

Delve Deeper

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Master of Computer Applications

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with an Elective in Data Analytics
(Accredited by IoA, UK)

 2 YEARS | UGC Entitled Online Degree Program

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Live Sessions

Self Learning Material

Discussion Forums

Online Exams

About the Elective

The Institute of Analytics (IoA) is the professional body for Analytics and Data Science professionals in UK and International.

The program meets the highest academic and quality standards and will provide an exemption from membership requirements and have access to the IoA resources and information services, professional development activities as well as careers advice and progression opportunities. The careers portal of IoA provides a wealth of free advice. The program is designed to meet a growing need for graduates with a sound education in business and the specialist skills to help organizations understand their customers, forecast future demand and use big data to make effective decisions. You will learn to use industry-standard analytics software and develop the mathematical skills required to gain insights from a range of data sources, including the internet and social media data. Input from the industry ensures the course content meets contemporary business needs.

Elective Highlights

- ◆ Addresses the need to propel information-gathering and data organization
- ◆ Understanding of how to exploit potential information and knowledge hidden in routinely collected data to improve decision-making
- ◆ IoA currently has 4,500+ members worldwide
- ◆ IoA works with Government, Academia and the Corporate Business Sectors to promote cooperation, research and employment growth in the Analytics & Data Science Sectors
- ◆ Gain a greater understanding of the impact that technological advances have on nature and practices adopted within the business intelligence and analytics practices, and know-how to adapt to these changes
- ◆ Opportunity to design, develop and execute project to demonstrate learning

Eligibility

Pass in an Undergraduate (Bachelor) Program of a minimum duration of Three (3) years in any stream from a UGC recognized University, with a minimum aggregate of 50% or an equivalent letter/numerical grade. A relaxation of 5% shall be given to SC/ST candidates.

Candidates who are in the final semester of the Bachelor Program are also eligible to apply.

Duration

2 Years (4 Semesters)

Fee Structure

One Time University Registration Fee	Tuition Fee	Annual Examination Fee
₹2,500	₹50,000 - Per Semester	₹3,000

Admission Process

- ▶ Enquire Now
- ▶ Talk to Our Counsellors for more details
- ▶ Apply for the Right Program
- ▶ Provisional Confirmation of Admission
- ▶ Document Verification
- ▶ Pay Tuition/Program fee
- ▶ Confirmation of Admission
- ▶ LMS Activation & Issue of Digital Identity Card
- ▶ Start your Pre-Semester Program
- ▶ Commencement of Live Online Sessions

Program Structure*

Semester 1	Semester 2	Semester 3	Semester 4
Mathematical Foundation for Computer Application	Relational Database Management System *	Application Development using Python *	Big Data - Hadoop *
Operating System and Unix Shell Programming *	Design and Analysis of Algorithms *	Advanced Web Technologies *	Artificial Intelligence *
Data Communication & Computer Networks	R Programming *	Machine Learning *	Deep Learning *
Data Structures with Algorithms *	Python Programming *	Natural Language Processing *	Computer Vision *
Computer Organization & Architecture	Structured Query Language *	Internet of Things *	Cross-Functional Elective Course
		Open Elective Course	Project **

* Courses which include Practicals (Lab Programs and Exercise)

** Project will be carried out between Sem 3 and Sem 4, but evaluation will reflect in Sem 4

IT ALL + ADDS UP



UGC Entitled Online Degree Programs



Collaborations with Global Professional Bodies



A Wide Range of Cross-functional
and Open Elective Courses



Learning Hours and Credits at par
with On-Campus Programs



Global Faculties



Learn Anytime, Anywhere and on Any device



Diversity - Learners from 43 + Countries



Innovative Learning Methodology



Access to 20,000 + LinkedIn Learning Courses



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25 Key Skills for Success



Personalized Support Through Dedicated
Program Managers



High Quality Global Standard Education
with Flexible Fee Payments



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