



**AMITY**  
UNIVERSITY  
ONLINE

# MCA IN BLOCKCHAIN TECHNOLOGY

An immersive program to help emerging leaders navigate the dynamic digital landscape to craft winning Business strategies.



**24 months**

**Global  
Accreditation**

**Global Faculty**

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## ABOUT AMITY UNIVERSITY ONLINE

Amity University Online is a value-based institution with an innovative bent towards education that impacts lives across boundaries. Through immersive technology, groundbreaking methodology and a worldwide community, we constantly endeavour to expand the horizons of minds in a virtual space around the globe. We are also home to a range of University Grants Commission (UGC) recognized programmes at Masters, Bachelors, Post Graduate Diploma level for nurturing young professionals. With 225000 students spread across countries with diverse backgrounds and a strong force of highly accomplished faculty, we create an ecosystem buzzing with new ideas and innovations.

With our eyes on the future, we keep on pushing the limits, breaking barriers, overcoming obstacles, and forging new connections. Our vision fuels our success and our consistent progress in global rankings assures us that more is yet to come.

### PRESTIGIOUS RANKING AND ACCREDITATIONS



# PROGRAM OVERVIEW

This is a super-specialized program for ambitious professionals looking forward to a career in Blockchain Technology. Business and career growth are determined by the proliferation of technologies, and thus the requirements and expectations from the traditional system have now changed.

This two-year program offers a core course along with a specialisation course in Blockchain Technology. The program structure provides candidates with unmatched flexibility to learn at their own pace and attend classes at their convenience. The course is practice-oriented and intended to give exposure to real-world applications. This course aims to familiarise the learners with the scope of Blockchain technology, implementation and management so that they understand the current industry demands and be well prepared for the career they are looking for.

## What makes Amity Online MCA in Blockchain Technology special?

Empower yourself into becoming a successful working professional with a world-class online MCA programme by Amity University Online. The programme is specially designed to enhance your innovative and entrepreneurial abilities and gain skills to achieve rapid growth & success in the corporate world. The program is designed to provide a thorough knowledge of the chosen field and applications of Blockchain Technology. This will also help in developing the skills to build practical Blockchain applications that regulate your business goals.

# INDUSTRY INSIGHTS

## THE DEMAND FOR BLOCKCHAIN PROFESSIONALS HAS INCREASED BY 300% SINCE 2019

The annual growth rate of demand of blockchain professionals is expected 67% from 2020-25

The blockchain market size was USD 2.01 billion in 2019 and is projected to reach USD 69.04 billion by 2027, exhibiting a CAGR of 56.1% during the forecast period [CAGR= Compound annual growth rate]

## WHY PURSUE AN MCA IN BLOCKCHAIN TECHNOLOGY FROM **AMITY UNIVERSITY ONLINE**?

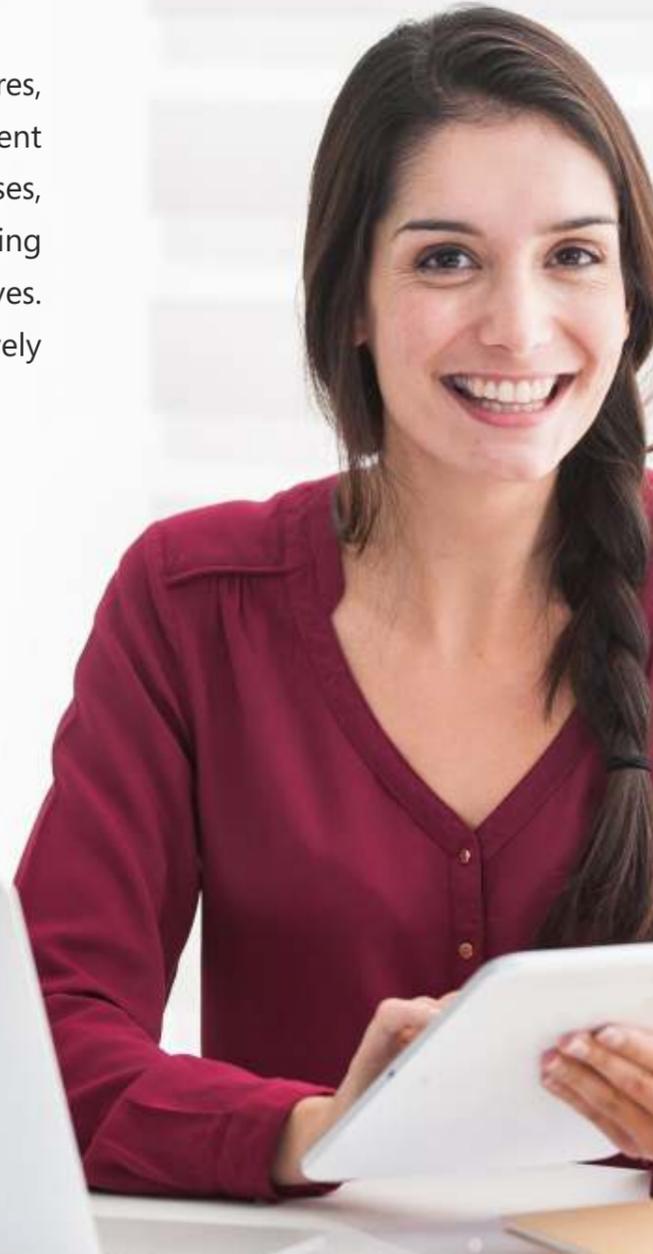
Amity University Online India's leading professional learning and higher education platform. When you choose this program, you also get access to our extensive pool of industry experts and dedicated career assistance.

- Become a globe-trotting professional in a Blockchain Technology
- Gain the recognition of an MCA in Blockchain Technology from a reputed institute
- Daily live classes by global faculty
- Gain practical skills through case study-based learning
- Become industry-ready with mentorship from experts
- Get dedicated career support from mentors
- Build your skills with a curriculum designed by leading academicians & industry experts
- Learn alongside a diverse batch of peers from 80+ countries

# PROGRAM HIGHLIGHTS

## Pedagogy for Course Delivery

The class will be taught using recorded video lectures, online live sessions and case studies to implement learning. In addition to assigning case studies courses, instructors will spend a significant time understanding the concept of innovation through the student's eyes. The instructors will cover the ways to think innovatively liberally using thinking techniques.



“Blockchain Technology & Management course is very exhaustive and easy to understand. It's helpful to even non-IT background people. This course has indeed helped me change my career path.”

**Munjal Patel**

Blockchain Analyst  
BTM - June 2018

## MCA in Blockchain Technology will help you to

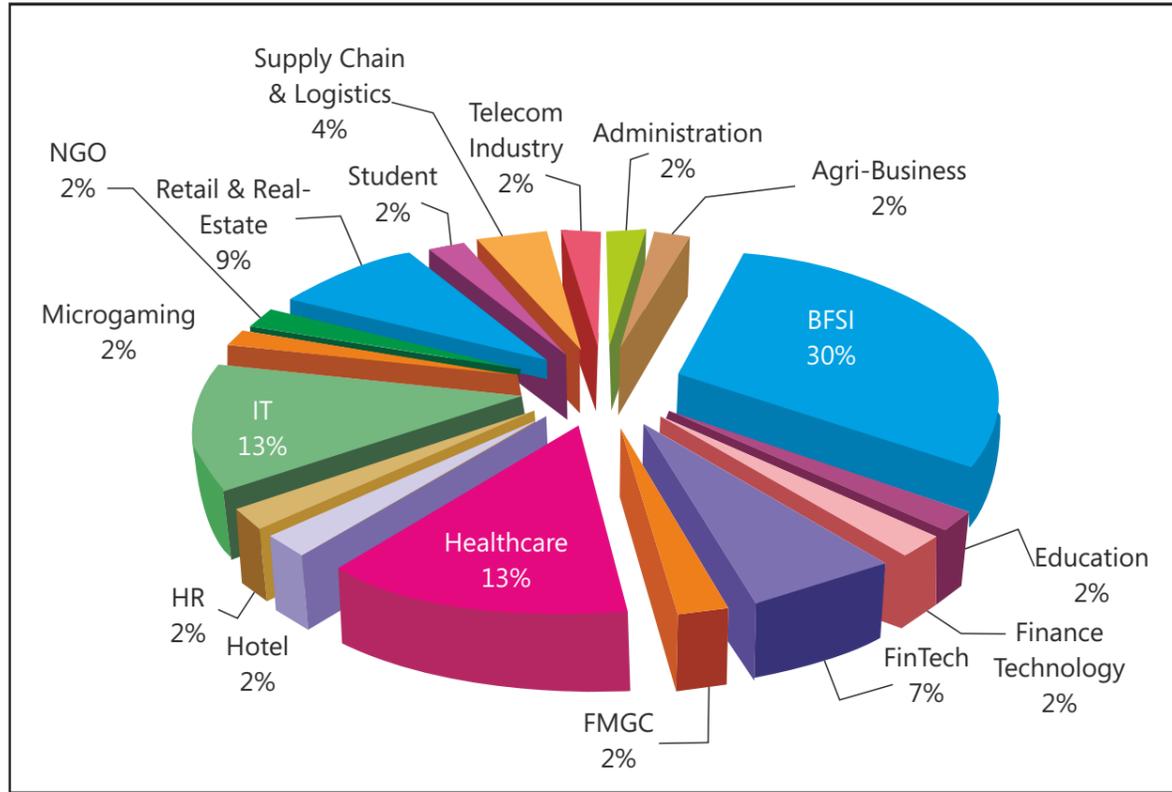
-  On the go learnings and 24/7 access to study material & video lectures
-  Deep dive into concepts, tools and requirements for Blockchain technology trending in the industry
-  Stay on track and get the most out of the program through dedicated student mentors
-  100% Career assistance

## Unique Program Features

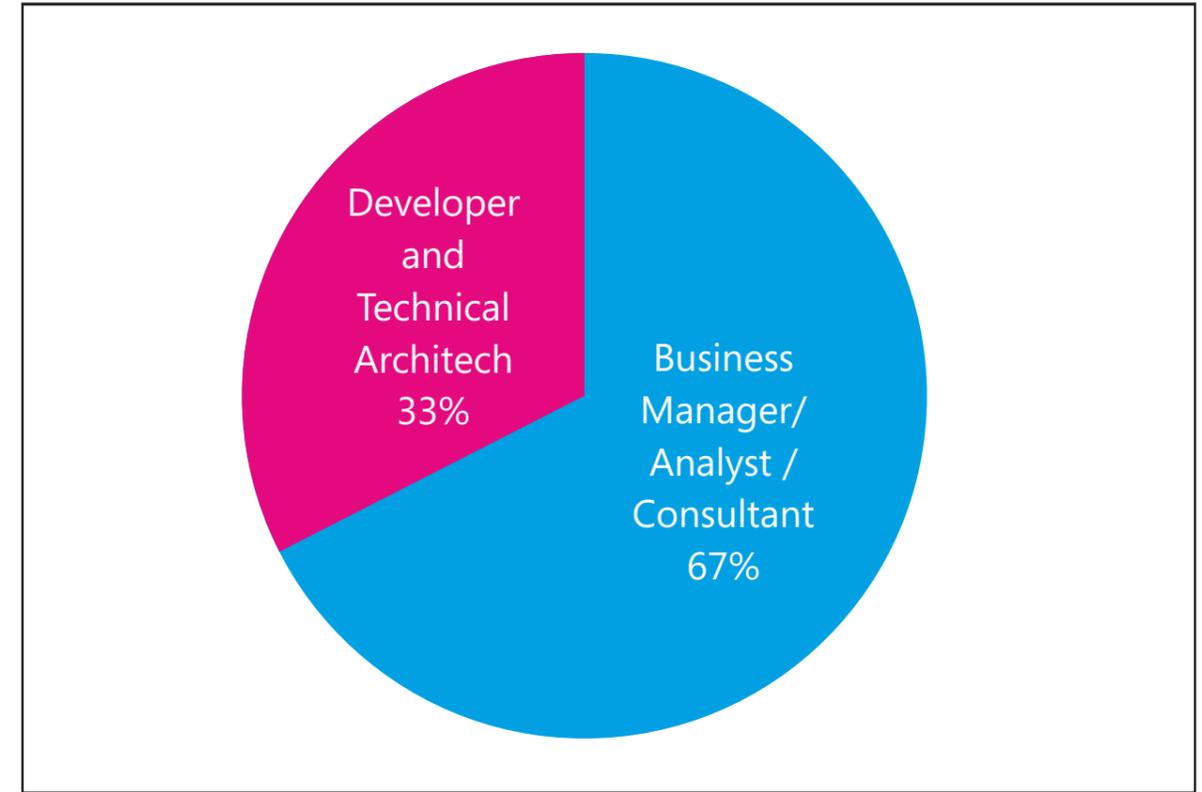
-  Focus on strategy & tools
-  Gain in-depth subject knowledge and expert insights from an industry-driven comprehensive curriculum.
-  Live interaction with Blockchain experts and Corporate leaders
-  Hands-on experience to solve corporate level Blockchain issues

# BATCH PROFILE

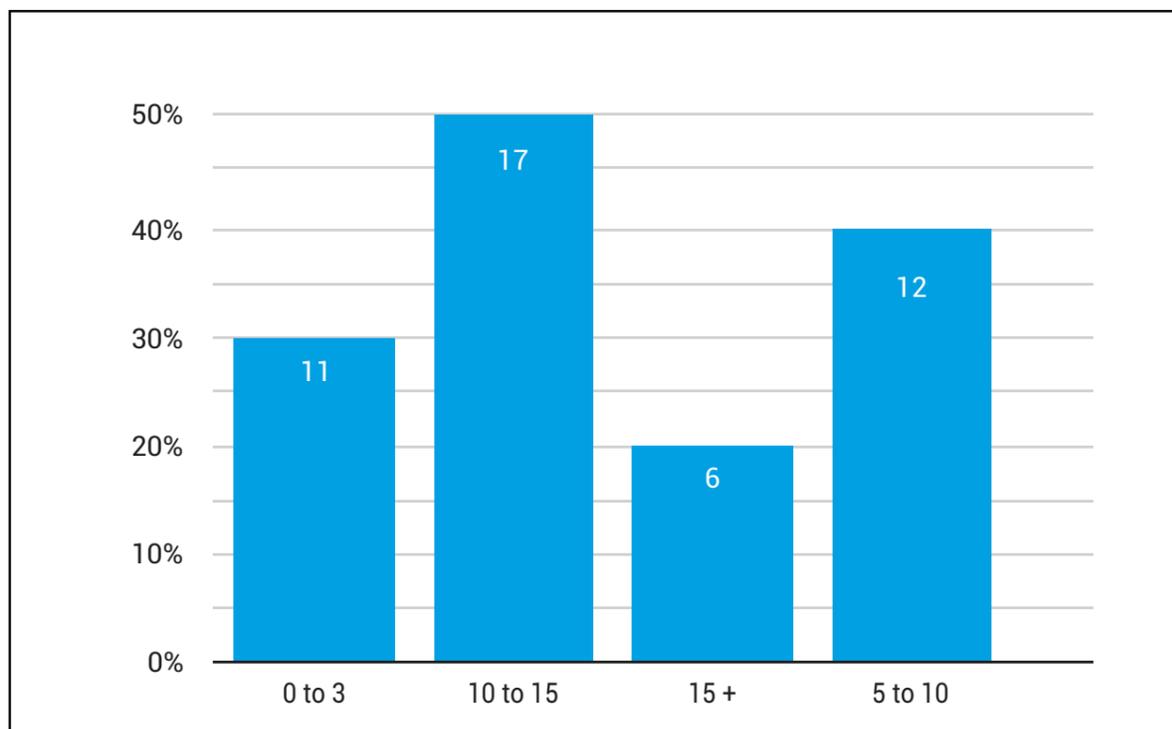
## Variation of Industry



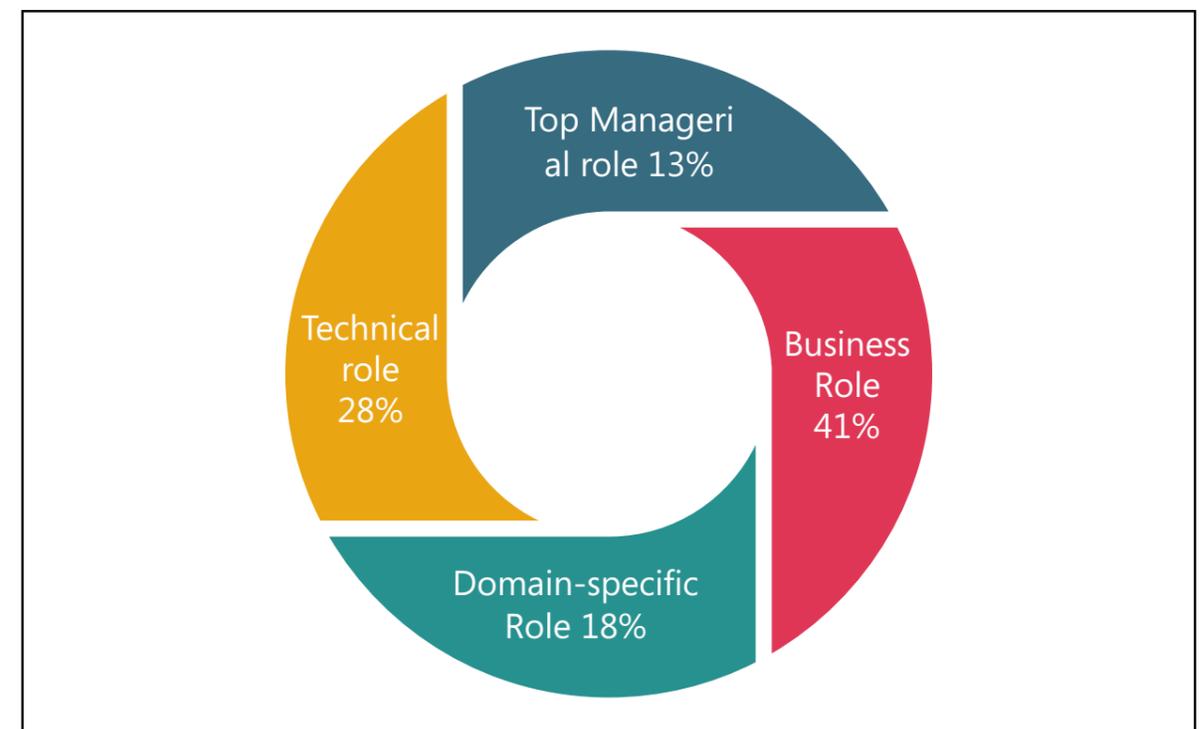
## Learning Track



## Yrs of Work Experience



## Current Role



# COURSE CURRICULUM

	Subject	Credits
<b>Semester 1</b>		
Course I	Graph Theory and Combinatorics	6
Course II	Advanced Database Management Systems	6
Course III	Core Java	6
Course IV	Advanced Software Engineering Principles	6
Course V	Professional Communication	4
<b>Semester 2</b>		
Course I	Research Methodology	4
Course II	Data Structures and Algorithm Design	5
Course III	Network Security and Cryptography	5
Course IV	Cognitive Analytics & Social Skills for Professionals	4
Course V	Specialization I *	5
Course VI	Specialization II *	5
<b>Semester 3</b>		
Course I	Cloud Infrastructure and Services	5
Course II	UNIX / Linux Programmingt	5
Course III	Professional Ethics	2
Course IV	Quantitative Aptitude	2
Course V	Seminar (Evaluation)	4
Course VI	Specialization III *	5
Course VII	Specialization IV *	5
<b>Semester 4</b>		
Course I	Major Project	19
<b>Duration: 2 Years • Semesters: 4 • Credits: 103</b>		

# CORE SPECIALIZATIONS



**Specialization I**  
Blockchain Technology & Management  
Credits: 5



**Specialization II**  
Introduction to Ethereum + Enterprise  
Blockchain applications & Hyperledger  
Credits: 5



**Specialization III**  
**Option 1: TD Track**  
Programming Fundamentals: Golang  
and Solidity  
Credits: 5



**Specialization IV**  
**Option I: TD Track**  
Building Ethereum Applications  
Credits: 5



**Specialization III**  
**Option II: BM Track**  
Technicalities &  
Implementation of  
Blockchain  
Credits: 5



**Specialization IV**  
**Option II: BM Track**  
Architecting  
Blockchain Solutions  
Credits: 5

# FACULTY



## Mr. VIVEK CHARDE

He has 11+ years of experience in Marketing, Communications and Digital Marketing.



## Mrs. SUMEDHA CHATTERJEE

She has 10+ Years of experience in handling marketing portfolio for a diverse set of online products.



## Mr. DIPTARUP CHAKRABORTI

He has 18+ years of experience in the technology industry with IT majors like IBM, Gartner, Capgemini & Mastek.



## Dr. ANJU GULLA

She has 7+ Years of experience in teaching, training and industry experience in Marketing & Digital Marketing.



## Mr. KARAN BHATIA

He has 13+ years of hands-on experience in Multi-channel ROI driven digital campaigns, and specializes in Content and SEO strategy and product road-map and conversion optimization.



## Mr. ANKIT GARG

He has expertise in scaling content driven consumer web products for India and Global audiences and has hands-on experience of managing web-product lifecycle.



## Mr. SIDDHARTH SAXENA

He has 9+ years of experience in product development & technical management of web teams.



## Mr. SACHIN JAIN

He has 11 years of online marketing and advertising, ecommerce, social media marketing, client servicing, and account management experience of working with Google.

# FACULTY



## ARI JUELS

Ari Juels is a professor at the Jacobs Technion-Cornell Institute at Cornell Tech, a Computer Science faculty member at Cornell University, and Co-Director of the Initiative for CryptoCurrencies and Contracts (Ic3).



## Mr. RAFAEL PASS

Rafael Pass is a Professor at Cornell Tech and in the Computer Science Department at Cornell University. He has been on the faculty of Cornell University since 2006 and joined Cornell Tech in 2013.



## Mr. PRANAV SHASTRI

Program Director, Master in IT & Pursuing PhD in Computer Science with 10+ years of training experience



## Mr. KARTIK K

He has 12+ years of experience in Corporate Implementations as Blockchain Architect, he has worked with Apple Engineering, Google Dev Group and Wipro.



## Mr. ANURAG AGARWAL

Digital Transformation leader with 22+ years of professional experience. Passionate to develop the Blockchain ecosystem one block at a time!! Special interests include IoT and Big Data Analytics.



## Mr. NAKUL SHAH

Director, Sate Development. 8+ Years of professional experience. Financial Engineering, University of Michigan



## Mr. SATISH SALIVATI

He has 17+ Years of Experience and is an entrepreneur with hands-on experience in Blockchain and has interests in Analytics, HR, Tech.



## Mr. AKASH GAURAV

He is the Founder of Auxledger and Member of Advisory board of Cashaa.



## Mr. JITENDER BHUTANI

He is Senior Blockchain Developer at Auxesis Group and has 4+ years of IT Experience in Infosys, Amdocs and Crisil.



## Mr. ABHISHEK BHATTACHARYA

Co-founder, Whrrl, India's first Agri-Fintech Blockchain platform. He is an author & technology evangelist with 5+ years of experience in Blockchain



## Mr. KOSHIK RAJ

6+ Years of Professional experience Master's in CISSA, Manipal Institute of Technology

# CAREER PATHWAYS



## APPLICATION PROCESS AND ELIGIBILITY

### READY TO ADVANCE YOUR CAREER?

APPLICATION PROCESS: Apply Now

Call: 18001023434

to book free counselling session.

### Eligibility

- Candidates must have completed Graduation Degree
- Applicant must possess sufficient knowledge and understanding of English Language.

- Enhance your career aspirations with assistance from our Virtual Job Fair, existing Corporate and Alumni network

- Get connected with our Career Counsellor towards the end of the program to be interview-ready as per the current industry requirements.

## BLOCKCHAIN TECHNOLOGY ROLES

### Entry Level

- Blockchain Business Analyst
- Blockchain Designer
- Smart Contract Developer
- Blockchain Generalist

### Mid Level

- Blockchain Developer
- Blockchain Engineer
- Blockchain Consultant

### Advanced Level

- Blockchain Project Manager
- Blockchain Architect
- CTO/Developer for Block MVP

