



Jamia Hamdard
Deemed to be University
Accredited in 'A' Grade by NAAC
Declared to be designated as Institute of Eminence (IoE) by MHRD, GOI

Bachelor of Computer Applications (BCA)

ONLINE DISTANCE EDUCATION

About University: - Is an institute of higher education deemed to be university located in New Delhi, India. It is a government-funded university. Established in 1989. In 2019 it was awarded the institute of Eminence Status by Ministry of Human Resources Development.

Ranking

QS World University Ranking ranked Jamia Hamdard 301-350 in Asia in 2020

National Institutional Ranking Framework (NIRF): - 21st among universities and first in the pharmacy

Program Objective

The Program aims to meet the manpower requirement of the fast developing software industry. Students are exposed to all aspects of computer applications. Practical skills are provided in website development.



Duration of the program

3 Years (6 Semesters)

Eligibility

10+2 pass or equivalent from a recognized board

Course Fees

16500/ per semester.

Program Structure:

First Semester

Course code	Title of the Course
BCA-D-101	Introduction to 'C' Programming
BCA-D-102	Computer System Architecture
BCA-D 103	Mathematical Foundation of Computer Science
BCA-D 104	Communication Skills
BCA-D 105	Media and Information Literacy Communication
BCA-D 106	C' Programming Lab
BCA-D 107	Computer System Architecture Lab

Second Semester

Course code	Title of the Course
BCA-D 201	Introduction to Data Structures
BCA-D 202	Data communication and Computer Networks Basics
BCA-D 203	Fundamental Concepts of Operating Systems
BCA-D 204	Elementary Physics
BCA-D 205	Data Structures Lab
BCA-D 206	Unix/Linux Lab
BCADES	Environmental Sciences

Third Semester

Course code	Title of the Course
BCA-D 301	BCAD - Introduction to Object Oriented Programming
BCA-D 302	Introduction to Database Management System
BCA-D 303	Discrete Structures
-	PE – 1
BCA-D 304	'C++' Programming Lab
BCADB 305	Database Management System Lab

Fourth Semester

Course code	Title of the Course
BCA-D 401	Fundamentals of Probability and Statistics
BCA-D 403	Introduction to Artificial Intelligence
-	SEE – 1
-	OE – 1
BCA-D 403	Artificial Intelligence Lab
BCA-D 404	Lab based on SEE – 1

Fifth Semester

Course code	Title of the Course
BCAD 501	Fundamentals of Software Engineering
-	PE – 2
-	SEE – 2
-	OE – 2
BCAD 502	Software Engineering Lab
BCAD 503	Lab based on SEE – 2

Sixth Semester

Course code	Title of the Course
BCAD 601	Project work

Fee Structure

	Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI
Registration/Application Fee (One Time)	₹.500/-	-	-	-	-	-
Program Fee	₹.14,000/-	₹.14,000/-	₹.14,000/-	₹.14,000/-	₹.14,000/-	₹.14,000/-
Examination Fee	₹.2,000/-	₹.2,000/-	₹.2,000/-	₹.2,000/-	₹.2,000/-	₹.2,000/-
Annual Fee	₹.16,500/-	₹.16,000/-	₹.16,000/-	₹.16,000/-	₹.16,000/-	₹.16,000/-
Total Fees	₹.96,500/-					