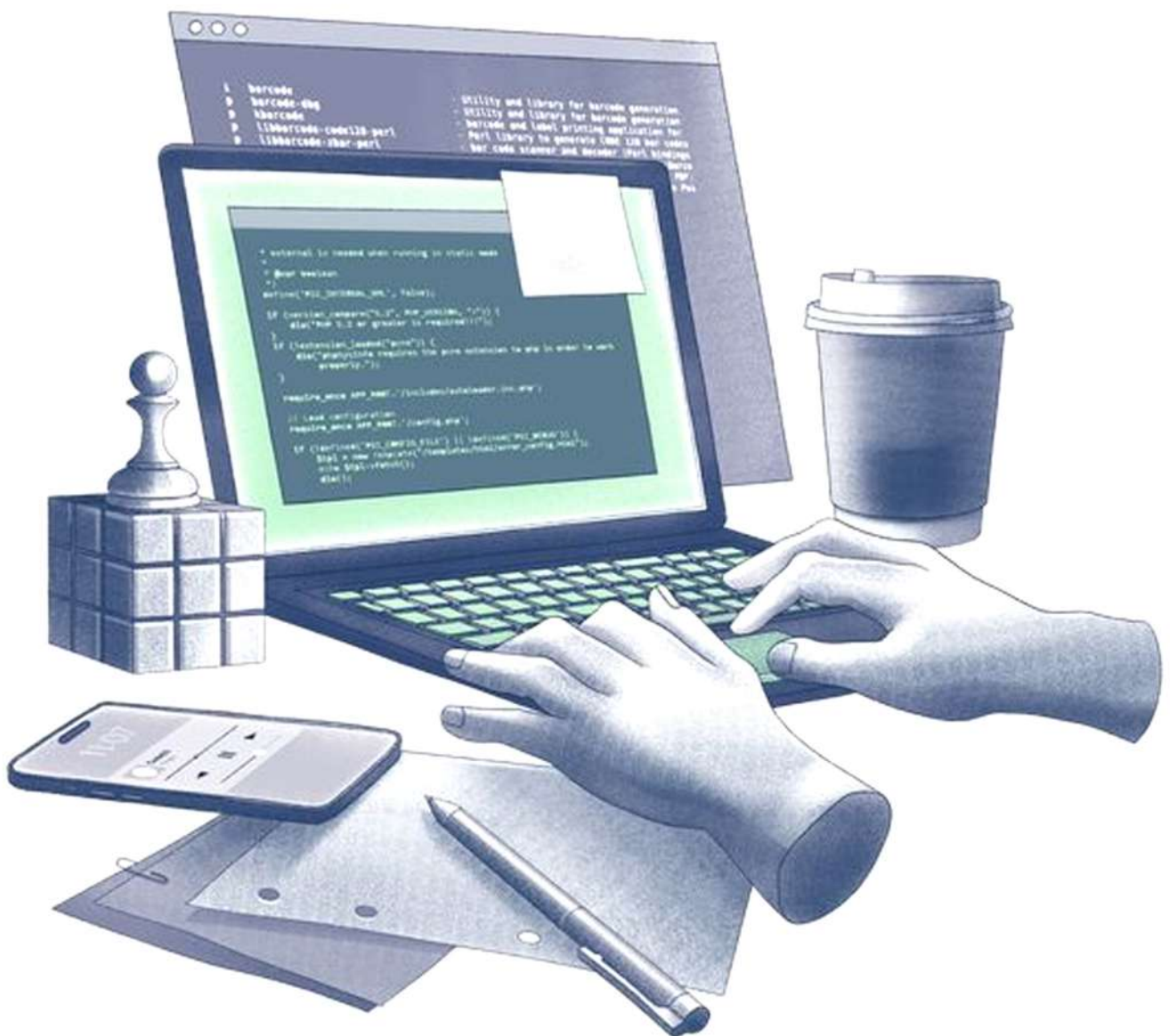


Master of Computer Application

M C A



Welcome to Learnwise!

Hi!

We are thrilled that you have decided to join us.

At Learnwise, we believe that everyone has a right to live a life of dignity and quality. We strive to provide quality learning solutions to anyone who wishes to pursue higher education regardless of their previous academic track record. If you're looking for an environment that not only supports education but also helps you gear towards your career goals, you are at the right place!

With our emphasis on job-readiness training and up-skilling, we not only help you get a degree but also provide you with unparalleled exposure into the field and help you acquire field-relevant skill-sets. Through-out your journey with us, our qualified Academic Mentors and dedicated Career Coaches ensure that all your individual learning and career needs are taken care of. When we promise you personalized interventions, we mean nothing short of expert companionship and scaffolding that anyone could ask for.

We look forward to serving you!

Warm regards,

[Muhammed A.](#)

Founder, Learnwise

About us

We are a team of passionate individuals educated from premier institutes across India, who feel grateful for the educational and career opportunities we've got and earnestly wish to create a platform that opens up such possibilities to anyone, regardless of their socio-cultural backgrounds and previous academic track records!

Learnwise is an Online Platform for Higher Education, that provides personalized learning support for pursuing UG and PG degrees from reputed universities through a consistent Mentorship program, all through a mobile application. Alongside learning, the program also takes care of the individuals' career needs through individually tailored Career Coaching, Job-Readiness Training and industry relevant add-on Up-Skilling programs.



Learnwise Academic Council

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Aseed Karim Hussain

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Delhi University

Sanjay Chullikkattu

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About IGNOU

For the present program, we have chosen IGNOU (Indira Gandhi National Open University) as the Institute we enroll our students with for obtaining their degrees. Along with registration with our learning program, the student enrolls with IGNOU as anyone would normally do. The difference here being that Learnwise will be supporting the student's learning whilst pursuing their degree from IGNOU.

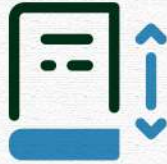
The Indira Gandhi National Open University is the world's largest University imparting education through open and distance mode. Established in 1985, IGNOU is an internationally awarded Central University which aims to provide quality higher education opportunities to all segments of the society. It is a University that constantly strives to raise the standards of distance education and actively researches best practices in open education. Currently, it has 21 schools of studies, 67 regional centers, 3500 study centres, 12 overseas study centers, and offers 200+ programs, ranging from certificate courses, diplomas, bachelors, masters to doctoral programs.



The Learnwise Edge



Recorded
Live Lectures



Value
Added Notes



Objective
Tests



Topic-wise
Assignments



Exampedia



Live Doubt-
Clearing Sessions



Regular
Mentorship
& Assistance



Performance
Tracking &
Personalized
Interventions



Provisions to
Connect with
Batchmates



Career
Assessment
& Guidance
Service



Upskilling
Programs



Job-Readiness
Training

Master of Computer Application

Affiliated to: IGNOU

Program Code: MCA_NEW

Minimum age: No bar

Maximum age: No bar

Eligibility: Passed BCA/Bachelor Degree in Computer Science, Engineering or Equivalent Degree OR Passed B.SC./B.Com./B.A. with Mathematics at 10+2 Level or at Graduation Level

Course Duration: Minimum 2 years, Maximum 4 years

Session starts: January & July of every year

The broad objective of the MCA programme is to prepare graduate students for productive careers in software industry and academia by providing an outstanding environment for teaching and research in the core and emerging areas of the discipline. The thrust of programme is on giving the students a thorough and sound background in theoretical and application oriented courses relevant to the latest computer software development. The programme emphasizes the application of software technology to solve mathematical, computing, communications / networking and commercial problems.

This Master's Degree Programme has been designed with a semester approach in mind. The first year courses are aimed at theoretical knowledge and practical skills development in core computers science subjects. The second year is more focused on advanced courses providing conceptual framework and the project work.

MCA Program Structure

The programme has been divided into two semesters per year (July to December and January to June). Consequently, there will be two examinations every year - one in the month of December for the July to December semester courses and the other in June for the January to June semester courses. The students are at liberty to appear for any of the examinations conducted by the University during the year subject to completing the minimum time framework and other formalities prescribed for the programme.

Master of Computer Applications Programme Structure

Semester I			
Course Code	Course Title	Theory/ Practical	Credits
MCS-211	Design and Analysis of Algorithms	Theory	4
MCS-212	Discrete Mathematics	Theory	4
MCS-213	Software Engineering	Theory	4
MCS-214	Professional Skills and Ethics	Theory	2
MCS-215	Security and Cyber Laws	Theory	2
MCSL-216	DAA and Web Design Lab	Practical	2
MCSL-217	Software Engineering Lab	Practical	2
Semester II			
MCS-218	Data Communication and Computer Networks	Theory	4
MCS-219	Object Oriented Analysis and Design	Theory	4
MCS-220	Web Technologies	Theory	4
MCS-221	Data Warehousing and Data Mining	Theory	4
MCSL-222	OOAD and Web Technologies Lab	Practical	2
MCSL-223	Computer Networks and Data Mining Lab	Practical	2
Semester III			
MCS-224	Artificial Intelligence and Machine Learning	Theory	4
MCS-225	Accountancy and Financial Management	Theory	4
MCS-226	Data Science and Big Data	Theory	4
MCS-227	Cloud Computing and IoT	Theory	4
MCSL-228	AI and Machine Learning Lab	Practical	2
MCSL-229	Cloud and Data Science Lab	Practical	2
Semester IV			
MCS-230	Digital Image Processing and Computer Vision	Theory	4
MCS-231	Mobile Computing	Theory	4
MCSP-232	Project	Project	12

Total Credits: 80

Total No. of Courses: 22

No. of Theory Courses: 15

No. of Practical Courses: 6

Project: 1



Learn. Up-Skill. Flourish.



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