



Dr. Homi Bhabha State University

UGC-Entitled, Cluster of 4 NAAC A Grade Constituent Colleges

# B.Sc (Business AI)

Type

Ug Program

Mode

Campus

Duration

3 Years

Total fees

₹ 320,440

# Dr. Homi Bhabha State University

Dr. Homi Bhabha State University is a multidisciplinary state university established by the Government of Maharashtra. Located in Mumbai, the university brings together several historic constituent institutions, including the Institute of Science, Elphinstone College, Sydenham College, Secondary Training College, SIMSREE and the Institute of Forensic Science. Drawing upon their long-standing academic legacy, the university integrates science, technology, commerce, management, humanities and interdisciplinary education. Its NEP 2020-aligned ecosystem emphasises flexible learning, practical skills, research, innovation and industry engagement.

# B.Sc (Business AI)

## Highlights

- ◆ A work-linked format that makes business AI, analytics, and technology-enabled decision-making more applied through digital study and practical exposure.
- ◆ Learners engage with Foundations of Computer Science, Programming Fundamentals Using C, Statistics Foundation with R, and Fundamentals of Python Programming, with emphasis on concepts that can be seen in professional settings.
- ◆ Company-linked or internship exposure helps students understand workplace expectations and role discipline.
- ◆ Flexible structure allows learners to continue academic progress while gaining practical awareness.
- ◆ Builds a more rounded profile by combining knowledge, application, and employability-focused skills, with added focus on ethical awareness.

## Learning outcomes

- ◆ Within B.Sc (Business AI) from Homi Bhabha State University, interpret key ideas in business AI, analytics, and technology-enabled decision-making and relate them to business processes, digital workflows, and AI-supported decisions.
- ◆ Solve structured problems involving technology-led business challenges and opportunities for smarter operations through appropriate concepts and methods.
- ◆ Assess AI use cases with business value, feasibility, and ethical considerations with attention to practicality, responsible use, and business impact.
- ◆ Communicate insights through AI use-case notes, analytical project plans, and digital business recommendations suited to the discipline.
- ◆ Practice professional communication, accountability, and applied problem-solving through work-linked learning contexts, while strengthening ethical awareness.

## Eligibility Criteria

Candidates must have completed 10+2 or equivalent from a recognized board with a minimum of 50% aggregate marks. Students from any stream (Science, Commerce, or Arts) can apply for this program.

## Curriculum Overview

### **Semester I (9 subjects)**

- ◆ Foundations of Computer Science
- ◆ Programming Fundamentals Using C
- ◆ Statistics Foundation with R
- ◆ Fundamentals of Python Programming
- ◆ Introduction to Business
- ◆ Indian Knowledge System
- ◆ Environmental Science
- ◆ Communicative English
- ◆ Skill Enhancement /Apprenticeship/Field projects/CES/Software Tools/Industry projects



## Curriculum Overview (continued)

### Semester II (9 subjects)

- ◆ C Programming
- ◆ Python Programming
- ◆ Introduction to Service Sector
- ◆ Data Structures
- ◆ Generative AI Skills
- ◆ Science & Technology in Ancient India
- ◆ Constitution of India
- ◆ Communicative English - II
- ◆ Skill Enhancement /Apprenticeship/Field projects/CES/Software Tools/Industry projects

### Semester III (7 subjects)

- ◆ Introduction to Business Analytics
- ◆ Introduction to Artificial Intelligence
- ◆ Statistical Computing
- ◆ Business Intelligence & Dashboarding
- ◆ Fundamentals of Digital Marketing
- ◆ Digital & Technological Solutions
- ◆ Skill Enhancement /Apprenticeship/Field projects/CES/Software Tools/Industry projects



## Curriculum Overview (continued)

### Semester IV (7 subjects)

- ◆ Introduction to Machine learning
- ◆ DBMS with SQL
- ◆ AI for Business Strategy and Management
- ◆ Predictive Analytics & Forecasting
- ◆ Organizational Psychology
- ◆ C 2 C- Essential Skills
- ◆ Skill Enhancement /Apprenticeship/Field projects/CES/Software Tools/Industry projects

### Semester V (7 subjects)

- ◆ Applied Machine Learning for Business Decision-Making
- ◆ Business Applications of Natural Language Processing
- ◆ AI Deployment
- ◆ MLOps & Scalable Solutions
- ◆ Business Intelligence & Data Warehousing
- ◆ E-Commerce
- ◆ Skill Enhancement /Apprenticeship/Field projects/CES/Software Tools/Industry projects



## Curriculum Overview (continued)

### Semester VI (8 subjects)

- ◆ AI in Marketing and Sales
- ◆ AI in Finance and Fintech
- ◆ Data Visualization and Story Telling
- ◆ AI Business Case Studies and Projects
- ◆ AI Ethics
- ◆ Governance and Social Impact
- ◆ Skill Enhancement /Apprenticeship/Field projects/CES/Software Tools/Industry projects



## Fee Structure

| Fee heads        | Year 1           | Year 2           | Year 3           | Total            |
|------------------|------------------|------------------|------------------|------------------|
| Application Fees | ₹ 1,000          | —                | —                | ₹ 1,000          |
| 1st Year Fees    | ₹ 107,680        | —                | —                | ₹ 107,680        |
| 2nd Year Fees    | —                | ₹ 105,880        | —                | ₹ 105,880        |
| 3rd Year Fees    | —                | —                | ₹ 105,880        | ₹ 105,880        |
| <b>Total</b>     | <b>₹ 108,680</b> | <b>₹ 105,880</b> | <b>₹ 105,880</b> | <b>₹ 320,440</b> |

## Career & Placement highlights



**100%**

of graduates placed