



**VIT**<sup>®</sup>

**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

UGC Entitled, AICTE Approved

**BE AT THE FOREFRONT OF  
INNOVATION AND GROWTH**



# Master of Computer Applications (MCA) Programme

Two Years | Mixed-mode (*Live Online + Recorded Sessions*) | VIT Alumni Status

## RECOGNITION FROM A TOP UNIVERSITY

RANKED

**Top 10**

2024, NIRF University Rankings—India

## Programme Summary

### Master of Computer Applications (MCA) Programme

 Institute Name	Vellore Institute of Technology (VIT)	 Programme Duration	24 Months	 Cost	INR 1,60,000
 Learning Mode	Live Online + Recorded Sessions by VIT faculty	 Weekly effort	16-18 hours/week	 Payment Options	Flexible payment options available
 Programme/ Course Leaders	Subject Matter Experts/ Mid Industry Practitioners	 Certificate	Upon successful completion of the programme participants will be awarded with VIT MCA degree		

### Learning Experience

- World-class faculty -** Learn from the globally renowned VIT faculty
- Course Mentors -** Get insights and clear doubts with industry practitioners/subject matter experts
- Course Structure -** Industry 4.0 curriculum with diverse electives
- Virtual Programming Lab -** Automatically validate source codes in V-Propel, VIT's virtual programming lab
- Live Sessions -** Live online sessions by VIT Faculty + Doubt clearing sessions

#### Are there any LIVE sessions with the institute faculty in this programme?

This programme includes live sessions with VIT faculty and/or course mentors. (Frequency: One hour/week/subject)

#### What is the role of the Course Mentor? Are they institute faculty?

Course mentors are Industry Practitioners/ Subject Matter Experts who help with doubt clearing, cover specific topics deeper and share real-world examples wherever needed.

#### Is there a qualifying mark/ grade to get the final certification in this course?

Participants will be evaluated through a combination of an internal assessment and an end-term examination, with a 30% weightage given to the internal assessment and 70% assigned to the end-term examination. Each participant must attain a score of at least 50% in each course/subject to successfully complete this programme. The final Assessment Test (End term examination) will be conducted in centres in offline mode.

#### What will be the mode of final assessment test(end term examination)?

Final Assessment Test (End term examination) will be conducted in centres in offline mode. Currently VIT has 20 centres across India.

#### Who will conduct doubt clearing sessions?

Doubt clearing sessions are carried out by the Course mentors (via the online learning management system), as they monitor individual student progress.

#### Do I get Alumni status of the University on completion of this course?

This programme offers you VIT alumni status access, which allows you to network with other VIT alumni and a host of other benefits. However, it is important to note that these benefits are not the same as benefits offered via VIT offline programmes.

#### Can I seek a refund of the programme fees?

We strongly encourage our learners to complete the course in its entirety to fully grasp the concepts and reap the full benefits of the programme. However, if circumstances necessitate a pause in your learning journey, you may initiate a refund as per below refund policy:

- If the notice of withdrawal of admission is received by Vellore Institute of Technology 15 days or more before the formally notified last date of admission – Refund on programme fees is \*100%
- If the notice of withdrawal of admission is received by Vellore Institute of Technology in less than 15 days before the formally notified last date of admission - A refund on programme fees is 90%
- If the notice of withdrawal of admission is received by Vellore Institute of Technology in 15 days or less after the formally notified last date of admission - Refund on programme fees is 80%
- If the notice of withdrawal of admission is received by Vellore Institute of Technology in 30 days or less, but more than 15 days, after formally notified of the last date of admission - A refund on programme fees is 50%
- If the notice of withdrawal of admission is received by Vellore Institute of Technology is more than 30 days after formally notified last date of admission - Refund on programme fees is 0%

The refund policy is indicative only and the University reserves the right to make changes as per the notifications received from the concerned statutory/regulatory authorities from time to time. Any changes made in the above will be updated on the website.

#### How long will I have access to the learning materials?

You will have access to the online learning platform, all the videos and programme materials till the end of the programme. Access to the learning platform is restricted to registered participants as per the terms of agreement.

# Your Pathway to Excellence and Beyond!

Elevate your career prospects with the Master of Computer Applications programme at VIT. Meticulously crafted by world class faculty, this programme is a guiding light for aspiring IT professionals and enthusiasts looking to enhance their skills in computer application development. An esteemed and cost-effective offering from a prestigious institution, it seamlessly combines flexibility with academic excellence. Take your ambitions to new heights, accelerate your professional growth, and embark on a journey towards a future filled with boundless opportunities.



# Why is an online MCA a launchpad for growth and innovation?

From generative artificial intelligence (AI) to electric vehicles, today's fast-evolving world is driven by innovators and rule breakers, and IT is the common accelerator! Strengthening an IT career makes sense for many reasons:



**Market momentum:** In the fiscal year (FY) 2022–23, India's IT exports grew faster than the Indian economy. By 2030, the expectation is that the industry will be worth \$500 billion

SOURCE: NASSCOM, 2023



**Government backing:** In the Union Budget of 2023–24, the allocation for the IT and telecom sector was at \$11.8 billion

SOURCE: IBEF, 2023



**Innovation and change:** Technology's ubiquitous presence fuels innovation, especially in India's bustling start-up scene. India has 27,000 start-ups, and in FY 2022–23 alone, we added 1,300 new ones and 23 new unicorns.

SOURCE: NASSCOM, 2023

**However, to truly ride the wave at big multinational corporations (MNCs) and start-ups, a bachelors' degree is not enough.** One needs more. Master of Computer Applications (MCA) is a well-known postgraduate degree that powers professionals to deepen success in the dynamic world of computer science and IT.

The online **VIT's Master of Computer Applications (MCA) programme** prepares students for employment in the IT industry in the area of computer applications by educating with sound fundamentals and advances in IT, software engineering and computer applications by offering a world-class curriculum along with industry-relevant software development tools. VIT emphasises world-class education, cutting-edge research, impactful people, rewarding co-creations and service to society.

# Market Landscape

1

The World Economic Forum concluded that software engineer is one of the **top five emerging jobs in India**.

2

According to a McKinsey Global report, digital technologies have the potential to create **65 million new jobs in India by 2025**.

3

Findly.in reported that **India will have the largest population of software developers**.

The job profiles with the most opportunities after three to five years of experience are application software developer, system software developer, IT architecture, security engineer, quality assurance (QA) engineer and project manager

9 LPA

Average salary in India  
1–3 years experience

22 LPA

Average salary in India  
5+ years experience



Source: PayScale 2023

## Top industries considering online degree graduates

- IT products and services
- Education
- Technology/Telecom
- E-commerce
- Banking and Financial services
- Engineering
- Education
- Hospitality

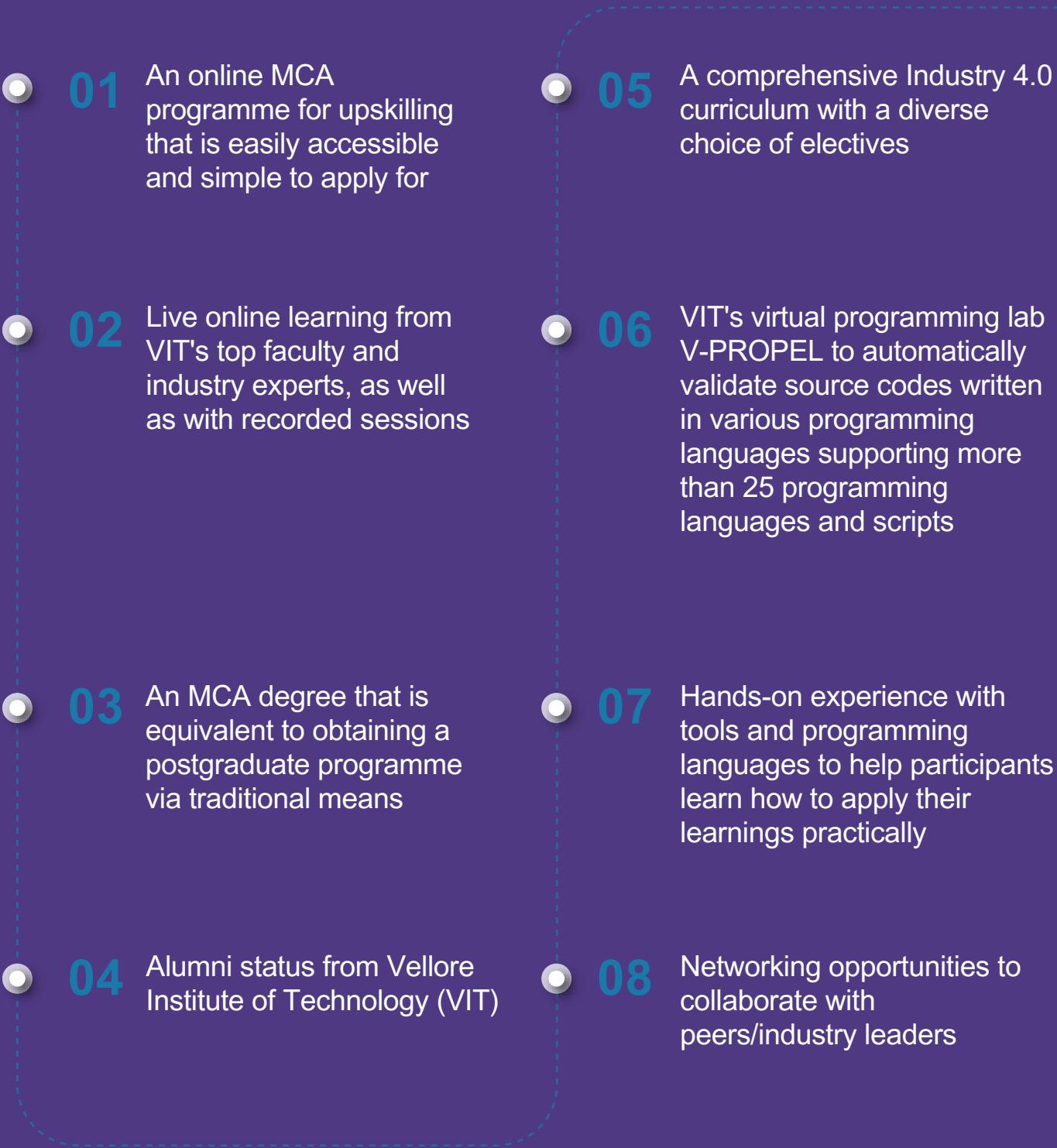
## Top profiles

- Software application architect
- Software consultant
- Web designer
- Web developer
- App developer
- Software developer
- Programmer
- Software engineer
- Full stack engineer
- Frontend developer
- Software architect
- Solutions architect

## Alignment with the top skills that the market requires

- Software
- development C
- C++
- CSS
- HTML
- Java
- Web development

# Programme Features



- 01** An online MCA programme for upskilling that is easily accessible and simple to apply for
- 02** Live online learning from VIT's top faculty and industry experts, as well as with recorded sessions
- 03** An MCA degree that is equivalent to obtaining a postgraduate programme via traditional means
- 04** Alumni status from Vellore Institute of Technology (VIT)
- 05** A comprehensive Industry 4.0 curriculum with a diverse choice of electives
- 06** VIT's virtual programming lab V-PROPEL to automatically validate source codes written in various programming languages supporting more than 25 programming languages and scripts
- 07** Hands-on experience with tools and programming languages to help participants learn how to apply their learnings practically
- 08** Networking opportunities to collaborate with peers/industry leaders

**UGC entitled, AICTE approved degree,  
an ideal choice for working professionals.**

# Tools Covered

Python programming



Database systems



Statistics for data science



Computer networks



Cisco Packet tracer

Programming in java



AI



Machine learning (ML)



Cyber security



Software QA and reliability



Virtual and augmented reality (VR/AR)



Big data analytics



Mobile application Development



Cyber forensics



Blockchain technologies



Data mining techniques



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# Who Is The Programme For?

- 01** Emerging to senior front-end and back-end developers who want to develop expertise in software development and debugging, gain a deeper understanding of emerging technologies such as AI/ML, cyber security, blockchain and AR/VR and career transition within their current organisation
- 02** Emerging to senior database developers who want to gain an in-depth knowledge of computer science principles and programming languages and transition to computer science roles

## Eligibility

Passed BCA/B.Sc (computer science/IT)/Bachelor degree in computer science and engineering/IT or equivalent with at least 50% marks in the bachelor's degree (45% marks in case of candidates belonging to the reserved category)

(OR)

Any bachelor's degree of minimum three years duration (e.g.: B.E. / B.Tech. / B.Sc. / B.Com. / B.A. / B.Voc. / etc.) from a recognized university with at least 50% marks (45% marks in case of candidates belonging to a reserved category) and mathematics as one of the subject at a 10+2 level or graduation level



**Aim for higher goals, and prepare to accelerate your path to success.**

# VIT—Your Catalyst for Success



Ranked  
**Top10 Best University**  
*2024,NIRF university rankings in India*



Ranked  
**#13 Best Research**  
*2024,NIRF university rankings in India*



**Top 2  
Institutions of India**

*2024,Shanghai ARWU Ranking*



VIT is the first institute of India to receive a QS 4-Star rating in overall category



5-Star rating in teaching, employability, facilities, innovation and inclusiveness



Programmes Recognised by Distance Bureau (DEB) UGC



National Assessment and Accreditation Council (NAAC) has accredited VIT with the highest grade 'A++' in 2021 (4th cycle)



Programmes Recognised by World Education Services (WES)

# Programme Structure

## Year One Learning

### Semester I

- Discrete Mathematical Structures
- Python Programming
- Data Structure and Algorithms
- Operating Systems
- Database Systems

### Semester II

- Statistics for Data Science
- Software Engineering
- Computer Networks
- Programming in Java
- Elective One: Artificial Intelligence

## Year Two Learning

### Semester III

- Elective Two
- Elective Three
- Elective Four
- Elective Five
- Elective Six

### Semester IV

- Elective Seven
- Seminar
- Project Work

## Specialisation

- Artificial intelligence (AI) & Machine learning
- Cyber security

## Elective Courses

- Artificial intelligence (AI)
- Machine learning
- Cyber security
- Software QA and reliability
- Virtual and augmented reality
- Big data analytics
- Computer architecture
- Mobile application development
- Cyber forensics
- Blockchain technologies
- Data mining techniques

*Note : The sequence of the programme is subject to change, and the final schedule will be shared during the orientation session.*

# Credentials

- On successful completion of the programme, participants will receive a degree.
- The evaluation of participants will occur through a combination of an internal assessment worth 30% and an end-term examination worth 70%. Each participant must get an overall score of at least 50% in each subject.
- The Final Assessment Test (End term examination) will be conducted in centers in offline mode. Currently, VIT has 20 centers across India. VIT center list will be expanded.**



*Note: All certificate images are for illustrative purposes only and may be subject to change at the discretion of VIT.*

# Dive Deeper into the Learning Experience

VIT's MCA programme embraces a cutting-edge blended format, seamlessly merging the best of both worlds. Get access to bite-sized, pre-recorded videos by VIT faculty that cater to your schedule, allowing you to learn at your own pace. This is complemented by a weekly live session led by VIT's renowned faculty or subject matter experts for real-time interaction, insights and personalised guidance.

It's an approach designed to empower you with the best in education while accommodating the demands of your busy life.

## Orientation

Meet your teaching faculty and module mentors, understand the programme structure and gain access to the learning management system.



## Live Online Sessions

Connect with VIT faculty or course mentors each week over live online sessions. Get guidance on modules and real-world applications, and have your questions answered by these experts.

## Networking

Discover opportunities to network with like-minded individuals. Discuss concepts and real-world scenarios across different industries.

## Learn from Top Faculty

Get access to pre-recorded, high-definition videos for self-paced learning, featuring top VIT faculty. Engage with rich content across modules.

## Support Services

Stay on track with regular follow-ups from our student support team, encouraging you to attend live sessions and submit assignments on time.

## Graduation

Celebrate your academic achievement. Receive an industry recognized MCA degree from VIT, and advance your career goals.

### Note :

-Weekly live sessions or any other live interaction in this programme will be conducted by either faculty members or course mentors.

-Course mentors are subject matter/domain experts who will clear your doubts and guide you through your journey.

# Be a proud member of the VIT alumni network



Invitations to exclusive VIT alumni events and networking opportunities



An opportunity to gather with friends, faculty and staff members at the VIT Vellore campus on 26 January each year for the annual alumni meet



Access to 'TRACKS', an annual newsletter that records events and developments in VIT and the activities of the Alumni Association



An opportunity to receive the 'Distinguished Alumni Award' as an alumnus who has made a prominent contribution in the field of academics and research, corporate career, entrepreneurship or social development or the 'Young Alumni Achiever Award' as a successful alumnus below the age of 30 who has made significant strides in their area of expertise



Access to the VIT Alumni Association (VITAA) website that:

1. Maintains up-to-date information of alumni and their activities
2. Acts as a professional and personal platform (batchmates, seniors and juniors)
3. Increases the leverage of the alumni network for the benefit of the alumni
4. Improves the modes of alumni to alumni and VIT to alumni communications
5. Allows alumni to highlight their accomplishments in the 'Alumni Achievements' section
6. Permits alumni members to view jobs that other alumni post as well as post jobs for fellow alumni

# Meet Key Alumni



**Mr. Giri. K.K**  
*Global Delivery Head*

  
*L&T Technology Services*



**Mr. Balu Chaturvedula**  
*SVP & Country Head*

 *Global Tech India*



**Atandra Saurav Bhowal**  
*Senior Vice President &  
Regional Head*

  
*Reliance  
Jio*



**Mr. Utkarsh Dwivedi**  
*IAS*

*Note: All product and organisation names are trademarks or registered trademarks of their respective holders.  
Usage of them does not imply any affiliation with or endorsement by them.*



# Accelerate your career growth with Emeritus Career Services

## Note:

- The career services mentioned here are offered by Emeritus. These Career Services are offered as a service that empowers you to manage your career proactively.
- Placement assistance service is available only for Indian residents.
- Job placement assistance is focused for students with 0 to 5 years of experience.
- Vellore Institute of Technology or Emeritus does NOT promise or guarantee a job or progression in your current job. VIT is NOT involved in any way and makes no commitments regarding the career services mentioned here.

## Emeritus provides the following career services



Recorded session on LinkedIn profile building



Recorded session on Resume building



Recorded session on Interview preparation



Recorded Guest Sessions



Navigating Job Search



Job placement Assistance

# Essential Programme Details

Programme Fees	INR 1,60,000
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Tentative Lives Sessions Timing (Frequency: One hour/week/subject)  
Students can choose from these two batch options.

## Batch Details

Option 1 *	Monday to Friday: 8:00 PM - 9:00 PM
Option 2 *	Saturday: 9:00 AM - 12:30 PM and Sunday: 9:00 AM- 11:15 AM

**Please Note:** *The session timings for the programme may be subject to change. As the programme extends over a considerable duration, unforeseen circumstances such as faculty availability or other operational needs may necessitate adjustments to the schedule.*

**Programme Start Date :** Technical Orientation: 28 August 2025 and Academic Orientation: 31 August 2025

\*\*The start date of the programme is tentative and is subject to change based on University's decision

# Admission Process



# Fee Structure

## Programme Fee Instalment Schedule

### Fee schedule (option 1)

Particular	Fee
Year I - 1st and 2nd Semester Fee	INR 80,000
Year II - 3rd and 4th Semester Fee	INR 80,000

*Note: Year I Fee needs to be paid within 7 days post selection*

### Fee schedule (option 2)

Particular	Fee
1st Semester Fee	INR 40,000
2nd Semester Fee	INR 40,000
3rd Semester Fee	INR 40,000
4th Semester Fee	INR 40,000

*Note: 1<sup>st</sup> Semester Fee needs to be paid within 7 days post selection*

*Note: Any extra payment during the tenure of the programme will have to be borne by the students. (such as arrear fees, re-registration fees, payment gateway charges, taxes, etc.)*



## Documents Required

### Category: Indian Regular

- Passport-sized photo (in JPG format only)
- Digital signature
- Proof of age (10th Marksheets)
- 12th Marksheets
- ID Card (Aadhar Card)
- UG mark statements/UG consolidated mark statements
- UG provisional/UG degree
- Experience certificate (if any)
- Community certificate (for reserved category students only)

### Category: NRI/OCI/Foreign

- Passport-sized photo (in JPG format only)
- Digital signature
- 12th Marksheets
- Proof of age (First two pages of passport)
- Visa/NRI status of parent/candidate (for NRI candidates only)
- Proof of nationality (passport/birth certificate/national ID)
- UG mark statements/UG consolidated mark statements
- UG provisional/UG degree
- Experience certificate (if any)



# Learn from the Best

VIT Online Learning was started with the objective of offering online education to aspiring learners around the globe. This institute caters to the needs of students and working professionals interested in pursuing higher education at their own pace, and it provides flexibility in learning. The development in information and communication technologies paves the way for taking education to the doorstep of learners. It aims to create and offer programmes and courses in emerging areas with a focus on quality, adhering to the regulations of statutory bodies. It has state-of-the-art facilities for the development and delivery of online programmes. It uses experienced faculty members from academia and industry to offer the programmes. It is a new flagship offering that draws from the strength of VIT's rich academic history and experience.



Apply for  
the programme

[APPLY NOW](#)

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For registration and any other information, please get in touch  
with us at [programmes@vitonline.in](mailto:programmes@vitonline.in)

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