

Step
to
future

BCA/B.Sc + CLOUD COMPUTING & CYBER SECURITY



Cloud Computing is one of the latest trends in technology and it aims at making people's lives easier. It mostly focuses on storing huge amount of data on the internet so users can get easy access anytime and anywhere from any device. Cloud storage is being used by individuals, governments, private companies etc. There are separate secure servers that manage all the data and it allows organizations to save heavily on data storage costs. Cloud computing has not only made online data storage and access possible but also has led to the birth of cloud based apps and editing software. You can directly edit your files on the go and do not have to download them and re-upload for the changes to take effect.

The specially designed add-on course on Cloud Computing & Cyber Security deals with the development of cloud-based software by using remote servers via the internet. The students will be studying about the software that are used to develop cloud-based technologies and learn to deploy them on the servers via the internet. The course will impart the skills to the students of various cloud-based technologies. It aims to develop the skills related to cloud computing services and security.

Career Options

There are vast career options open to professionals and with the right skills; they can find jobs in several roles like Cloud Software Engineers, Cloud Systems Managers etc. There is a huge demand for professionals who are adept in cloud computing and it's not only for technical roles but also for management roles like business analysts, product/sales managers etc. The number of job options can grow exponentially as more businesses adopt cloud computing for their business needs. Network security is one of the biggest concerns and security professionals are expected to be in demand as the need for more network security.

Job Roles

Cloud computing and Cyber Security professionals are required in all areas of the business world. A few are listed below:

- Cloud Software Engineers
- Cloud System Managers
- Network security professional
- Network Analyst

Areas of expertise

- Networking
- Virtualization
- Virtual Machines
- Cloud Computing
- Microsoft Azure
- Data back-up & recovery
- Python programming
- Cyber Security
- Cyber laws
- Cyber forensic, etc.

Areas of application

- Data Storage
- Business Applications
- Education based applications
- Entertainment applications
- E-commerce applications
- Antivirus applications
- Software security
- Risk management, etc.

Prime recruiters in this field

- Accenture
- Tata Consultancy Services
- IBM
- Oracle
- Capgemini
- Job roles
- Cloud administrator
- Cloud developer
- Cloud architect
- Cloud Security Analyst
- Penetration tester
- IT security specialist
- Network security engineer, etc.

Certification: GITH Certified International Certification

| | I SEM | II SEM | III SEM | IV SEM | V SEM | VI SEM | TOTAL |
|----------------------|-------|--------|---------|--------|-------|--------|--------|
| FEE STRUCTURE | 98800 | 49800 | 32800 | 32800 | 32800 | 32800 | 279800 |

ADDNL IN I SEMESTER CAUTION DEPOSIT: 1000 APPLICATION: 500 ID CARD: 180 CAP: According to University fee

Nellikuzhi PO, Kothamangalam,
Ernakulam Dist. Kerala, Pin-686691

Contact:
0485 282 3349
9072 212 200 / 9072 212 201

Website: www.igcas.org
Email: arts@igmt.org



**INDIRA GANDHI
COLLEGE OF
ARTS AND SCIENCE**

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