



**VIVEKANANDA GLOBAL  
UNIVERSITY, JAIPUR**

(Established by Act 11/2012 of Rajasthan Govt. Covered u/s 2 (f) of UGC Act, 1956)

ADMISSION OPEN

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ADMISSION

*Online*

# MCA

**Masters in Computer Applications**

**ON. VGU**  
ONLINE VGU  
Entitled by UGC

**CDOE** CENTRE FOR  
DISTANCE AND  
ONLINE  
EDUCATION  
Vivekananda Global University



**NAAC  
GRADE  
A**  
Accreditation University



**UGC**  
Entitled



**AICTE**

# ABOUT VGU

Vivekananda Global University is one of the leading private universities in India. VGU is a NAAC A+ accredited and UGC approved institution supplementing the young generation with a credible step forward in their careers. All programmes of VGU are UGC and other regulatory bodies approved. VGU is committed to providing excellence in education, research, consultancy, and the promotion of human advancement. We have set up thousands of benchmarks and created an impact on higher education unparalleled to any other. We have been proudly accoladed with the title of:

- The Most Preferred Private University Of The Year-WEST for 2 Consecutive Years.(2018/19)
- 4 Star Rated Green Campus by ASSOCHAM, India
- Acknowledged in the Forbes List 2018 Among 35 Institutes Across India
- Certified as a Global League Institute 2019-20, With rating of 4,1/5 based on the Student Satisfaction Survey



100+ Courses



25+ Incubated Start ups



5000+ Learners



1500+ Placements

## APPROVALS & ASSOCIATIONS



Online Programme  
Entitled by UGC

Accredited by National  
Assessment & Accreditation  
Council



All India Council for  
Technical Education

QS WORLD  
UNIVERSITY  
RANKINGS

QS ASIA UNIVERSITY RANKINGS - 2025



## APPROVALS & ASSOCIATIONS

Trust and Legacy built by VGU over the years is now extended to Online VGU, a state-of-the-art online higher education initiative that aims to deliver new-age degrees to learners with the promise of quality, flexibility, and accessibility. Get access to transformative knowledge at your comfort and the stellar credibility of one of the most renowned Universities in the country.

# Why choose us?

**Online Programme Entitled by UGC**  
(Certificate awarded by VGU Jaipur, rated A+ by NAAC.)



**Bespoke Industry-ready specialisation**  
(Make yourself industry ready by learning new-age future skill specialisations)



**Self-paced online degree**  
(Study while working. Learn from anywhere with optimum flexibility)



**Mentorship with Corporates**  
(Have corporate coaches, Industry experts, and faculties as your mentors)



**Live Sessions by Seasoned Faculties**  
(Enrich yourself with online classes conducted by Experienced faculties)



**AI Based Virtual Proctored Examination**  
(Appear in the Examination from any place through online)



**Career Support**  
(Get Career guidance from Eminent Industry Professionals)



**Dedicated Learner Support Service**  
(Personalized support through dedicated learner support team)



# Why MCA?



## MCA

Master of Computer Application

The two-year online professional postgraduate Master of Computer Applications course is designed considering the current market trends of the tech industry. The MCA master's degree teaches modern programming languages, data structure, and data analytics in detail. We offer learners an opportunity to implement their theoretical knowledge in the real world. Our Online MCA provides the flexibility of learning, interactive sessions with industry experts to upgrade learners their skills, stay relevant in a rapidly evolving field, and pursue lucrative career opportunities without interrupting their current commitments.

## Career Avenues

Software Developer/Programmer  
Chief Technology Officer (CTO)  
Technical Support Engineer  
Senior Software Developer  
Database Administrator  
IT Project Manager  
IT Consultant  
IT Director



## Eligibility

Passed any graduation degree (B.E. / B.Tech./B.Sc / B.Com. / B.A./ B. Voc./ BCA etc.,) preferably with Mathematics at 10+2 level or at Graduation level.

(for learners having no Mathematics background will have to mandatorily complete bridge courses offered by the University related to computer and mathematics subjects as per the norms University).

## Duration

2 Years/24 Months (4 Semesters) 4 yrs Maximum duration for completion

## Academic Fee

₹ 32,500 / Semester  
For National Applicant

₹ 65,000 / Semester  
For International Applicant

**Note:** Examination Fee Payable ₹ 1500/- Per Semester For Indian Learner

Examination Fee Payable ₹ 3000/- Per Semester For International Learner

# Program Structure – MCA

## Semester 1

Name of the Subject	Credits
Mathematical Foundation for Computer Application	3
Fundamentals of Computer and Programming in C	4
Operating Systems	3
Database Management System	4
Software Engineering and Project Management	3
Virtualization and Cloud Technology	3
Web Technology Lab	2
<b>TOTAL</b>	<b>22</b>

## Semester 2

Name of the Subject	Credits
Object Oriented Programming using Java	4
Data Structures and Algorithms using C	4
Computer Networks	4
Machine Learning with Python	5
Introduction to Data Science	3
Linux and Shell Programming	3
<b>TOTAL</b>	<b>23</b>

## Semester 3

Name of the Subject	Credits
Design & Analysis of Algorithm	3
Deep Learning	4
Natural Language Processing	4
Artificial Intelligence & Intelligent Agents	3
Cryptography & Network Security	4
Data Visualization	2
Universal Human Values*	3
<b>TOTAL</b>	<b>23</b>

Semester 4

Name of the Subject

Credits

CLOUD ARCHITECTURAL PATTERNS

Indian Knowledge System\*

Cloud Web Services

Cyber Crime and IT Law

Data Mining & Warehousing

Project:

Research Project/Industrial Project /  
Industry Internship/Project in an academic  
institute / lab of national importance  
(Research Publications)

3

3

3

3

2

8

**TOTAL**

**22**

\* Subject to Approval

**GRAND TOTAL : 90**

**“Books are infinite in number  
and time is short.  
The secret of knowledge  
is to take what is essential.  
Take that and try to live up to it.”**

*Swami Vivekananda*



# Academic Delivery Mechanisms



Live, Interactive Lectures  
by seasoned faculties



Industry Expert Sessions  
and Webinars



Pre. Recorded AV Content  
for Flexible Learning



Asynchronous Discussion Forum  
to Inculcate Peer Learning



Gamified Quizzes, MCQ's, Case  
Studies, Simulations & Projects



Flexibility to Learn Anytime,  
Anywhere through VGU-LMS



24x7 Learner Support  
Center & Mentors



# Internal ≡ Assessment

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Internal Assessment (30 Marks)

- ▶ Assignment 1 (10 Marks)
- ▶ Assignment 2 (15 Marks)
- ▶ Participation in overall Activities (5 Marks)

# End Term ≡ Examination

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End Term Examination (70 Marks)

- ▶ 49 MCQs (1 mark each)
- ▶ 3 Subjective Questions (7 marks each)

## **How to Apply?**



Visit <https://onlinevgu.com/> &  
Locate the Registration Portal



Fill your details and pay the  
registration fee



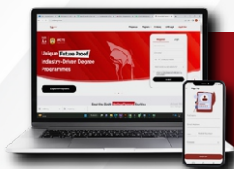
Pay the academic fee for the first  
semester/year or full program



Upload All Mandatory documents &  
submit your application



The university will verify your  
documents to confirm your admission



We help your dreams to become reality. Join our dynamic degree programs and learn out of the box from the best industry leaders.



**Get in touch**

Visit <https://onlinevgu.com/>  
Admission helpline No: +91 7411015741  
E-mail: [admission@onlinevgu.com](mailto:admission@onlinevgu.com)