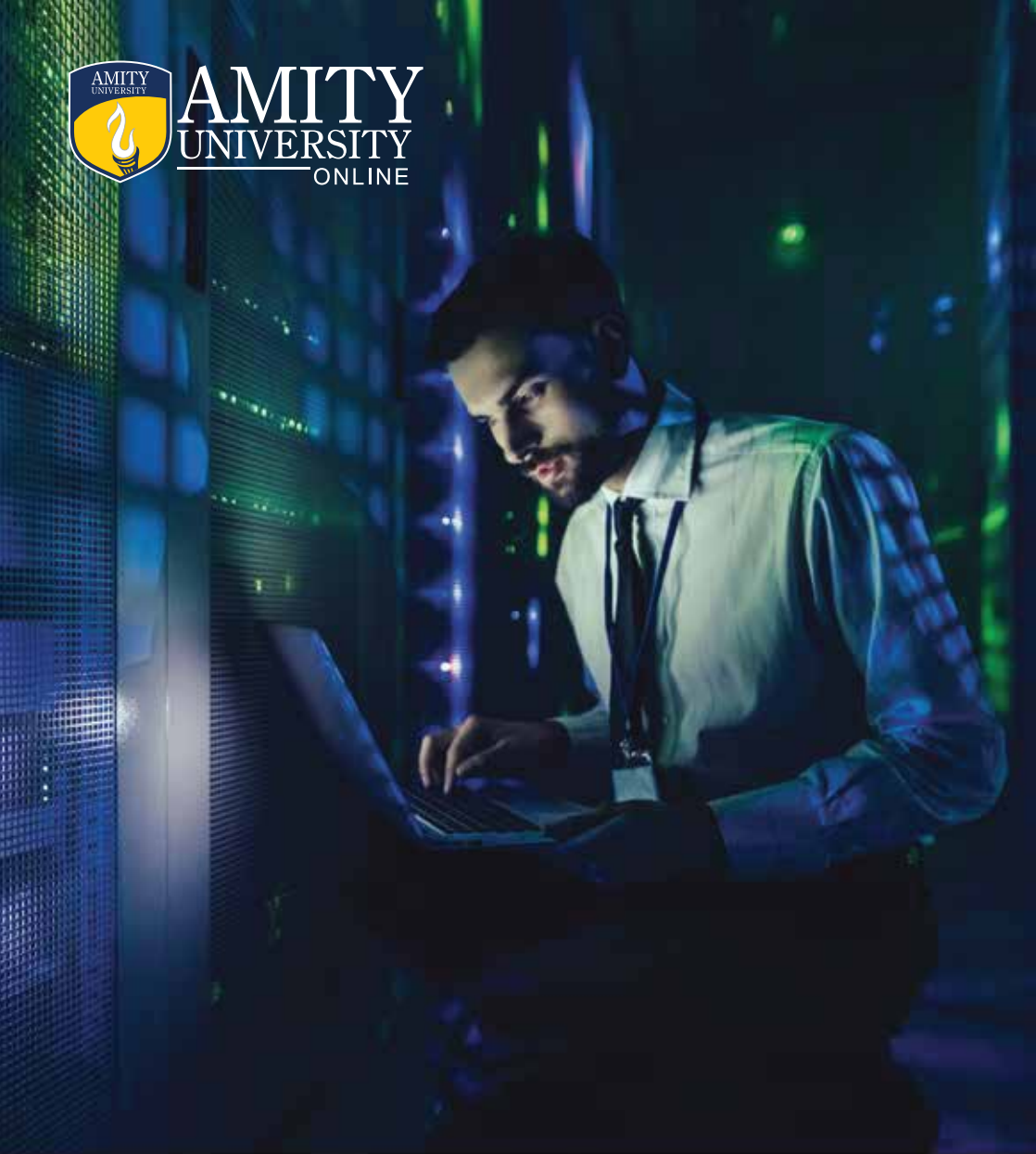




AMITY
UNIVERSITY
ONLINE



Master of Computer Applications

ACCREDITED BY:



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Message from Directors



Dr. Priya Mary Mathew

Director, Academics

This is the age of knowledge. And anyone who says “I do not know” at this age, will risk being labelled “outdated”. We at Amity Online Family have pledged to ensure no one faces that dilemma. That’s why you will find Amity University Online going to the depths, the widths, the lengths to ensure we serve as many humans as possible. Choices decide the fruits of your life. Taking up online programs with AUO is a wise decision to widen your opportunities to succeed.



Prof. Abhinash Kumar

Director

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 programmes adhere to UGC’s stringent criteria and we are at par with the campus programmes.

About Amity University Online

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



The country's first university to receive the prestigious UGC accreditations for its online programmes, 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 programmes across various disciplines in education.

175,000

Students

225,000

Online Students

6,000+

Faculty

120,000

Alumni Worldwide

1,200

Acres of Campuses

28

Schools & Pre-schools

11

Universities in Noida, Gurugram, Greater Noida, Jaipur, Mohali Lucknow, Mumbai, Gwalior, Raipur, Kolkata, Ranchi & Patna

16

International Campuses including London, Dubai, Singapore, New York, San Francisco, Abu Dhabi, Mauritius, Sharjah, South Africa, Amsterdam, Nairobi, Tashkent

About the Programme

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 programme 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 programme helps learners to develop a thorough understanding of various tools and programming languages in the development of better and faster applications.

Programme Curriculum

SEMESTER 1

Subject Name	Course Type
• Advanced Database Management Systems	Core Courses
• Advanced Software Engineering Principles	Core Courses
• Professional Communication	VAC
• Core Java	Core Courses
• Graph Theory and Combinatorics	Core Courses

SEMESTER 2

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

SEMESTER 3

• Cloud Infrastructure and Services	Core Courses
• UNIX / Linux Programming	Core Courses
• Advanced Web Technologies	Specialisation Elective Courses
• Internet of Everything	Specialisation Elective Courses
• Machine Learning using Python	Specialisation Elective Courses
• Software Testing and Reliability Duplicate	Specialisation Elective Courses
• Professional ethics	VAC
• Seminar(Evaluation)	NTCC
• Quantitative Aptitude	Employability & Skill Enhancement

SEMESTER 4

• Major Project	NTCC
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Our Global Faculty



Asst. Prof. Brian Porter

MSc. Management - Boston University,
Online Facilitator - Boston University,
Adjunct Professor - Nicholas College,
Vice President of Strategic Partnerships at MGCC



Prof. Luke Pearce

M.A. in Education, University of Sheffield,
PGCE from Sheffield Hallam University,
Teaching fellow - University College London



Prof. (Dr.) Ronald C Darnell

PhD, 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.



Prof. (Dr.) Julia Fallon

MBA from Cardiff University and PhD from the
University of Wales, UK,
Principal Lecturer, at Cardiff Metropolitan University, UK



Prof. Mike Berry

MSc. in Math and Economics -
Imperial College London,
Professor (Marketing) at
Hult International Business School, UK

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 for pursuing BCA programme. Based on my great learning experience, I decided to pursue an MCA programme in the same college, even though I scored top rank in the merit list and was qualified to get admissions in other Govt. colleges also. I am proud to say that I took the right decision.."

Ashok Kumar Sharma

Automatic Engineer at Desment Ballsera

Amity University Online Advantage



Live & Interactive Lectures
by Expert Faculties



Web Proctored Mode for
the freedom to take
exams anywhere



World-class curriculum
designed by eminent faculty
and industry professionals



Learn from the leading
global faculties



Regular webinars
by industry leaders



Virtual job fairs and
career assistance



International collaborations
with Ivy League universities



Easy-to-use LMS accessible
anytime, anywhere



Strong alumni network



Exemplary employer rating
of various programmes

Industry Mentors



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

Alumni Working At





FOR ENQUIRIES

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Toll Free No. : 1800-102-3434

Website : www.amityonline.com