



JAIN (Deemed-to-be University)

NAAC A++, UGC-Entitled, NIRF #62

MCA - WLP

Type

Pg Program

Mode

Work-Linked

Duration

2 Years

Total fees

₹ 66,500

JAIN (Deemed-to-be University)

JAIN (Deemed-to-be University), based in Bengaluru, is a leading institution committed to academic excellence, innovation and holistic development. The University offers diverse programs across engineering, management, commerce, sciences, humanities, design and other disciplines. With a strong emphasis on research, entrepreneurship, sports and industry-focused education, it prepares students for evolving global opportunities. Its vibrant campuses bring together learners and faculty from diverse cultural and academic backgrounds. Through classroom, online and open-distance learning, JAIN provides accessible and future-ready education that empowers students to make a meaningful impact.

MCA - WLP

Highlights

- ◆ Structured digital modules paired with practical company-linked touchpoints for applied learning.
- ◆ The course brings attention to programming fundamentals, database management, web technologies, and software applications, helping learners understand how computer applications, programming, and IT systems works beyond theory.
- ◆ Workplace-linked exposure supports communication, accountability, and confidence in professional environments.
- ◆ Assignments and guided learning help connect subject knowledge with software requirements, data workflows, and user-facing digital systems.
- ◆ Creates a stronger foundation for domain-relevant opportunities in Software Engineer, Cloud Engineer, and Data Scientist and related software support, application development, IT operations, and systems-related roles, without promising outcomes, with added focus on analytical depth.

Learning outcomes

- ◆ Within MCA - WLP from JAIN (Deemed-to-be University), analyze software requirements, data workflows, and user-facing digital systems using concepts from programming fundamentals, database management, web technologies, and software applications.
- ◆ Apply subject knowledge to solve application development, database handling, and technology troubleshooting tasks with greater structure and clarity.
- ◆ Evaluate technology choices that consider usability, performance, and maintainability while considering logic, accuracy, security awareness, and user focus.
- ◆ Create or present programs, database designs, web pages, and technical documentation with clear structure and practical relevance.
- ◆ Connect digital learning with internship or company-linked exposure to understand workplace expectations in computer applications, programming, and IT systems, while strengthening analytical depth.

Eligibility Criteria

The minimum qualification required to be eligible for admission is a Degree from a recognized University with a minimum of 50% of total marks obtained (45% for SC/ST) in the cognate/related subjects in the entire degree course.

Curriculum Overview

Semester I (9 subjects)

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|---|---|
| ◆ Object Oriented Programming Using Java | ◆ Computer Architecture |
| ◆ Data Structures and Algorithms | ◆ Object -Oriented Programming using Java Lab |
| ◆ Operating Systems using Linux | ◆ Data Structures and Algorithms Lab |
| ◆ Computer Networks | ◆ Operating Systems and Computer Networks Lab |
| ◆ Mathematical Foundation for Computer Applications | |
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Semester II (9 subjects)

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|-------------------------------|-----------------------------------|
| ◆ Project - I | ◆ Introduction to Big Data |
| ◆ Database Management Systems | ◆ Database Management Systems Lab |
| ◆ Software Engineering | ◆ Software Engineering Lab |
| ◆ Web Technology | ◆ Web Technology Lab |
| ◆ Artificial Intelligence | |



Curriculum Overview (continued)

Semester III (9 subjects)

- ◆ NO SQL databases
 - ◆ Python Programming
 - ◆ Machine Learning
 - ◆ Data Warehousing and Data Mining
 - ◆ Introduction to IOT / Service Oriented Architecture / Advanced Computer Architecture
 - ◆ Organizational Behaviour/ Psychology and Life Skills
 - ◆ NO SQL databases Lab
 - ◆ Python Programming Lab
 - ◆ Machine Learning Lab
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Semester IV (3 subjects)

- ◆ Software Testing / Introduction to Data Science/ Agile Methodology
- ◆ Research Methodology
- ◆ Project - II

Fee Structure

Fee heads	Year 1	Year 2	Total
Registration/Application Fee (One Time)	₹ 500	—	₹ 500
Examination Fee	₹ 3,000	₹ 3,000	₹ 6,000
(Students & Working Professionals) Fee	₹ 5,000	₹ 5,000	₹ 10,000
Course Fee	₹ 25,000	₹ 25,000	₹ 50,000
Total	₹ 33,500	₹ 33,000	₹ 66,500