



Ministry of Micro, Small and Medium Enterprises,  
Government of India



**MSME TECHNOLOGY CENTRE, BENGALURU**  
**MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES, GOVT. OF INDIA**  
KIADB Industrial Estate, Devanahalli, Bengaluru  
<https://www.msmetcblr.org/>

## **BRIEF DESCRIPTION OF TRAINING PROGRAMME**

### **CYBER SECURITY & DIGITAL FORENSICS**

#### **LIVE INTERACTIVE SESSION**

**Module 1: Cyber security fundamentals: Importance of Cyber security, The CIA triad, Vulnerability, Threat, risk, cognitive cyber security, cyber threat landscape, Firewalls, IDS, IDPS, Web application firewalls, Attack life cycle**

**Module 2: Types of hackers, Introduction to Kali Linux, features of Kali Linux, Some common networking commands, Information gathering tools, Social Engineering tools, password cracking tools, Spoofing and sniffing tools, Metasploit, Kali Linux for forensics, Stressing tools, website testing**

**Module 3: Vulnerability assessment, types, penetration testing, Steps To Conduct a Vulnerability Assessment, vulnerability assessment scanners, Introduction to OWASP, OWASP vulnerabilities**

**Module 4: Cyber laws, Need for cyber laws, Cyber crimes, Cyber laws in the world, Issues and challenges, Global response to cyber laws, Indian response to cyber laws**

**Module 5: Digital forensics: Data forensics, Cloud forensics, Android/mobile forensics, network forensics, Anti forensics, Challenges & Concerns**

## **Advantages of Cyber Security**

**Protection of Sensitive Data**

**Business Continuity**

**Compliance with Regulations**

**Enhanced Customer Trust**

**Competitive Benefit**

**Early Detection and Response**

**Intellectual Property Protection**

**Reputation Protection**

**Enhanced Collaboration**

**Remote Work Security**

**Protection of Corporate Interests**

**Date-17 & 18 February and 24 & 25 February 2024 (4 Days) Time: 6 PM TO 8 PM**

**1) Course Fee: Rs. 3000/- (Study material in softcopy shall be provided)**

**FOR MORE DETAILS PLEASE CONTACT:**

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**Website: <https://www.msmechblr.org/>**