

INNOVATION

THE WORLD IS A VAST OCEAN OF KNOWLEDGE AND INNOVATION IS THE LIGHT THAT GUIDES US THROUGH THE DARKNESS OF IGNORANCE.



B.Sc. Cyber Security



**CHANDIGARH
GROUP OF COLLEGES**

Building Careers. Transforming Lives.



What B.Sc Cyber Security Program is about?

CGC Landran with the inclusion of B.Sc. Cyber Security Program, has made provisions for emphasizing equally on theory and practice. The institution has maintained ultramodern ICT labs which are equipped with the latest software. The core subjects under this degree include Security strategies, optimal information security investment, Risk management, Operational security management, Security economics, and policy, etc.

Program objectives:

Besides elucidating the mainstream concepts of the domain, the degree has the objectives of:

- Instilling candidates with the apt technical knowledge via a blend of theoretical and empirical training
- Making students well-versed with the present-day demands of the domain
- Helping them adhere to the highest ethical standards
- Assisting students learn the application of technical strategies, tools, and techniques to protect information & systems.

The protection of data and privacy on computer systems in the modern world has become of utmost importance. With the incessant online threats, establishing a cyber security cell has become a prerequisite. In the wake of this, CGC Landran has included a three-year B.Sc. Cyber Security degree among its programs. The degree has been approved by AICTE and is affiliated with I.K. Gujral Punjab Technical University.





Program outcomes:

The conclusion of this degree will help candidates in:

- Developing the ability to read & analyze compound and complex computational problems and provide solutions using the right technology
- Recognizing and understanding the job roles related to this domain
- Confidently undertaking the tasks and completing them in the desired timeframe.
- Analyzing the prospect of online threats and risks to the businesses.

Career Opportunities:

In every organization which is data-driven and has its presence online, Cyber security professionals are a must. Depending on the experience and expertise, the candidates can work on the following job posts:

- Chief Information Security Officer
- Security Auditor
- Security Manager
- Vulnerability Assessor
- Security Software Developer
- Security Architect
- Security Engineer
- Cryptographer

DURATION: THREE YEARS



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Landran, Kharar-Banur Highway, Sector 112,
Greater Mohali, Punjab 140307



+91 95921 04444, 95921 14444, 95921 24444
Admission Helpline: 0172 3984200, **Fax:** 0172 3984207



Toll Free: 1800 200 3575



95922 14444



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company/cgcpunjab



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user/CGCPunjab2001