



Get an Online certified Degree *in* BCA



AMRITA
VISHWA VIDYAPEETHAM

Online

Mission

To provide value-based education and mould the character of the younger generation through a system of wholesome learning, so that their earnest endeavor to achieve progress and prosperity in life is matched by an ardent desire to extend selfless service to society, one complementing the other.

Vision

We envision a world endowed with the wealth of knowledge and strength of discrimination(Viveka). We envision a system, which is a healthy breeding ground for the sprouting, culturing and dissemination of the whole gamut of knowledge in a wholesome and holistic manner for the well-being of mankind. We envision a human being empowered with wholesome knowledge, which makes him an enabler and facilitator in the deep search and striving of every human being for that knowledge. We envision a system where in there is a great inter play and exchange of ideas, thoughts, feelings and actions which develop people empowered with noble character, and wholesome value. They go out in to the fields of action to build a world of love, harmony, peace and knowledge. They follow the path of Dharma and give a clear direction in every thought and human behaviour.



Our Chancellor



Sri Mata Amritanandamayi Devi

There are two types of Education
***Education
for Living.
Education
for Life.***

*“Studying is a process, like the bud unfolding into the beautiful
fragrance spreading flower. Understanding this, we
should approach our topic of study with love and patience. Knowledge is
like a river. Its nature is to constantly flow. Wherever it can flow, it does so,
nourishing culture. On the other hand, the same knowledge,
if devoid of values becomes a source of destruction for the world.
When values and knowledge become one, there can be no more
powerful instrument for the welfare of humankind. There are two
types of education: education for a living and education for life.
When we study in college, striving to become a doctor, a lawyer, or an
engineer, that is education for a living. But education for life requires a
deeper understanding of the world, our minds, our emotions and ourselves.
Amrita University provides education for life which is
much more than education just for living.”*

No.1 **THE** **IMPACT**
IN INDIA **RANKINGS** **2024**

No.1 **QS** **WORLD**
IN INDIA **UNIVERSITY**
INTERNATIONAL OUTLOOK **RANKINGS** **2020**

nirf **7TH RANKED** **2024**
GOVT. OF INDIA **UNIVERSITY IN INDIA**

 **Institution of Eminence**
Recommended by
University Grants Commission

 **NAAC A++**
ACCREDITED

University Rankings





Times Higher Education
Impact Rankings 2025



AMRITA
VISHWA VIDYAPEETHAM

Ranked
AMONG TOP 50
IN THE WORLD

1st
IN
INDIA





Amrita Vishwa Vidyapeetham at a Glance

Amrita Vishwa Vidyapeetham is a multi-campus, multi-disciplinary research academia that is accredited 'A++' by NAAC and is ranked as one of the best research institutions in India. Amrita is spread across Nine campuses in Five states of India – Andhra, Kerala, Tamil Nadu, Karnataka and Haryana, with the headquarters at Ettimadai, Coimbatore, Tamil Nadu. Amrita Vishwa Vidyapeetham continuously collaborates with top US universities including Ivy league universities and top European universities for regular student exchange programs, and has emerged as one of the fastest growing institutions of higher learning in India.

“Amrita Vishwa Vidyapeetham has a major role to play in transforming our society into a knowledge society through its unique value-added education system.”

Dr. A.P.J. Abdul Kalam

Former President of India

“This is not just another academy, but very high quality, world-class institution, focusing on technology research, dealing with very concrete issues which have immediate applications.”

Prof. Muhammad Yunus

Nobel Laureate

“What makes Amrita students special? Western science leads to knowledge. Eastern science leads to understanding. Amrita has both Western and Eastern traditions in education.”

Dr. Lee Hartwell

Nobel Laureate

About Amrita» Online

Amrita's Online Degree programs focus on an all-rounded individualized learning trajectory to enhance and diversify one's career growth pathways while integrating Amrita's philosophy of 'Education for Life and Education for Living'. Innovative and award-winning pedagogic practices provide experiential learning allowing freshers and working professionals anytime access and flexibility with personalized mentorship and interactivity. Our UGC recognized future ready degree programs are offered jointly with Industry stalwarts, reputed national and international faculty that equip and expose students to address real-life applications.



Online *Our* **BCA** *Program*

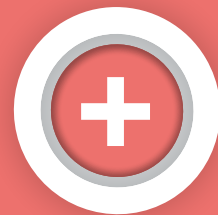
Our online BCA General and BCA Artificial Intelligence & Data Science, Undergraduate programs are for aspirants looking to start a career in Computer Science. The programs are rigorous, cutting edge and continuously evolving to keep abreast with industry standards. The program also has an analytical core encompassing computer systems, information systems and computer applications.



How to earn a degree on
Amrita»
Online

Choose a Degree

Choose a degree ranging from Undergrad to Master's programs.



Learn Anytime Anywhere

Earn credits towards your degree wherever you are - you just need a smartphone, tablet or computer and access to the internet.

Ace the Assessments

Complete online assignments to get feedback and demonstrate your understanding.



Earn your degree

Complete the requirements and gain an internationally recognised qualification.

Course» Duration

Limits	No. of years
Minimum	3
Maximum	6



Curriculum »

Semester 1 BCA

Communicative English

Foundations of Applied Mathematics - I

Principles of Management

Computer Essentials

Problem Solving and Algorithmic Thinking

Semester 2 BCA

Professional Communication

Foundations of Applied Mathematics - II

Operating System and Computer Architecture

Object Oriented Programming using Java

Database Management System

Database Management System Lab

Object Oriented Programming using Java Lab

Semester 3

BCA

Data Structures and Algorithms

Computer Networks

Environmental Science and Sustainability

Discrete Mathematics

Elective I

Elective II

Data Structures and Algorithms Lab

Semester 4

BCA

Soft Skills

Web Application Development

Data Mining

A Software Engineering

Elective III

Elective IV

Web Application Development - Lab

Semester 5 BCA

C# and .NET Framework

Foundations of Machine Learning

Essentials of Cyber Security

Elective V

Elective VI

Case Study

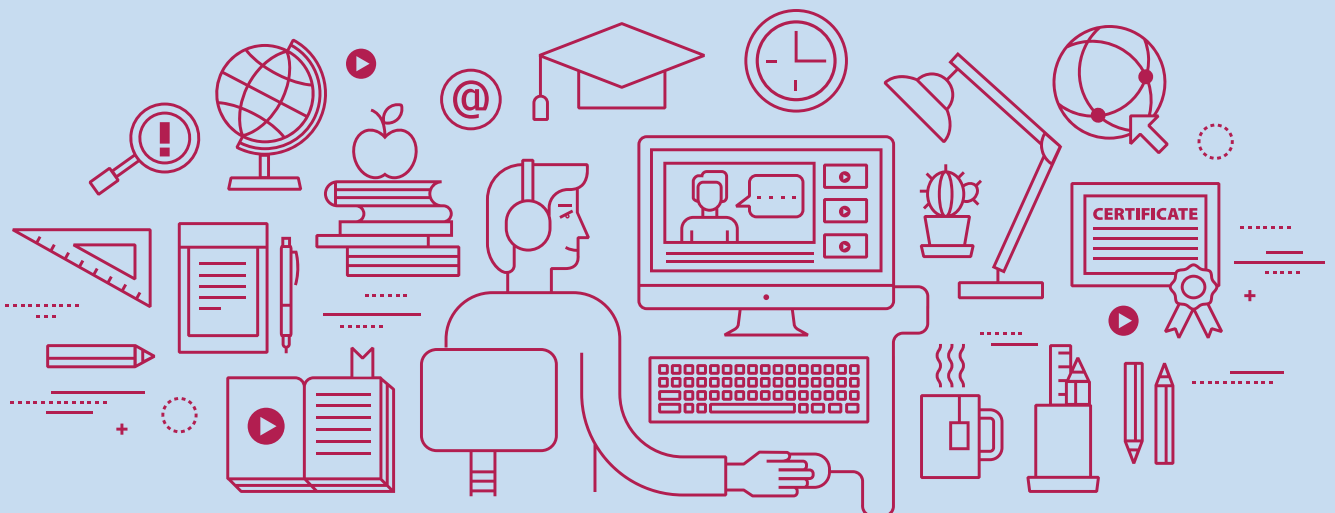
Semester 6 BCA

Capstone Project

Mobile Application Development

Elective VII

Elective VIII



Specializations »

BCA General

- **Advanced Programming in Python**
- **Digital Image processing**
- **Cloud Computing Foundation**
- **Switching, Routing and Wireless Essentials**
- **Computational Biology**
- **Business Analytics**
- **Advanced Java and J2EE**
- **Enterprise Networking, Security and Automation**
- **Block chain Technologies**
- **Introduction to VR Programming**
- **Distributed Systems**
- **Introduction to IOT**

BCA Artificial Intelligence & Data Science

- **Cloud Computing Foundation**
- **Exploratory Data Analysis using Python**
- **Big Data Analytics and Visualization**
- **Business Analytics**
- **Data Analysis using Microsoft Excel**
- **Data Governance**
- **Natural Language Processing**
- **Data Visualization using Power**
- **Text Mining and Analytics**
- **Applications of Machine Learning**
- **Tableau for Business Intelligence**
- **Artificial Neural Networks and Applications**

Industry Certifications Training

Learn from industry experts and seasoned professors who guide you through real-world technical challenges.

BCA General

❖ Python Institute Certifications

- PCEP – Certified Entry-Level Python Programmer Certification.
- PCAP – Certified Associate in Python Programming Certification.

❖ Google Cloud Computing Foundation (GCCF)

❖ CISCO and networking (Training to earn CCNA Certifications)

- CCNA 1 Introduction to Networks
- CCNA 2 Switching, Routing & Wireless Essentials
- CCNA 3 Enterprise Networking, Security & Automation

Other Coursera - based Certifications

- Microsoft Python Development Professional certificate
- Certified Ethical Hacker (CEH)-LearnKarts
- Cybersecurity attack and defence certification - EC COUNCIL
- University of London
- Responsive Website Development and Design

BCA Artificial Intelligence and Data Science

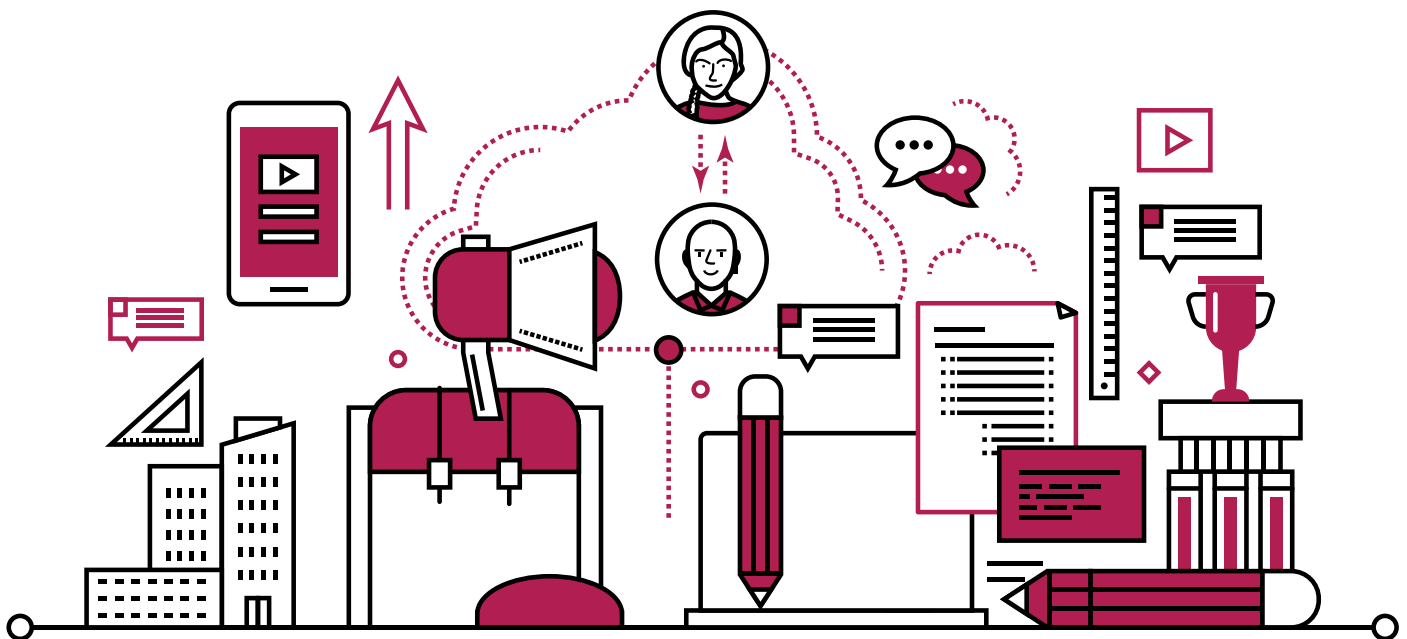
❖ Python Institute Certifications

- PCEP – Certified Entry-Level Python Programmer Certification.
- PCAP – Certified Associate in Python Programming Certification.

❖ Google Cloud Computing Foundation (GCCF)

Other Coursera - based Certifications

- Microsoft Python Development Professional certificate
- IBM Business Analyst Professional Certificate
- Microsoft Power BI Data Analyst Professional Certificate



Industry-Ready Training: Interact with International (Germany, USA) and National Artificial Intelligence specialists on course modules and Industry-led projects with 50+ case studies.

Mentored industry-relevant projects in the final semester alongside industry veterans in areas of Machine Learning, NLP, Vision, Deep learning, Cybersecurity, Cloud Computing & Distributed Computing, BlockChain, IoT.

Online Practical Virtual Labs from Google, CISCO Academy and Amrita.

Industry Certification Training

(Certification costs are optional and extra)

CISCO Certified Network Associate

Optional elective EC-Council Certified Security Specialist (ECSS)

Optional PenTest + (Plus) Certification

CompTIA IT Certifications

IBM Practitioner



Online Class Schedule»

Live Sessions - 1 hour per week per course

Reading material & video lectures

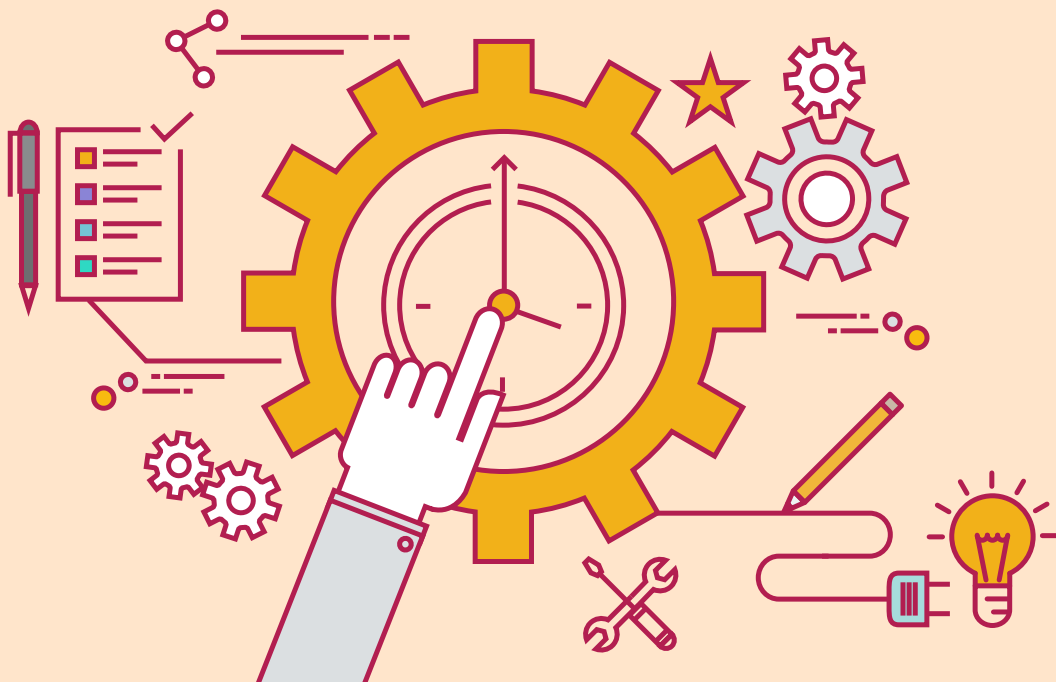
Uploaded every week prior to the live session

Discussion forums

Active for 2 hours on weekly basis for every course

Quizzes & assignments

Once a week, every week



Our structure will enable students to clarify their doubts and solve the questions/assignments in a timely manner. Approximately 15 weeks of e-content is prepared inclusive of exams.

Each course will be in 4 quadrants, fully following the UGC guidelines

1) Quadrant I - E-Tutorial which contains: Video and Audio Content in Animation, Virtual Labs, etc, along with the transcription of the video.

2) Quadrant II - E-Content which contain: Self-instructional material (digital Self Learning Material), e-Books, case studies, presentations etc. and also contains Web Resources such as further references, Related Links etc.

3) Quadrant III - The Discussion forum for raising of doubts and clarifying the same by the Course Coordinator.

4) Quadrant IV - Assessment, which contains Problems and their Solutions. They can be in the form of Multiple Choice Questions, Fill in the blanks, Matching Questions, Short Answer Questions, Long Answer Questions, Quizzes, Assignments and Solutions.

Job Roles



Software Developer
(Junior)



Systems / QA Analyst



IT Support Engineer



Web and Mobile
Application
Developer



Network Support
Engineer / Network
Administrator



Database Analyst



Business Analyst



Data
Visualization
Analys



ML / Big Data Engineer



Cyber Security
Analyst



Game Developer

Ambassadors of Social Good

Ample opportunities to get involved with our social organisation across India help students develop a sharp mindset to create impact first and then deliver on shareholder return. It's not surprising to find our alumni at an organisation such as the Worldbank, the United Nations which is partnered with our in-house think tank - Ayudh.



(<https://www.ayudh.in>)

Impact Entrepreneurship

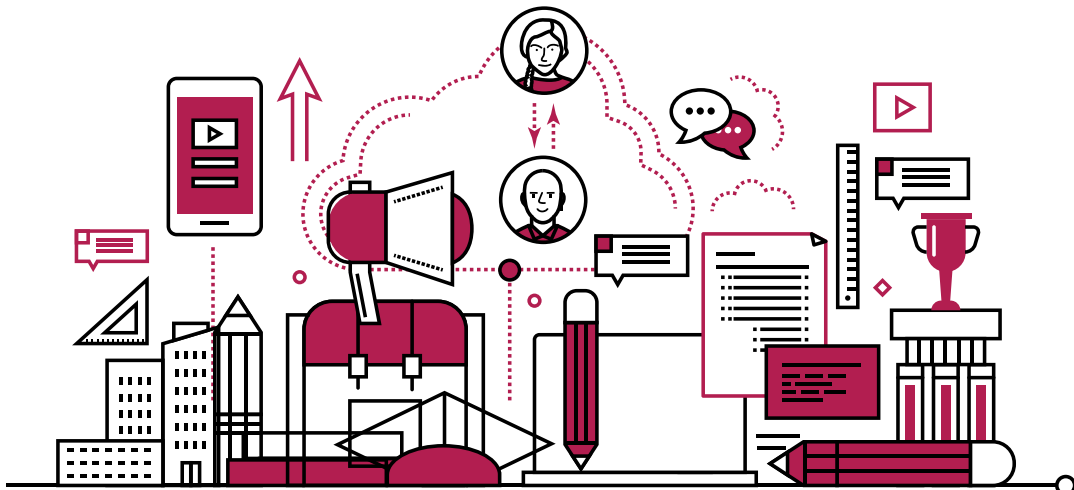
Students also have the opportunity to bring fruition to their ideas with our in-house business incubator - Amrita TBI. Amrita TBI is a non-profit startup incubator supported by Govt. of India and Amrita Vishwa Vidyapeetham that funds, mentors and nurtures ideas, startups and entrepreneurs. National Award winner for being the best startup incubator in India.



(<https://www.amritatbi.com>)



Our Hiring Partners





Study Abroad

at Top Universities in the USA & Europe



UC San Diego



**UNIVERSITY
OF TWENTE.**

The Amrita Advantage



**UGC
Entitled**

UGC Entitled
Programs



World-Class Faculty



Industry Aligned
Curriculum



Career Placement
Assistance



7th Best University
in India



3000+ Students



2000 + Faculty



27 Collaborations with
Top World-Ranked
Universities



16 Constituent Schools



Strong Alumni Network



Affordable



Master the advanced tools,
techniques, algorithms
reshaping the digital landscape



JJob Relevant
Industry Certifications
from CISCO,
EC Council, IBM



Wide range of electives
in areas of IOT,
Cyber physical
Systems, Cloud computing,
Cognitive Computing



50+ industrial case
studies & 10+
Mini projects



Opportunity to work in
research centers on
industry projects



Eligibility»

Students with Indian Education:

Direct admissions for learners with an aggregate minimum of 45% marks.

- > Candidates must have passed 10 + 2
- > Candidates who have passed 3-year diploma can also apply

Candidates with work experience will have an added advantage for admissions.

Students with a Foreign Education:

Certificate of Equivalence from the Association of Indian Universities is needed. This is required for any student with a Foreign Education who wishes to apply to an Indian University. Please refer to Foreign Education who wish to apply to any Indian University (<https://aiu.ac.in>)

BCA General

Fee Structure*

Semester	Amount
Semester 1	Rs 22500
Semester 2	Rs 22500
Semester 3	Rs 22500
Semester 4	Rs 22500
Semester 5	Rs 22500
Semester 6	Rs 22500
Total**	Rs 135000

* Registration fee : Rs. 500/-

* Examination fee : Rs. 2500/- per semester

* If you are a foreign national, please email: ahead@amrita.edu / online@amrita.edu

BCA Artificial Intelligence and Data Science

Fee Structure*

Semester	Amount
Semester 1	Rs 27500
Semester 2	Rs 27500
Semester 3	Rs 27500
Semester 4	Rs 27500
Semester 5	Rs 27500
Semester 6	Rs 27500
Total**	Rs 165000

* Registration fee : Rs. 500/-

* Examination fee : Rs. 2500/- per semester

* If you are a foreign national, please email: ahead@amrita.edu / online@amrita.edu

**Monthly
Instalment
(6 Months)**

(General)

Rs. 4167

**(Artificial Intelligence
and Data Science) Rs. 5000**



***Pay 1 year Fee with an
Exclusive 5% Discount***

BCA General

~~**Rs. 45,000**~~

Rs. 42,750

**BCA Artificial
Intelligence &
Data Science**

~~**Rs. 55,000**~~

Rs. 52,750



Amrita Online Scholarships»

Categories	Eligible for	Scholarships*
Defence Personnel	All in service or retired	20%
Martyr's	Wards of Martyred soldiers	20%
Sports	Sports listed under IOC, IOA, AIU, MYAS	25% to 100%
Divyang	Differently-abled	20%
Amrita Vidyalayam	Selection process	20%
Amrita Alumini	CGPA: above 6 / above 7.5	10% / 20%
Amrita Talent Hunt	National/International events recognized by the Board	20%

*Scholarships will be approved and then reviewed on a regular basis.

Student Testimonials



"I searched on the internet for an online course to study from home. I found Amrita Online along with some other online programs. I researched everything and found the "Online BCA Program. My experience with Amrita has made me a better version of my present self. Learning in Amrita has made me develop a lot of self-discipline and an urge to get out of my comfort zone to improve myself as an individual. I'm grateful for being a part of the Amrita Family and growing along with it."

Ajitha
Online BCA



"Amrita never disappoints! It has become an emotion other than an institution for me. I was fortunate to follow my dreams through Amrita's Online BCA program. The faculty's tremendous efforts in making each Online session fruitful and interactive have enhanced our academic and interpersonal skills. Being at a global university, Amrita Online allowed me to meet people worldwide and learn new things from them. I will always treasure the memories of Amrita."

Ayesha
Online BCA



It has been a truly invaluable learning experience through the online platform offered by Amrita Vishwa Vidyapeetham. As for the assistance, feedback, and general help of the teachers and our advisor, I found it excellent.

Aside from the course plan, Amrita Online is constantly releasing the most recent webinars by experts to help students understand current situations and challenges. After multiple college dropouts, I believe that Amrita Online is always a good place to broaden my knowledge. always positive and motivating.

Asarudin.A
Online BCA



"I had been searching for online BCA degree programs for a long time, and after thorough research on the web, I learned about Amrita Online. What attracted me the most was the industry-ready certifications that came along with the course. At Amrita, industry experts and professors conduct guest lectures and workshops regarding new technologies. Truly, Amrita Online is India's best Online education platform for upcoming BCA students looking forward to a bright career."

Anirban Bhadra
Online BCA



"The knowledge and skills I've developed through my study with the Online BCA have made me competitive and have increased my confidence as a biostatistician. I felt overwhelmingly supported as a student in Amrita Online Online BCA program."

Sruthi Jeyachitran
Online BCA



"I'm Mohit Sai, as being specially abled student, I needed an extra attention for my online degree and to my surprise, Amrita Online were able to clarify my doubts. The syllabus is very easy to digest for everyone. Amrita Online Faculty are friendly and helpful. My fellow mates are very helpful and very supportive."

Mohit Sai
Online BCA



"As a UI/UX designer and developer with more than 3.5 years of experience, I started looking for the finest online BCA course for me when I wanted to gain additional technical knowledge. The ideal learning environment is created by AMRITA Online'S online lectures in conjunction with live sessions. The lecturers at AMRITA Online are incredibly helpful in resolving even the slightest of our doubts. I hope to continue learning since my education at AMRITA has helped me become more disciplined in my life."

Bharat Jadhav
Online BCA



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<https://www.onlineamrita.com/>



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<https://x.com/AmritaAHEAD>



www.linkedin.com/company/amritaonline



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