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Post Graduate Program in
**Cyber Security &
Ethical Hacking**

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Course Description

Welcome on board Skill School dynamic PGP in Cyber Security and Ethical Hacking course that will elevate your skills and tactics for combating digital threats. Skill School's comprehensive PGP in Cyber Security and Ethical Hacking is an ideal opportunity for those who wish to build a future-proof career. Our online education will equip you with industry-graded skills, the latest tools and technologies, practices and concepts in Cyber Security. With this program, you can add cutting-edge advantages to your profile and take your profession to the next level. Learners can expect to gain the mastery of ~~cyber~~ safeguarding organizations from threats and develop an unbeatable career trajectory in IT with a PGP in Cyber Security and Ethical Hacking from Skill School. Learn from our expert professionals, connect with industry experts develop hands-on skills and be ahead of the curve.

Our program is highly immersive and interactive, with one-on-one engagement allowing a personalized pace of knowledge and skills acquisition with a practical approach. The curriculum has been formulated meticulously, well-researched and in alignment with the industry's most recent trends. You will gain exposure to hands-on experience through Capstone projects and case studies.

Get Ready for a Thriving Career



12.3% CAGR expected for Global market rate between 2023 and 2030



\$128,870 average range of a Cyber Security professional salary



Projection of 18% growth in employment for 2014-24



50% more salary in IT skills than for other American jobs in the private sector



One of the top five skills on Global job demand in 2024.

Skill School Impact & Reach



250000+
Users



4 Million+
Hours of Learning Delivered



10
Top Ranked Programs



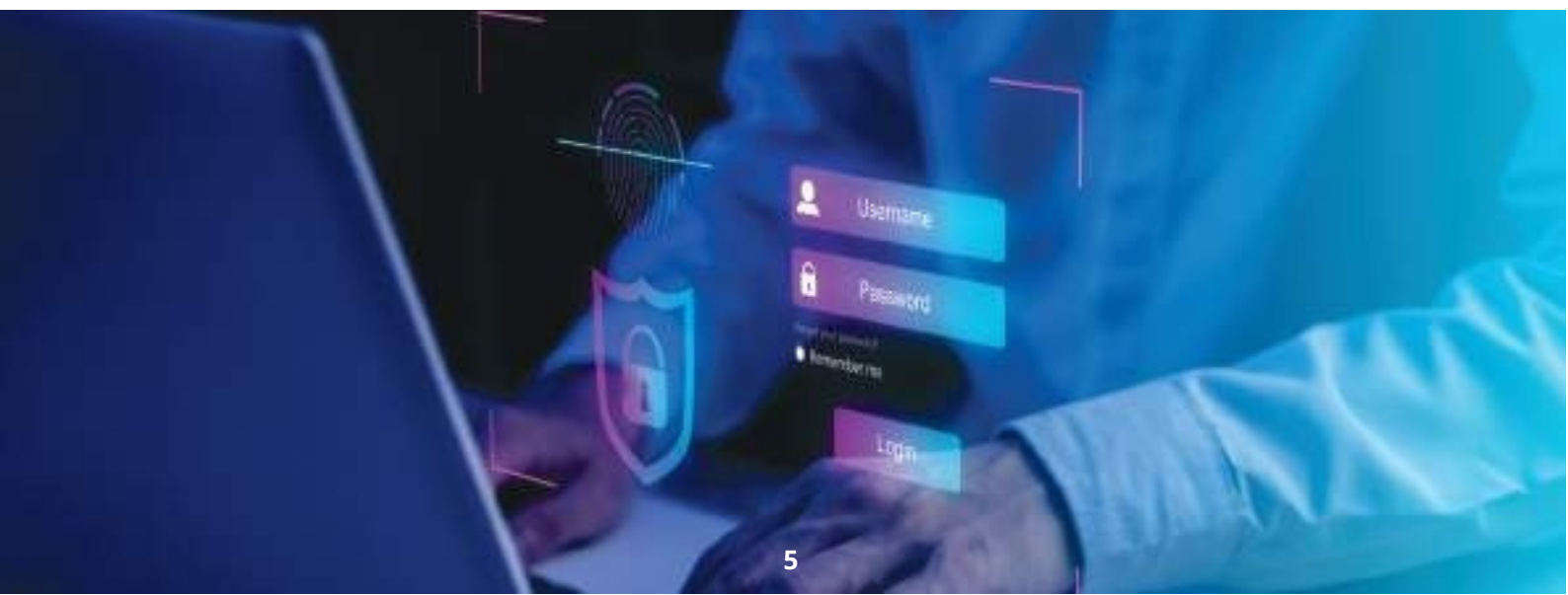
25+
Globally Renowned Cyber Security Faculty

PG Program in Cyber Security and Ethical Hacking

The 21st-century digital landscape is marked by a growing number of cyber attacks. Data proliferation, increased use of digital devices, and disruptive innovations are all vulnerable to the sophisticated invasion of cyber attacks, leading to the gross demand for proficient practitioners and professionals in Cyber Security. We welcome early career professionals in IT/ Engineering/Technology/ Business and students seeking a career in IT as Cyber security specialists, to this program. The course is also open to any bachelor's degree holder with a passion for cybersecurity technologies.

Program Features

- ✓ 9 Months Program
- ✓ Online-live sessions with Industry Experts
- ✓ Personalized progressive Learning
- ✓ Industry-graded and Market-Ready Skills
- ✓ Capstone Projects to pitch potential employment
- ✓ Ideal for Professionals and Freshers
- ✓ Expert and Industry-experienced Trainers
- ✓ Earn certification without a halt in your job



Why Cyber Security and Ethical Hacking?

Gain the mastery to independently investigate and analyze target systems and vulnerabilities from a hacker's perspective and suggest remedial measures

Conduct investigations and analyses of the target systems to identify any security or system vulnerabilities from the hacker's point of view and suggest a remedy

Be an instrument in building and implementing a state-of-the-art network capable of withstanding any security breaches

Become a leader and aid government agencies in their measures of safeguarding infrastructures and information critical for your country

The global market for Cyber Security is to grow at 12.3% CAGR between 2023 and 2030 thereby projecting a higher number of job generation



The Objective of PGP in Cyber Security Certification Training

The program will give high-impact results with our graduating students having attained competencies in varied areas.

- ✓ Ability to secure data and information security by using advanced strategies , technique s, an d tools.
- ✓ Mitigate risk by using advanced security policies and processes.
- ✓ Mastery of numerous tools and techniques of hacking and advanced technica lskills in cyb ersecuri ty an d Ethic al hacking.
- ✓ Comprehensive knowledge and understanding o f network security ,penetration testin g,Cryptograph y, Netwo rk attack s, syste m hackin g, vulnerabili tyassessmen t, cryptograph y, secu re codin g practice s, an d oth er releva nt technic alskills.
- ✓ Proficie nt in conductin g ethic al hackin g activities.
- ✓ Potentia lto identify vulnerabilities and security weaknesses in compute rsystems , network s, an d application s, an d be
- ✓ Proficien ta t utilizing appropriate tools and techniques to exploi t and analyze them.
- ✓ Expertise in assessing the security posture o f organizations and systems .
- ✓ Knowledge o f compliance and relevan t lega l regulations and industry standards.



Program Highlights



Online Program

- 9-month s (80 Hour s)progr am
- Online Lab Sessions
- Highly Experienced Faculty



Collaborations

- Collaboration with many eminent Universities and Organisations
- Global Recognition
- Partnerships with top industries



Become job-ready

- Real-world case studies to build practical skills
- Hands-on exposure to Cryptography, Network attacks, system hacking, vulnerability assessment, cryptography, secure coding practices
- Learn and upgrade with industry insights on the latest AI tools and innovations



Career Support & Guidance

- Career guidance and mentorship by faculty and industry leaders
- Resume review and interview preparation sessions
- Training in building remarkable profile and portfolio

Why SkillSchool?



253851+
Users



4 Million+
Hours of Learning Delivered



10
Top Ranked Programs

You can join many cybersecurity courses online, the premiere of which is PGP in Cyber Security. At Skill School, the professional course offers a lot more than what other ed-tech companies and institutes are doing. It offers profound learning modules for advanced courses that in turn match and meet the expectations of a modern technical world. Here, you can find all updated skills in Cyber Security.

- ✓ Cryptography
- ✓ Cybersecurity
- ✓ Risk Assessment
- ✓ Cyber Defense
- ✓ Cyber Attacks
- ✓ Information Security (INFOSEC)
- ✓ Denial-Of-Service Attack (DOS)
- ✓ Public-Key Cryptography

If we talk more generally, then professionals and students choose us mainly because we:

- ✓ We see and understand what is emerging in the market, what is new
- ✓ We design a course curriculum that all together creates a better learning environment and experience
- ✓ We formulate our learning methodology after looking at the needs of new-day students. Besides, we update it accordingly
- ✓ The live sessions are recorded for revisitation. They are available at the LMS portal
- ✓ If students have any course-related problems and queries, they can visit the LMS portal, and watch the recorded sessions for a course and lesson clarity
- ✓ We focus on both practical and theoretical aspects of training

Who Should Enroll in this Program?

This training program aids those who are expecting to enter the sphere of Cyber Security or want to upgrade their skill sets, expertise, and competencies, as they are designed to fit in multiple professional backgrounds.

Maintained Prerequisites:

The students who join the professional course at Skill School must need -

- ✓ A three-year full-time bachelor's degree. The degree must be in Technology, and Engineering - B.Tech, BS, or BE. the student must have a passing score of a minimum of 50%.
- ✓ Learners who have completed BCA, MCA, B.Sc in Information Technology (IT) are qualified and eligible for the degree.
- ✓ No upper age limit for learners - professionals can join in the professional course regardless of their age.

Cyber Security Career Pathway





Course Delivery

- ✓ The live sessions are given by mentors and academic experts. As global experts, they have exceptional teaching experience in the field of Cyber Security.
- ✓ The Classroom Training is more practical than theoretical. Hands-on training and hands-on theory are stressed upon.
- ✓ We create a better learning environment, where healthy interactive sessions are created.
- ✓ We have a structured course curriculum. The trainers abide by it and ensure effective delivery, which was a great memory recall for the learners.
- ✓ We work towards cementing the base concepts and theories.

Benefits of PGP in Cyber Security Training Online at Skill School

- | | |
|---|--|
| ✓ Better Career Scope | ✓ Job Security |
| ✓ High Salary | ✓ Emerging Leadership Skills |
| ✓ Financial Motivation and Incentives | ✓ Hands-on Exposure to Practical Projects. |
| ✓ Solving Complex Industry Problems. | ✓ Working on Various Case Studies. |
| ✓ Bettering Career Support and Industry Exposure. | |

PROGRAM CURRICULUM

- **Module 1-** FUNDAMENTAL OF CYBER SECURITY
- **Module 2-** NETWORKING FUNDAMENTAL
- **Module 3:** LINUX FUNDAMENTALS
- **Module 4:** INTRODUCTION TO ETHICAL HACKING
- **Module 6:** FOOTPRINTING AND RECONNAISSANCE
- **Module 6:** SCANNING NETWORKS
- **Module 7:** ENUMERATION
- **Module 8:** SYSTEM HACKING
- **Module 9:** MALWARE THREATS
- **Module 10:** NETWORK ATTACKS
- **Module 11:** SOCIAL ENGINEERING
- **Module 12:** DENIAL-OF-SERVICE
- **Module 13:** HONEYPOTS
- **Module 14:** HACKING WEB SERVERS
- **Module 15:** HACKING WIRELESS NETWORKS
- **Module 16:** CRYPTOGRAPHY

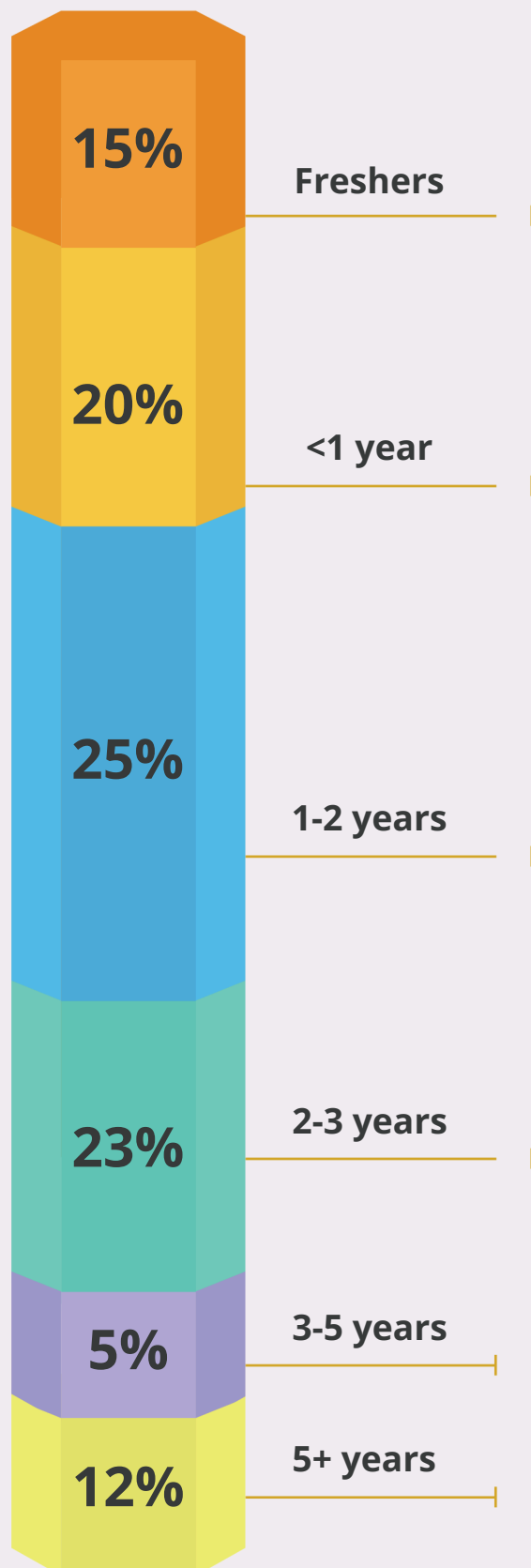
CAPSTONES PROJECTS

Industry Highlights & Roles Offered

- ▼ **Chief Information Security Officer - CISO**
- ▼ **Security Architect**
- ▼ **Cybersecurity Engineer**
- ▼ **Malware Analyst**
- ▼ **Penetration Tester**
- ▼ **Computer Forensics Analyst**
- ▼ **Application Security Engineer**
- ▼ **Cloud Security Specialist**

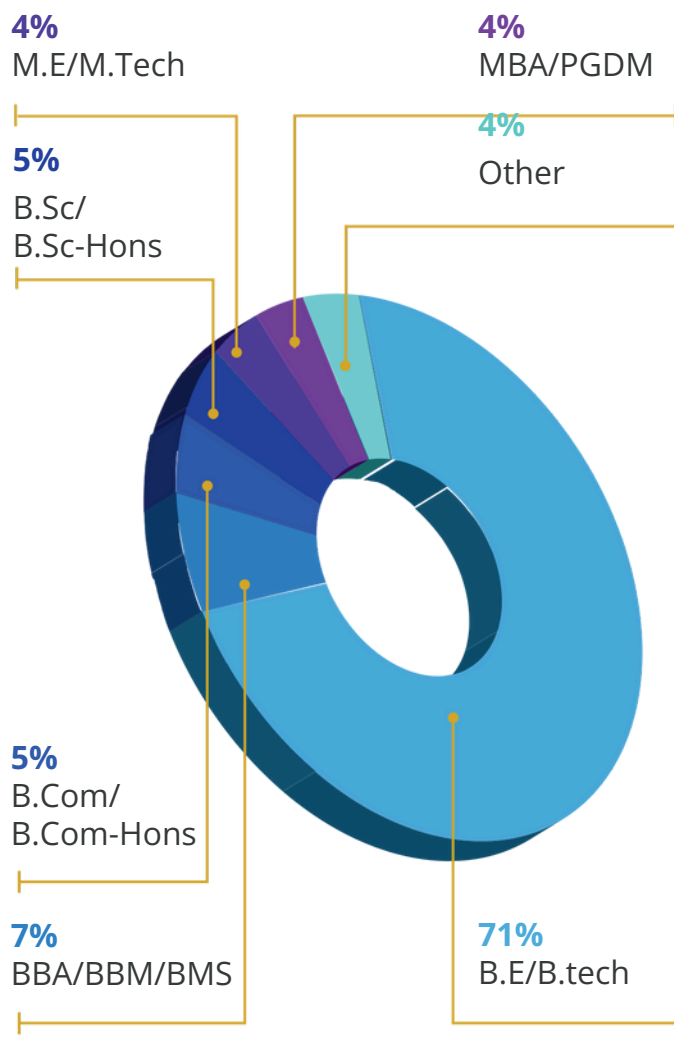
Cyber Security & Ethical Hacking Batch Profile

Experience Distribution

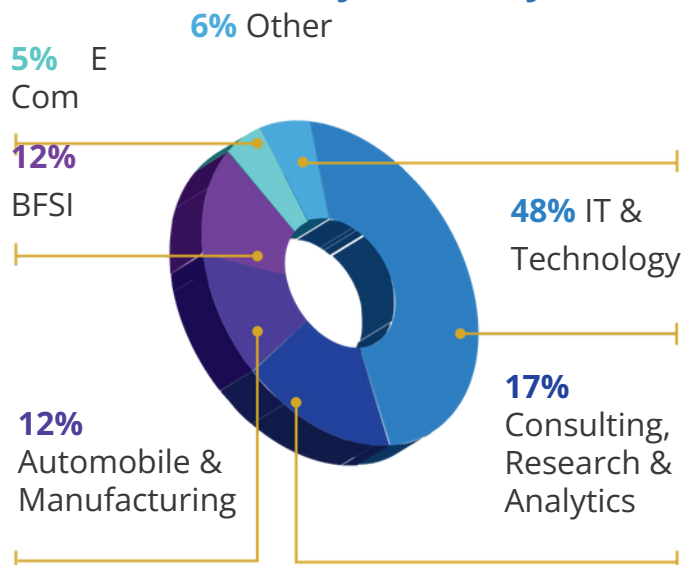


Our students include freshers and experienced professionals from across industries, functions and backgrounds.

Educational Background



Industry Diversity



SELECTION PROCESS



Apply by filling a simple online application form



Admissions committee will review and shortlist.



Shortlisted candidates need to appear for an online aptitude test.



Screening by Faculty/ Industry Experts



About US

Skill School mission is to make professionals proficient and future-ready. Its programs focus on the next frontier of growth in industry and currently straddle across Analytics, Data Science, Big Data, Machine Learning, Artificial Intelligence, Deep Learning, Cloud Computing and more. Skill School uses technology, high-quality content, and industry collaboration to deliver an immersive learning experience that helps candidates learn, apply, and demonstrate their competencies. All programs are offered in collaboration with leading global universities and are taken by thousands of professionals every year to secure and grow their careers.



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