



MERITSHOT

**POST GRADUATE PROGRAM
IN CYBER SECURITY**

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Know your way around the PGP In Cyber Security

Have you ever thought about what malwares, spyware, ransomware, and other viruses and worms can do to your IT and cyber web system? It's time you think about it now and obtain enough knowledge to fight cyber attacks with our PGP in Cyber Security certification!

Course Description

The PGP in Cyber Security program is designed to educate the new learners about comprehensive approaches for securing and protecting data, that can prodigiously and with considerable effect harm and devastate the whole base of an IT structure. Time taken will be - just a few seconds, the damage will be - unrecoverable costing millions and even billions to the businesses and its owners! Thus, here, we understand how seriously the course is growing in popularity, coping with the demands of unskilled employees in the domain of Cyber Security.

The Cyber Security training online, at **Meritshot**, is developed to emphasize building skills and caliber that suits the Cyberworld outside. It centers on safeguarding data, analyzing potential risks, reduction of risks, cloud-based security, and compliance. The course offers an escalating slope of skills for its learners and professionals. Here, we start with the basics and reach advancing skills for a better, updated, enhanced, and superiorly finer knowledge building like none other.

In this Cyber Security certification, you get to learn with Cyber experts and mentors who have a pool of knowledge, valued experience, and practical agency. They guide you in the right way - to cluster all the information, allowing you to learn, and understand cyber data which will help you solve the toughest problems in the domain of Cyber Security

Why PGP in Cyber Security?

The Post Graduate Program (PGP) in Cyber Security course is in huge demand today. This is because people and professionals alike, want to know how cybercrimes occur, run upon influential and important data, and thus, are so much capable of destroying a world that is dominated by the web and technology!

Professionals want to know how they can get the best-paying jobs in the sector, while they prepare themselves for eradicating cybercrime by enrolling in the best Cyber Security professional certification course online

There are so many courses available for the aspirants, currently, that making a wise decision after scrolling down the list of multiple Cyber Security certifications, is indeed tough!

At Meritshot, we design a course that works on all relevant industry skills, the ones that are in demand by the top employer companies, and help you gain the right vision, and the right track in your career. Here, we build upon skills like:

- ✔ **Authentication**
- ✔ **Identification**
- ✔ **Internet governance - Its many Challenges and Restrictions**
- ✔ **Cyber Threats - Cyber Warfare - Cyber Crime - Cyber Terrorism**
- ✔ **Cyber Security Policies**
- ✔ **What is the International Convention on Cyberspace?**
- ✔ **What is Nodal Authority?**

If a learner makes a concentrated effort to understand the course material and the learning modules, s/he can pass the course easily. Also, the course is not difficult. It is easy for you if you have the required dedication and the best Cyber Security certification to enroll in. To have a proper understanding and grasp of Cyber Security, an individual learner must find a suitable certification that can prepare him/her professionally by clearing all emerging doubts and problems.

The Objective of PGP in Cyber Security Certification Training

The professional certification course has certain marked objectives. It works towards working on course-related ideas that help learners become extraordinary and thus, aspire and intend them to be so much more! The PGP in Cyber Security course has the following objectives:

- ✔ Introducing students and learners to various types of cyberattacks. These include Unix kernel hacks, Trojan horses, and Internet worms in software utilities.
- ✔ Overview about countermeasures for cyber attack - cryptography, canonical schema, etc.
- ✔ Understanding cyber threat and detection - firewalls and other systems that help stop exoteric intrusions.
- ✔ Knowing how to protect infrastructure - securing enterprises and their web-oriented infrastructures by theoretically understanding and practically gaining hands-on experience on the software.
- ✔ Acknowledging how Information Security (INFOSEC) and Denial-Of-Service Attack (DOS) works.

These major points and objectives are emphasized upon more often in the course so that students know what are their academic goals and how can they be achieved in the duration of this professional certification.

Salary Trends

In the Domain of Cyber Security,

With 2 years' experience -
You get 15 LPA.

With 2 to 3 years' experience -
You get 20 LPA.

With 5 to 8 years' experience -
You get 35 - 40 LPA.

Why Meritshot?



253851+
Users



4 Million+
Hours of Learning Delivered



10
Top Ranked Programs



200+
Hiring partners

You can join many cybersecurity courses online, the premiere of which is PGP in Cyber Security. At Meritshot, 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. Primary of these are:

- ✓ 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 Meritshot 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



Program Highlights



350 Hours Live Online Training.



Delivery of Student Academic Material, Learning Notes, and Sample Papers.



24/7 guidance for students. Students can revisit the LMS portal for recorded live sessions to clear doubts and queries that come up in their way.



Live Sessions and Classroom Training.



Hands-on Training Experience.



Multiple Simulation Exams.

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 follow it and entertain the trainees. The sessions are produced for long-term effects.
- ✓ We work towards cementing the base concepts and theories.

Benefits of PGP in Cyber Security Training Online at Meritshot

- ✓ 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** Introduction of PGP Cyber Security Program
- ▶ **Module 2** What is Cybersecurity?
- ▶ **Module 3** Introduction to Linux
- ▶ **Module 4** Text Processing using GREP, SED, and AWK
- ▶ **Module 5** Introduction to Ethical Hacking
- ▶ **Module 6** Footprinting and Reconnaissance
- ▶ **Module 7** Scanning Networks
- ▶ **Module 8** Enumeration
- ▶ **Module 9** Vulnerability Analysis
- ▶ **Module 10** System Hacking
- ▶ **Module 11** Malware Threats
- ▶ **Module 12** Sniffing
- ▶ **Module 13** Social Engineering
- ▶ **Module 14** Denial-of-Service
- ▶ **Module 15** Session Hijacking
- ▶ **Module 16** Evading IDS, Firewalls, and Honeypots
- ▶ **Module 17** Hacking Web Servers
- ▶ **Module 18** Hacking Web Applications
- ▶ **Module 19** SQL Injection
- ▶ **Module 20** Hacking Wireless Networks

PROGRAM CURRICULUM

- ▼ **Module 21** Hacking Mobile Platforms
- ▼ **Module 22** IoT Hacking
- ▼ **Module 23** Cloud Computing
- ▼ **Module 24** Cryptography
- ▼ **Specialization 1** Security and Risk Management
- ▼ **Specialization 2** Asset Security
- ▼ **Specialization 3** Security Architecture and Engineering
- ▼ **Specialization 4** Communication and Network Security
- ▼ **Specialization 5** Identity and Access Management (IAM)
- ▼ **Specialization 6** Security Assessment and Testing
- ▼ **Specialization 7** Security Operations
- ▼ **Specialization 8** Software Development Security
- ▼ **Specialization 9** Information Systems Auditing Process
- ▼ **Specialization 10** Governance and Management of IT

Cyber Security - Capstone Project

This CyberSecurity capstone project will give you an opportunity to implement the skills you learned throughout this program. Through dedicated mentoring sessions, you'll learn how to solve a real-world, industry-aligned problem. This project is the final step in the learning path and will enable you to showcase your expertise in Cyber Security to future employers.

- ✔ Network based Intrusion Detection System (NIDS)
- ✔ Host-based Intrusion Detection System (HIDS)
- ✔ Memory Forensic
- ✔ Honeypot
- ✔ Secure Inventory Management
- ✔ Application Communication Protocol Testing Tool
- ✔ Application Control
- ✔ Device Control

Tools you will Master
















Main Languages, Tool, and Standards/Frameworks that you will learn to become top cybersecurity professional



Hiring Partners

OUR MEDIA COVERAGE

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 the Program

Have enough knowledge to fight cyber-attacks like malwares, spyware, ransomware, and other viruses? If no, then this PGP in Cyber Security course is the best for you to join.

Start your career with our Post Graduate Program (PGP) in Cyber Security and provide your career the real upliftment. This program is an amalgamation of practical, theoretical knowledge, and case studies, that evolve you even more!



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