ACHARYA INSTITUTE OF GRADUATE STUDIES

ACHARYA

Affiliated to BCU

NAAC A+ ACCREDITED

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Acharya Institute of Graduate Studies (AIGS), established in 2005, is one of Bengaluru's leading graduate colleges, committed to delivering industry-aligned undergraduate and postgraduate education. With innovative programs across sciences, technology, commerce, management, design, and languages, AIGS focuses on practical learning, career readiness, and holistic student development.



- Learn from experienced faculty with strong academic and industry exposure.
- Gain practical advantage through certifications such as AWS, ACCA, and other skill-based programs.
- Access global exposure through international immersion and collaborative learning opportunities.
- Benefit from personalized mentorship and a digitally rich library ecosystem.
- Achieve strong career outcomes with 550+ recruiters visiting annually for placements.

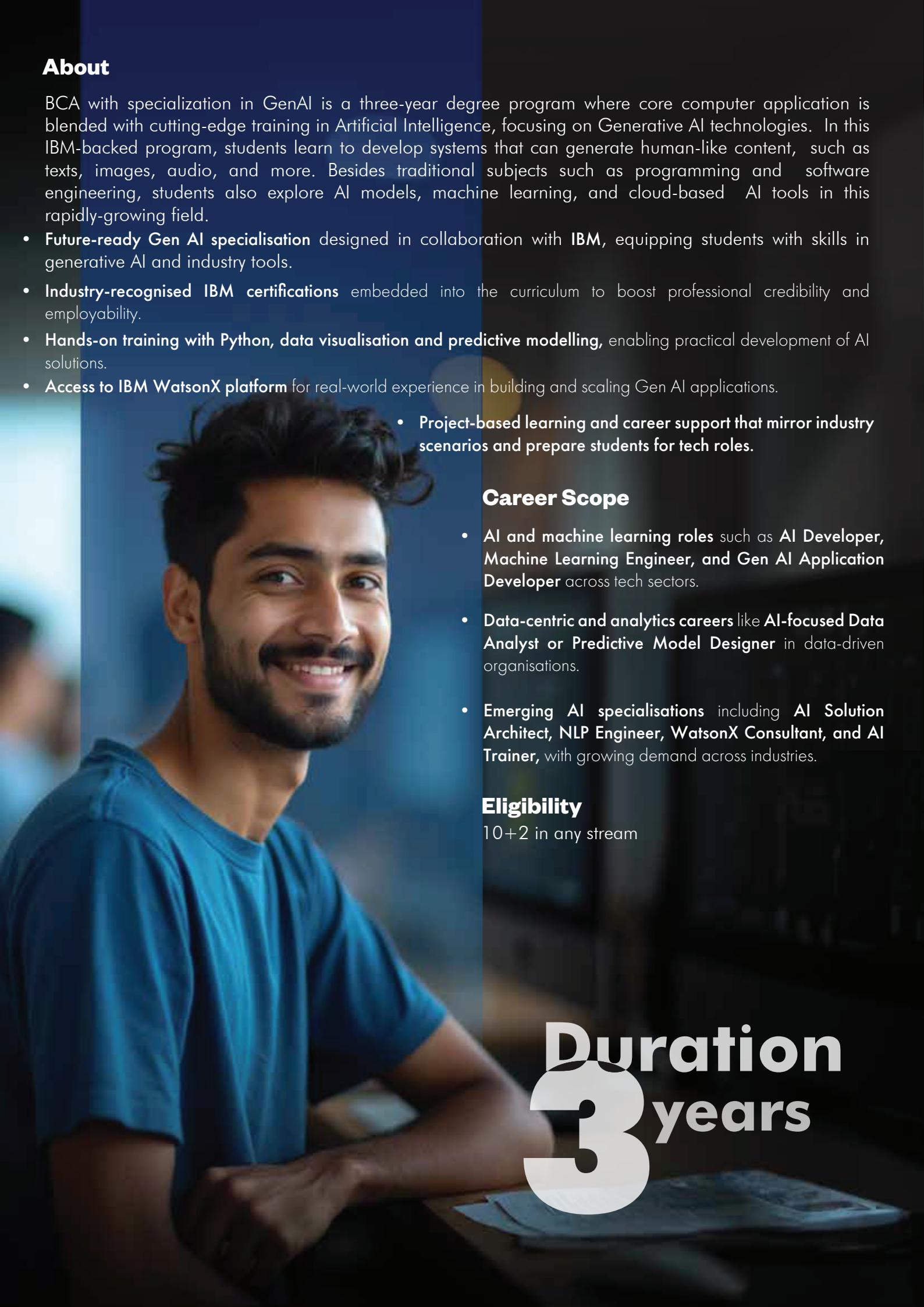
B.C.A GEN AI

Powered by IBM

About

BCA with specialization in GenAI is a three-year degree program where core computer application is blended with cutting-edge training in Artificial Intelligence, focusing on Generative AI technologies. In this IBM-backed program, students learn to develop systems that can generate human-like content, such as texts, images, audio, and more. Besides traditional subjects such as programming and software engineering, students also explore AI models, machine learning, and cloud-based AI tools in this rapidly-growing field.

- **Future-ready Gen AI specialisation** designed in collaboration with **IBM**, equipping students with skills in generative AI and industry tools.
- **Industry-recognised IBM certifications** embedded into the curriculum to boost professional credibility and employability.
- **Hands-on training with Python, data visualisation and predictive modelling,** enabling practical development of AI solutions.
- **Access to IBM WatsonX platform** for real-world experience in building and scaling Gen AI applications.
- **Project-based learning and career support that mirror industry scenarios and prepare students for tech roles.**



Career Scope

- **AI and machine learning roles** such as **AI Developer, Machine Learning Engineer, and Gen AI Application Developer** across tech sectors.
- **Data-centric and analytics careers** like **AI-focused Data Analyst or Predictive Model Designer** in data-driven organisations.
- **Emerging AI specialisations** including **AI Solution Architect, NLP Engineer, WatsonX Consultant, and AI Trainer,** with growing demand across industries.

Eligibility

10+2 in any stream

Duration

3 years

COURSE CONTENT

Semester 1

- Problem Solving Techniques Using C
- Computer Organization and Architecture
- Discrete Mathematics
  - IBM CE - Software
  - Foundation Course - Basic

Semester 2

- Data Structures using C
- Data Base Management Systems
- Numerical and Statistical Methods
  - IBM CE DBMS,MySQL and SQLite

Semester 3

- OOPs Using C++
- Financial Accounting and Management
- Operating Systems
  - Data Visualization using R
  - Python
  - Watson Studio

Semester 4

- Visual Programming
- Unix Shell Programming
- Operation Research
  - IBM Watson Services

Semester 5

- Data Communications and Networks
- Software Engineering
- Computer Architecture
- Java Programming
- Microprocessor and Assembly Language
  - Project
  - Skill Development Course
  - Spark and Scala Fundamentals

Semester 6

- Theory of Computations
- Systems Programming
- Cryptography and Network Security
- Web Programming
  - Capstone Project
  - Skill Development Course
  - Preductive Modeling using SPSS Modeler

ENRICHMENT PROGRAM CONTENT

- **1st Sem** : Python Programming
- **2nd Sem** : CLOUD Fundamentals
- **3rd Sem** : DATA Visualization
- **4th Sem** : Predictive Modelling
- **5th Sem** : WATSON Services
- **6th Sem** : GenAI using WatsonX

FEE STRUCTURE

Refer offer letter for the actuals.

Inclusions : Tuition Fee, University Registration, Eligibility Fee, Miscellaneous Fee, Laboratory Fee, Library Fee and Sports Fee.

Exclusions : Uniform & Stationery.
Examination fee as prescribed by the University / Board.

Students are offered complimentary Tab, Cocube (one time), Domain Skills, OBT, Softskills, Global Immersion Program & Linkedin Learning Licence.



Acharya Legacy

Founded in 1990, Acharya aims to revolutionize education. With over 12,000 students and 100+ academic programs annually, it stands among the global education elite. Located in India's technical hub, Bangalore, Acharya prioritizes innovation and knowledge. The institution fosters experiential and collaborative learning, shaping well-rounded individuals, evident in its diverse student population from 75+ countries.

11 Institutions

15 Research Centers

100+ Programmes

75+ Nationalities

12000+ Students

1000+ Eminent Faculty

120 Acres State-of-the-Art Campus



B Premnath Reddy
Founder Chairman
Acharya Group

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Academic Studio



Collaboration



Center of Excellence



Clubs



Digital Library



Laboratories



Research



Sports



Hostels



Habba



PROGRAMS OFFERED

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