



Jamia Hamdard

NAAC A+, UGC-Entitled, NIRF Pharmacy #1, Times Higher Education

#401-500

MCA

Type

Pg Program

Mode

Online

Duration

2 Years

Total fees

₹ 87,500

Jamia Hamdard

The history of Jamia Hamdard begins with the establishment of a small Unani clinic in the year 1906 by Hakeem Hafiz Abdul Majeed, one of the well-known practitioners of Unani System of Medicine of his time. Hakeem Hafiz Abdul Majeed had a vision of making the practice of Unani Medicine into a scientific discipline so that Unani medicines could be dispensed in a more efficacious manner to patients. He gave the name "Hamdard" to his venture which means "sympathy for all and sharing of pain". His illustrious son, Hakeem Abdul Hameed, carried forward the philosophy and objectives of Hamdard in independent India. Jamia Hamdard was inaugurated by Late Shri Rajiv Gandhi on August 01, 1989 and was conferred the status of a Deemed University by the Government of India.

Key features

- ◆ NIRF (University) Rank: 40
- ◆ QS World Universities Rank: 1201-1400
- ◆ Expert Faculty
- ◆ Industry-Relevant Curriculum
- ◆ Diverse Degree Programs
- ◆ NAAC A+ University | UGC Entitled

MCA

Highlights

- ◆ Advanced Tech Curriculum
-

- ◆ Real-Time Projects
-

- ◆ Career-Focused Training
-

- ◆ Expert-Led Sessions

Learning outcomes

- ◆ Programming Proficiency
-

- ◆ Algorithmic Problem-Solving
-

- ◆ Emerging Tech Application
-

- ◆ Tech Project Leadership
-

- ◆ IT Career Competence

Eligibility Criteria

Bachelor's degree (B.E. / B.Tech./ B.Sc / B.Com. / B.A./ B. Voc./ BCA etc.,) preferably with

*Mathematics at 10+2 level or Graduation level

Obtained at least 50% marks (45% marks in case of candidates belonging to reserved category SC/ST/OBC/physically challenged) at qualifying examination (Graduation level)

For candidates having no Computer or Mathematics background, a Bridge course(s) will be applicable as follows: a) No Mathematics background: One Non-Credit Elementary

Mathematics course qualifying in nature. b) No Computer background: One non-credit basic

Computer Application/IT course c) No Mathematics and No Computer background: One Non-credit Elementary Mathematics and one Non-credit basic Computer Application/IT course

[*Mathematics/ Business Mathematics/Statistics iii. For candidates having no Computer or

Mathematics background, a Bridge course(s) will be applicable as follows: a) No Mathematics background: One Non-Credit Elementary Mathematics course qualifying in nature. b) No

Computer background: One non-credit basic Computer Application/IT course c) No

Mathematics and No Computer background: One Non-credit Elementary Mathematics and one Non-credit basic Computer Application/IT course [*Mathematics/ Business

Mathematics/Statistics Quantitative Technique/] There will be an additional fee of Rs.2,000/-

from the students with non-mathematics and non-computer science/IT background for the

Bridge Courses which he need to complete in sem 1. Technique/] There will be an additional fee

of Rs.2,000/- from the students with non-mathematics and non-computer science/IT

background for the Bridge Courses which he need to complete in sem 1.



Curriculum Overview (continued)

Semester I (8 subjects)

- | | |
|--|--|
| ◆ Object oriented programming | ◆ Data Communication and Computer Networks |
| ◆ Computer Organization and Architecture | ◆ Communication Skills |
| ◆ Database Management Systems | ◆ 'OO Programming Lab |
| ◆ Software Engineering | ◆ Database Management Systems Lab |
-

Semester II (8 subjects)

- | | |
|--|------------------------|
| ◆ Mathematical Foundations for Computer Applications | ◆ PE - 1 |
| ◆ Data Structures | ◆ PE - 2 |
| ◆ Java Programming | ◆ Data Structures Lab |
| ◆ Operating Systems | ◆ Java Programming Lab |
-

Semester III (7 subjects)

- | | |
|-------------------------------------|--------------------|
| ◆ Design and Analysis of Algorithms | ◆ OE |
| ◆ Artificial Intelligence | ◆ AI Lab |
| ◆ PE - 3 | ◆ Lab based on SEE |
| ◆ SEE | |



Curriculum Overview (continued)

Semester IV (1 subject)

- ◆ Dissertation/Industrial Project
-

Program Electives (PE) (9 subjects)

- | | |
|--|-------------------------------------|
| ◆ Formal Languages and Automata Theory | ◆ Knowledge discovery |
| ◆ Compiler Design | ◆ Soft Computing |
| ◆ Distributed systems | ◆ Machine Learning |
| ◆ Data science | ◆ Cryptography and Network Security |
| ◆ Data Mining | |
-

Skill Enhancement Electives (SEE) (3 subjects)

- | | |
|------------------------------|-----------------------|
| ◆ Android Programming | ◆ ASP.net Programming |
| ◆ Linux and Unix Programming | |
-

Open Electives (OE) (3 subjects)

- | | |
|---------------------------------|---|
| ◆ E-Governance and Smart City | ◆ Sustainable Development and Green Computing |
| ◆ Cyber physical system and IoT | |

Fee Structure

Fee heads	Year 1	Year 2	Total
Registration/Application Fee	₹ 500	—	₹ 500
Program Fee	₹ 43,500	₹ 43,500	₹ 87,000
Total	₹ 44,000	₹ 43,500	₹ 87,500