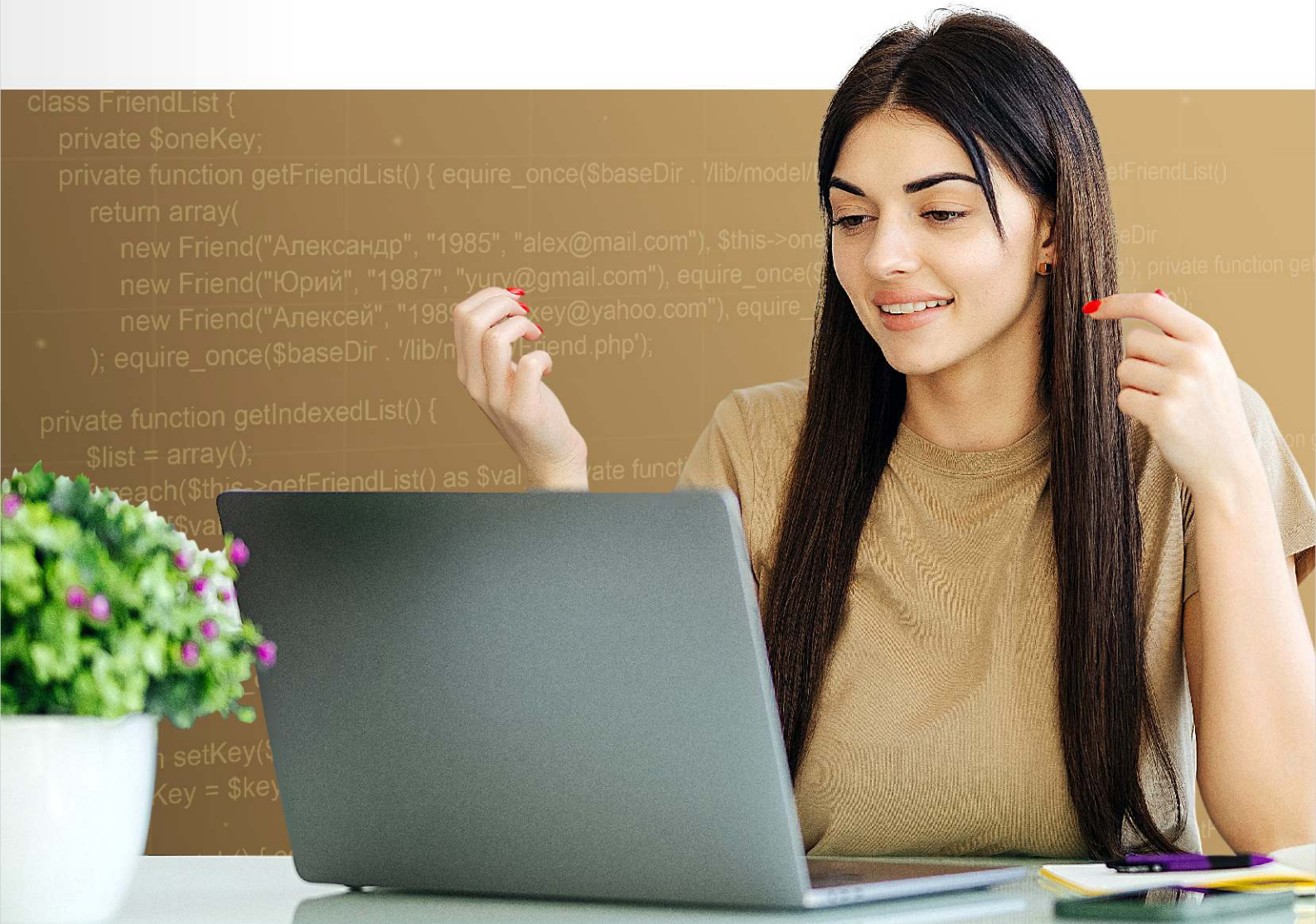




AMITY
UNIVERSITY
ONLINE



MASTER OF COMPUTER APPLICATIONS

USA, UK & CANADA ACCREDITATIONS



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MESSAGE FROM **DIRECTOR**



Prof. Abhinash Kumar
Director, Amity University Online

Amity University Online provides 'Anytime, Anywhere' education 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

MCA

ABOUT PROGRAM

MASTER OF COMPUTER APPLICATIONS

LEARNING EFFORTS: 12/15 HRS A WEEK

DURATION: 2 YEARS | **CREDITS:** 103

Amity University Online Master of Computer Applications (MCA) is a 2-year degree Program that aims to equip graduates with the advanced tools, technologies and applications in the IT industry to meet the constantly growing requirement of IT professionals.

The industry-oriented Program helps learners to develop a thorough understanding of various tools and programming languages in the development of better and faster applications.

SPECIALISATIONS

- MCA with Specialisation in Blockchain (In collaboration with eCornell)
- MCA with Specialisation in ML & AI (In collaboration with eCornell)
- MCA with Specialisation in Machine Learning (In collaboration with TCS iON)
- MCA with Specialisation in AR & VR (In collaboration with TCS iON)



PROGRAM

CURRICULUM

SEMESTER 1

SUBJECT NAME

- Advanced Database Management Systems
- Advanced Software Engineering Principles
- Professional Communication
- Core Java
- Graph Theory and Combinatorics

COURSE TYPE

- Core Courses
- Core Courses
- VAC
- Core Courses
- Core Courses

SEMESTER 2

- Research Methodology
- Data Structures and Algorithm Design
- Network Security and Cryptography
- Introduction to Data Analytics
- Image Processing Techniques
- Artificial Intelligence and Robotics
- Routing & Switching Essentials
- Statistics Using R
- Cognitive Analytics & Social skills for professional

- Core Courses
- Core Courses
- Core Courses
- Specialisation Elective Courses
- Specialisation Elective Courses
- Specialisation Elective Courses
- Specialisation Elective Courses
- Specialisation Elective Courses
- VAC

SEMESTER 3

- Cloud Infrastructure and Services
- UNIX / Linux Programming
- Advanced Web Technologies
- Internet of Everything
- Machine Learning using Python
- Software Testing and Reliability Duplicate
- Professional ethics
- Seminar(Evaluation)
- Quantitative Aptitude

- Core Courses
- Core Courses
- Specialisation Elective Courses
- Specialisation Elective Courses
- Specialisation Elective Courses
- Specialisation Elective Courses
- VAC
- NTCC
- Employability & Skill Enhancement

SEMESTER 4

- Major Project

- NTCC

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.



Ms. Alka Choudhary
Ph.D Computer Science
and Engineering



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)
- Graduation Degree (BCA is preferable)*

* Students without Mathematics at 10+2 or graduation, can also apply after qualifying the Bridge course.

ACCREDITED. RESPECTED. TRUSTED.



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

"I joined Amity University in the year 2010 to pursue the BCA Program. Based on my great learning experience, I decided to pursue an MCA program at the same college, even though I scored the top rank in the merit list and was qualified to get admissions in other government colleges also. I am proud to say that I made the right decision."

Ashok Kumar Sharma

Automatic Engineer at Desment Ballsera

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 and
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



