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COURSE NAME: SECURITY OPERATION TRAINING

Visit our website for Course Fees and Course Duration

Placement Eligibility:

Eligible: Any Bachelor Degree, Any Master Degree, MBA

No Eligible: Diploma

Class Mode:

Classroom | Online | Recorded Session | AI Session

If you have Completed Course, You want only Placements
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Training Partnership with   *Placement Partnership with*

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GST No: 33ABAFG2025J1ZV **Website:** www.getintech.in **Email:** enquiry@getintech.in

SECURITY OPERATIONS SYLLABUS

Introduction to Security Operations
- **Overview of security operations roles and responsibilities**
- **Understanding the security operations lifecycle**
- **Introduction to security frameworks and standards (e.g., NIST, ISO/IEC 27001)**

Incident Response Fundamentals
- **Introduction to incident response (IR) principles and procedures**
- **Incident detection, classification, and prioritization**
- **Incident response phases: Preparation, detection, containment, eradication, recovery, and lesson learning**

Security Information and Event Management (SIEM)
- **Introduction to SIEM technologies and capabilities**
- **Log management, aggregation, and correlation.**
- **Using SIEM for real-time threat detection and response**

Threat Intelligence and Threat Hunting
- **Understanding threat intelligence sources and feeds**
- **Threat intelligence analysis and dissemination**
- **Introduction to threat hunting techniques and methodologies**

Vulnerability Management
- **Overview of vulnerability management lifecycle**
- **Vulnerability scanning, assessment, and prioritization**
- **Patch management strategies and best practices.**

Security Automation and Orchestration
- **Introduction to security automation and orchestration (SAO)**
- **Benefits of SAO in security operations**
- **Implementing automation workflows for routine security tasks**

Security Incident Handling and Forensics

- **Advanced incident handling techniques**

- **Digital forensics principles and methodologies**

- **Conducting forensic investigations and evidence preservation**

Advanced Threat Detection and Response

- **Leveraging threat intelligence for advanced threat detection**

- **Behavioral analytics and anomaly detection**

- **Endpoint detection and response (EDR) solutions**

Cloud Security Operations

- **Security considerations in cloud environments**

- **Cloud security monitoring and incident response**

- **Best practices for securing cloud infrastructure and services**

SecOps Best Practices and Emerging Trends

- **Implementing a SecOps culture and organizational alignment**

- **Continuous improvement and maturity models (e.g., SOC 2)**

- **Emerging trends in security operations: AI/ML, zero trust, DevSecOps**