



ACHARYA INSTITUTE OF GRADUATE STUDIES

Affiliated to BCU



- Engage with renowned faculty and access LinkedIn extensive programs.
- Gain hands-on experience with certifications in AWS, ACCA, and more.
- Expand horizons with international immersion and global exposure.
- Benefit from personalized mentorship for tailored academic support.
- Access a digital library with rich resources for research and growth.
- Enjoy top sports facilities and expert training for holistic development.
- Achieve career success with 550+ companies visiting for placements annually.

B.C.A
CLOUD COMPUTING



About

The Bachelor of Computer Applications with a focus on Cloud Computing is an industry-aligned course crafted by experts for optimal learning and career advancement. The cloud allows users to access computing resources like data storage and processing power on-demand, without direct management. Just as the Cloud's implementation is vast, its career prospects are diverse. Our collaboration with Cloud That further empowers students with valuable industry insights. This partnership with Cloud That also provides internships and job placement aid, facilitating students in acquiring work experience and transitioning seamlessly into the workforce post-training.

Career Scope

The cloud is a powerful and expansive technology that is set to continue its growth, presenting numerous opportunities for graduates entering this field. As one of the most promising and rewarding areas in technology, it offers a wide array of career options. Potential career paths include cloud solutions architect, cloud developer, cloud security specialist, and cloud engineer, as well as roles such as DevOps engineer, data engineer (cloud), cloud consultant, cloud sales specialist, cloud trainer or educator, and cloud project manager. This diversity allows professionals to find a niche that aligns with their skills and interests while contributing to the evolving landscape of cloud technology.

Eligibility

Pass in Pre-University / Higher Secondary / 10+2 / 'A' Level or equivalent of any recognized board or council in any discipline with English as one of the languages.

Or

Pass in Three-years Diploma in Engineering (technical course only) recognized by Board of Technical Education, Govt. Of Karnataka

Duration
3 years

COURSE CONTENT

Semester 1

- Problem Solving Techniques Using C
- Computer Organization and Architecture
- Discrete Mathematics
 - Azure Fundamentals
 - Azure Data Fundamentals

Semester 2

- Data Structures using C
- Data Base Management Systems
- Numerical and Statistical Methods
 - Security, Compliance, and Identity Fundamentals
 - Azure AI Fundamentals

Semester 3

- OOPs Using C++
- Financial Accounting and Management
- Operating Systems
 - Azure Developer Associate
 - Azure Data Scientist Associate

Semester 4

- Visual Programming
- Unix Shell Programming
- Operation Research
 - Azure Database Administrator Associate
 - Azure Data Engineer Associate
 - Skill Development Course

Semester 5

- Data Communications and Networks
- Software Engineering
- Computer Architecture
- Java Programming
- Microprocessor and Assembly Language
 - Project
 - Skill Development Course
 - Azure Security Engineer Associate

Semester 6

- Theory of Computations
- Systems Programming
- Cryptography and Network Security
- Web Programming
 - Capstone Project
 - Skill Development Course



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 Faculties

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



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