



AMITY
UNIVERSITY
ONLINE



BACHELOR OF COMPUTER APPLICATIONS

USA, UK & CANADA ACCREDITATIONS



ज्ञान विज्ञान विमुक्तये



Valid 07/2018 - 07/2023





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MESSAGE FROM **CHAIRMAN**



Mr. Ajit Chauhan
Hon'ble Chairman,
Amity University Online,

I am delighted to extend a warm welcome to all of you who have chosen to embark on your educational journey at 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.

The modern landscape of higher education is evolving, and so are we. Our dedicated faculty members, staff, and state-of-the-art technology are here to support your educational journey. You'll find a wealth of resources at your disposal, from interactive online courses to digital libraries, forums for academic discourse, and innovative tools to facilitate your learning experience. As you embark on your studies, I encourage you to engage with your peers and faculty, ask questions, seek out challenges, and embrace the opportunities that this digital age offers.

Remember, your education is an investment in your future. Each lesson learned, each assignment completed, and each milestone achieved brings you closer to your goals. It is my hope that your time at Amity will not only equip you with knowledge and skills but also empower you to be a positive force in the world, contributing to the betterment of society.

I encourage you to seize this opportunity and make the most of your time here. Stay curious, stay engaged, and never stop striving for excellence. I wish you a successful and rewarding educational experience and look forward to celebrating your achievements in the years to come.

MESSAGE FROM

VICE CHANCELLOR



Prof. Dr. Balvinder Shukla

Vice Chancellor, Amity University Online

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
Director, 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.



ABOUT AMITY UNIVERSITY

ONLINE

Bringing together pedagogy, content and technology, Amity University Online is home to a range of University Grants Commission (UGC) entitled programs meant for anytime, anywhere learning. Amity University Online serves the educational aspirations of students across the globe with Master's, Bachelor's, Post Graduate Certificates and Certificate programs through its well-researched curriculum, renowned faculty, cutting-edge technology and close industry-academic partnerships.

Amity University Online is devoted to creating a transformative learning environment. In today's environment, when content is mobile and available anytime, anywhere, learning is truly a click away.



A LEADING GLOBAL EDUCATION GROUP

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



175,000

Students



225,000

Online Students



6,000+

Faculty



120,000

Alumni Worldwide



1,200

Acres of Campuses

UNIVERSITIES IN

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

INTERNATIONAL CAMPUSES IN

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

ABOUT PROGRAM

BACHELOR OF COMPUTER APPLICATIONS

LEARNING EFFORTS: 12/15 HRS A WEEK

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

Bachelor of Computer Applications is a three-year (6-semester) program for undergraduates interested in pursuing a career in information technology. The degree is awarded for completing the program in the study fields of software testing, web design, software development and programming, computer networking, and computer systems. It provides a substantial understanding of concepts in the key areas of computer science.

The program includes all important concepts and practices, in the areas of data structures, C++ and DBMS, computer networks, database management systems, operating systems, computer graphics and visual basics, data warehousing and mining, Java programming, multimedia, and web technologies. The subjects provide good knowledge in critical areas of computer science and networking. The information technology sector has a substantial economic impact and hence provides ample job opportunities.

SPECIALISATIONS

- BCA with Specialisation in Cloud & Security (In collaboration with TCS iON)
- MCA with Specialisation in Data Analytics (In collaboration with TCS iON)



PROGRAM

CURRICULUM

SEMESTER 1

- Basic Mathematics- I
- Programming in C
- Human Computer Interaction
- Computer & Information Technology

SEMESTER 2

- Data Structures Using C
 - Environmental Studies
 - Software Engineering & Modeling (UG)Syllabus
 - Operating System Concepts
 - Individual Excellence and Social Dynamic
-

SEMESTER 3

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

SEMESTER 4

- Unix Operating System and Shell Programming
 - Python Programming
 - Cyber and Information Security
 - IT Project Management
 - Fundamental of Cloud Computing & Enterprise
 - Fundamentals of Digital Marketing
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SEMESTER 5

- Introduction to Artificial Intelligence
- Internet of Things(UG) Syllabus
- Introduction to Enterprise Resource Planning
- Data Warehousing & Mining
- Fundamentals of Ecommerce
- Professional Ethics

SEMESTER 6

- Introduction to e-Governance
- Block chain Technologies
- Introduction to Data Science
- Human Resource Management
- Major Project [Non-Teaching Credit Courses]

PROGRAM

FACULTY



Prof. (Dr.) Ronald C Darnell

Ph.D, Organization Management - IT Management,
Capella University, USA,
Professor and program Coordinator -
Amberton University,
Visiting Professor- Devry, University,
Professor - Parker University,
Principal Consultant & Agile Coach- Vizient, Inc.



Asst. Prof. Anjali Munde

Ph.D Mathematics
Amity Univesity Noida



Prof. Deepak Kumar

Ph.D Software Reliability
University of Delhi



Prof. Sapna Sinha

Ph.D Computer Science



Asst. Prof. Anil Kumar Sajnani

M.Tech Computer Science
Birla Institute of Technology

ELIGIBILITY

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

ACCREDITED. RESPECTED. TRUSTED.



ज्ञान विज्ञान विमुक्तये

Programmes Recognised
by Distance Education
Bureau (DEB) UGC



Amity's Online MBA has been
ranked by **QS as #37 Worldwide**
In 2021 ranking.



Asia's only not-for-profit
university to get
US regional accreditation



Accredited by
National Assessment And
Accreditation Council (NAAC)
Grade 'A+'



Amity's Online MBA & BBA are
the 1st and only EOCCS certified
programmes in India



Accredited Member of Accreditation
Council for Business School and
Programme (ACBSP), USA



Association of
Indian Universities



WORLD EDUCATION SERVICES

Recognised by
World Education Services

TESTIMONIAL



"Altogether, it has been a hassle-free experience, taking exams from my choice of place and the team's support throughout the entire course. I'm grateful to have completed a degree from one of the best Universities globally."

Rohit Shaw

Centre Manager, Jetking

AMITY UNIVERSITY ONLINE

ADVANTAGES



Live & interactive
lectures by expert
faculty



Web Proctored Mode
for the freedom to take
exams anywhere



World-class curriculum
designed by eminent faculty
& industry professionals



Learn from the
leading global
faculty



Regular webinars
by industry
leaders



Placement
drive & career
assistance



International
collaborations with
Ivy League universities



Easy-to-use LMS
accessible anytime,
anywhere



Strong alumni
network



Exemplary employer
rating of various
programs

ALUMNI

WORKING AT





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