

Headquartered in Noida and present across India, Paytm is enabling individuals and businesses alike, driving convenience, financial empowerment, and a truly digital Bharat.

MESSAGE FROM

COO

Mr. Abhay Sharma

COO - Paytm

We are proud to announce a strategic collaboration between Paytm and Amity Online, aimed at delivering cutting-edge, industry-relevant programs in Fintech, Artificial Intelligence, Cybersecurity, and more.

This partnership marks a significant milestone in our commitment to empower BCA and MCA students with practical, future-ready skills essential for thriving in today's fast-evolving digital economy.

The program has been meticulously designed by Paytm experts, drawing on years of industry experience and domain expertise. It provides real-life case studies, actionable examples, hands-on capstone projects, and comprehensive insights into how disruptive technologies are reshaping the financial services ecosystem.

At Paytm, we believe education should go beyond theory and be rooted in real-world application. Through this collaboration, we offer flexible, self-paced learning options that allow students to progress at their own pace while balancing academic, personal, and professional goals. Our digital platform ensures seamless access to content anytime, anywhere, making professional development both convenient and inclusive.

We remain committed to continuously enhancing the curriculum to reflect the latest technological advancements and industry trends, enabling students to stay ahead of the curve.

It is our hope that this program will inspire and prepare you to become leaders driving the future of Fintech and AI Innovation.

ABOUT PROGRAM

BACHELOR OF COMPUTER APPLICATION

WITH A SPECIALIZATION IN **FINTECH & AI**

LEARNING EFFORTS: 12/15 HRS A WEEK

DURATION: 3 YEARS | **CREDITS:** 134

ADVANCE YOUR CAREER IN THE DIGITAL ECONOMY WITH **BCA IN FINTECH & AI**

Amity University Online's BCA with specialization in Fintech & Artificial Intelligence, in collaboration with Paytm, is a 3-year future-ready undergraduate program designed for the digital-first economy. The program seamlessly integrates computer applications with the dynamic world of digital finance, giving students hands-on exposure to digital payments, AI/ML, blockchain, RegTech, and cybersecurity. Learners work on real-world datasets, build applications, and develop innovative Fintech solutions through a project-first approach with capstone projects every semester.

What sets this program apart is its strong focus on India's financial ecosystem, such as UPI, Aadhaar-enabled banking, tokenization, and APIs, while also covering global Fintech trends and compliance frameworks. With industry mentorship from Paytm, students graduate with a portfolio of working prototypes, practical skills, and entrepreneurial confidence, ready to take on high-demand careers in India's booming Fintech sector and beyond.

Key Highlights

- **Flexible Learning Approach:** Access self-paced modules, live classes, and masterclasses.
- **Capstone-Driven Learning:** Complete 10+ projects simulating real-world Fintech applications.
- **Career-Focused Training:** Build APIs, chatbots, fraud models, and compliance tools.
- **Guidance from Experts:** Join CXO webinars, hackathons, and industry-led evaluations.
- **Beginner-Friendly Pathway:** Learn step-by-step; no prior experience coding required.
- **Career Portfolio Development:** Showcase projects, prototypes, and GitHub-ready code.

PROGRAM **CURRICULUM**

SEMESTER 1

- Basic Mathematics I
- Business Communication
- Computer and Information Technology
- Human Computer Interaction
- Programming in C

SEMESTER 2

- Data Structure using C
- Environmental Studies
- Individual Excellence and Social Dynamic
- Operating System Concepts
- Software Engineering and Modeling

SEMESTER 3

- Computational Statistics
- Green computing
- Introduction to Data Base Management Systems
- Network Basics
- Object Oriented Programming Using Java

SEMESTER 4

- Python Programming
- Unix Operating System and Shell Programming
- Foundations of FinTech, Data Analytics & Financial Markets
- Programming for FinTech (Python, R, and Java) + Data Analytics
- Foundations of AI and Blockchain Development

SEMESTER 5

- Fundamentals of E-commerce
- Introduction to Artificial Intelligence
- Professional Ethics
- AI Cybersecurity and API Innovation in FinTech
- Cloud Computing Big Data and InsurTech in FinTech

SEMESTER 6

- Major Project
- RegTech Compliance and FinTech Application Development
- FinTech Trends, Compliance & Product Conceptualization
- FinTech Product Development & Prototype Presentation

ELIGIBILITY

- 10th Class Certificate (Completing 10 years of formal schooling)
- 12th Class Certificate (Completing 12 years of formal schooling)

OUR ACCREDITATIONS **& RECOGNITIONS**

Endorsements of Academic Quality & Excellence

ONLINE MBA RANKINGS 2024

INDIA'S ONLY ONLINE MBA RANKED

Asia Pacific Top 10

First university in India to receive UGC approval for Online Degrees and Learning Platform

The Western Association of Schools and Colleges

Ranked 35 by National Institutional Ranking Framework

Accredited by the UK's Quality Assurance Agency, assuring students of globally benchmarked academic quality.

First Indian University to be accredited by National Council for Higher Education, Africa

WES accredited in Canada

India's first private university to be a member

Degree programs approved by All India Council of Technical Education

Ranked among Top 3% Globally

AMITY UNIVERSITY **ONLINE ADVANTAGES**

Top-Notch Online Learner Experience

Top International Faculty

Lectures delivered by top international faculty offer captivating insights with a global perspective

AI-ProfessorAMI

AI-PROF. - AMI, powered by Chat-GPT 4 & Open AI Tech for 24/7 Doubt Clearing & Support

Diverse learning mediums

Diverse Learning options through recorded lectures, audio books, physical books, e-books & more

Industry-Aligned Curriculum

Program curriculum aligned with industry demand for better employability

Interactive faculty sessions

Engage in a dynamic learning environment with our continuous faculty interaction and dedicated doubt-clearing sessions

Career services & placement assistance

Career services & placement assistance with hiring partners ensuring opportunities for professional growth

Remote proctored exams

Take exams with ease, integrity and convenience from the comfort of your own space

Dedicated Academic Advisor

Expert guidance by professionals who support you in your academic journey

1:1 industry mentorship

Elevate your skills and career prospects with tailored insights, cultivating a pathway to professional success

CAREER **SERVICES**

PREPARING YOU TO
BECOME JOB-READY

Amity University Online is committed to enhancing your employability by helping you become industry-ready. From skills assessments and resume-building workshops to mock interviews and placement drives, we provide a range of services to help you succeed. Our goal is to ensure that you are matched with the perfect job that aligns with your aspirations. AI-driven Career Services further accelerate your job-readiness with smart resume tools, realtime mock interviews, and curated job matches tailored to your profile.

ON CAMPUS **EXPERIENCE**

EXTENSIVE INTERACTION WITH **FACULTY AND PEERS**

- Campus orientation for new learners in all the Amity University campuses
- Last-minute revision classes at select Amity University campuses
- Guest lecture series on the campuses
- Access to library and programming labs on the campus
- Exam preparation classes
- Access to campus events

ALUMNI **WORKING AT**

CORPORATE **SPEAK**

"I am delighted to share my positive experience with Amity Online regarding the smooth and efficient conduct of our recent recruitment drive. As a part of CredFlow, I must commend the team at Amity Online for their professionalism, dedication, and innovative approach that made the entire process seamless and effective."

LAKSHAY BHOLA
Talent Acquisition Specialist, Bizcon Fintech Labs Pvt. Ltd

"It was a great experience interacting with Amity Online students today. The quality of the students was impressive, and their skill set was at par with our expectations. What impressed us most was their ability to manage multiple responsibilities simultaneously. They are ambitious and will only push the bar higher in the coming times."

ABHINAV SINGH
Director, VMS India Mart

"The hiring experience was nice as we got splendid support from the faculty to provide us with the talent pool. The career services team was of great assistance in providing us with all the requested details of the candidates and that too in the form that we wanted, which is very much appreciated as it made the process easy for us."

SAKSHAM BHARDWAJ
Senior Executive HR Operations, Republic World

FAQs

1. What is the duration and structure of the BCA with specialization in Fintech & AI program?

The program runs for 3 years and combines 615 hours of blended learning across 7 modules. It includes self-paced content, live online lectures, hands-on labs, sandbox simulations, and two industry-aligned capstone projects.

2. What makes this program different from a regular BCA?

Unlike a traditional BCA, this program blends core computer applications with FinTech domains such as digital payments, AI/ML, blockchain, APIs, cybersecurity, and RegTech, supported by real-world tools and industry case studies.

3. Is prior coding experience required?

No prior coding experience is necessary. The course begins with the basics of Python, R, and SQL, gradually building skills so even beginners can confidently apply programming in financial contexts.

4. What kind of projects will I work on?

Students work on 10+ real-world projects, including simulating UPI and wallet payments, building fraud detection models, designing smart contracts, creating RegTech dashboards, and developing open banking APIs.

5. Which tools and platforms will I learn?

You will gain hands-on experience with Python, R, SQL, Solidity, Power BI, Tableau, MetaMask, Jenkins, Flask, Postman, and platforms like AWS, Azure, GCP, Razorpay sandbox, GitHub, and Remix IDE, along with exposure to key regulatory systems like DPDP 2023, GDPR, FATCA, and AML.

6. What is the admission process of Amity Online?

The admission process for Amity Online involves selecting your preferred course, submitting the online application form along with necessary documents, and, upon acceptance, finalizing enrollment by fulfilling the fee payment requirements. It's a streamlined pathway to access quality online education through Amity Online's diverse range of programs.

7. What academic support services are available to online students?

Amity University Online offers a range of academic support services to help students succeed, including academic advising and technical support.

8. How does online learning with Amity University Online work?

Our online learning platform provides students with access to course materials, lectures, assignments, and discussions through an intuitive and user-friendly interface. Students can engage with their studies at their own pace and convenience, accessing resources from anywhere with an internet connection.

OTHER ONLINE PROGRAMS OFFERED

MBA

BBA

BA

MCA

B.COM

BAJMC

M.COM

MAJMC

AMITY UNIVERSITY ONLINE

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