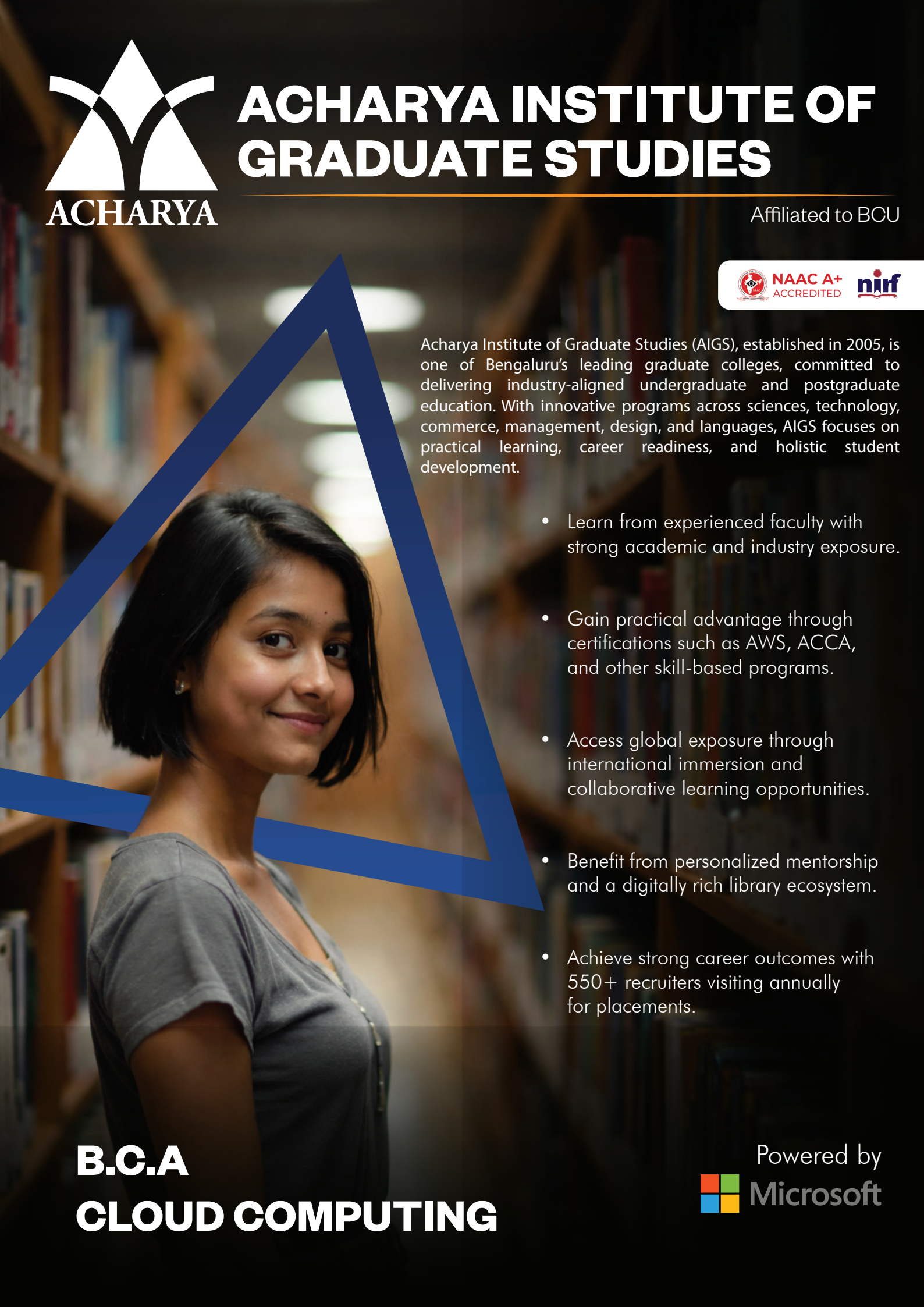
ACHARYA INSTITUTE OF GRADUATE STUDIES

ACHARYA

Affiliated to BCU

NAAC A+ ACCREDITED

nirf



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
CLOUD COMPUTING

Powered by Microsoft

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.

- **Industry-aligned cloud computing curriculum** designed to build expertise in cloud concepts, models and on-demand computing services.
- **Earn a Cloud Computing certification** through a collaboration with **CloudThat,** boosting practical skills and employability.
- **Exposure to emerging technologies** like IoT, Power Platform, DevOps and security frameworks as part of hands-on learning.
- **Practical application development focus** where students create dashboards, secure cloud solutions and real-world implementations.
- **Seamless transition to industry roles** with internship support and professional preparation embedded in the programme.



Career Scope

- **Cloud architecture & engineering roles –** Opportunities as **Cloud Solutions Architect, Cloud Engineer, Cloud Developer** and Cloud Security Specialist.
- **DevOps & specialist careers –** Careers such as **DevOps Engineer, Data Engineer (Cloud), Cloud Consultant** supporting modern cloud-centric IT environments.

Tech leadership & training pathways – Scope as **Cloud Project Manager, Cloud Trainer/Educator** or advanced roles with further study in cloud and distributed systems.

Eligibility

10+2 in any stream

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

ENRICHMENT PROGRAM CONTENT

- **1st Sem** : IT Fundamentals
- **2nd Sem** : AZURE Fundamentals and AZURE Administration (PART 1)
- **3rd Sem** : AURE Administration (PART 2)
- **4th Sem** : AZURE Developer(PART 1)
- **5th Sem** : AZURE Developer(PART 2)
- **6th Sem** : CAPSTONE Project Development 1 and 2

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

Acharya Offerings - click on each to know more... »

Academic Studio



Collaboration



Center of Excellence



Clubs



Digital Library



Laboratories



Research



Sports



Hostels



Habba



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