SUMMER SCHOOL 5.0

This Summer, Build What Others Scroll!

AGE GROUP: 15 - 18

Module:
CYBER SMART BOOTCAMP

IBA | 70 YEARS & BEYOND
Leadership • Excellence • Impact

IBA CICT
Center for Information & Communication Technology

Summer School 5.0 Module:
CYBER SMART BOOTCAMP

15 – 18 Years | 10 Days | 100% Hands-On | Industry-Ready Skills

The Cyber Smart Bootcamp is an immersive, hands-on program that introduces teenagers to the foundations of cybersecurity, safe digital behavior, and ethical hacking concepts. Students don't just learn theory—they practice cyber safety, simulate attacks, defend systems, and build a Cyber Safe Project

Phase 1:
Cybersecurity Foundations & Safe Digital Life

Phase 2:
Passwords, Systems & Malware Protection

Phase 3:
Cyber Attacks, Prevention & Ethical Hacking Basics

Phase 4:
Data Privacy, Cyber Laws & Cybercrime Awareness

Phase 5:
Cyber Defense Tools, Careers & Capstone Project

PROGRAM STRUCTURE

Duration:
10 Days (40 Hours)

Daily Duration:
3-4 Hours

Mode:
Onsite

FEE STRUCTURE

Total Fee:
Rs. 85,000 (+3% SST)

Early Bird Discount:
25%

Sibling Discount:
25%

METHODOLOGY:

- Live demos
- Tool-based practice
- Group work
- Real brand examples
- Step-by-step capstone project

LEARNING OUTCOMES

Participants will:
- Practice safe internet behavior
- Secure their devices & data
- Recognize and prevent cyber attacks
- Understand ethical hacking basics
- Learn cyber laws & digital ethics
- Explore cybersecurity career paths
- Build confidence in digital defense

10-DAY BOOTCAMP STRUCTURE

Phase	Day Break-Up
PHASE 1: CYBERSECURITY FOUNDATIONS & SAFE DIGITAL LIFE	**DAY 1 & 2:** Build Awareness Before Defense **Topics Covered:** • Cybersecurity Foundations • What is cybersecurity? • Why cyber security matters today • Types of cyber threats • Safe Internet & Social Media Use • Digital footprints • Privacy settings • Social engineering & scams **Hands-On Activities:** • Analyze real cyber incidents (age-appropriate) • Set privacy controls on sample social profiles • Identify fake vs real online messages **Output:** Personal Cyber Safety Checklist

10-DAY BOOTCAMP STRUCTURE

Phase	Day Break-Up

PHASE 2:
PASSWORDS, SYSTEMS &
MALWARE PROTECTION
	DAY 3 & 4: Secure the Basics First
	
	Topics Covered:
	1. Strong Passwords & Secure Systems
	   ○ Password best practices
	   ○ Password managers
	   ○ Two-factor authentication
	2. Malware & Digital Threats
	   ○ Viruses, ransomware, spyware
	   ○ How malware spreads
	   ○ Safe downloads & browsing
	
	Hands-On Activities:
	• Create strong password systems
	• Simulate weak vs strong password attacks (safe demo)
	• Scan and clean test systems using security tools
	
	Output: Secure Device Setup Plan

PHASE 3:
CYBER ATTACKS,
PREVENTION & ETHICAL
HACKING BASICS
	DAY 5 & 6: Think Like an Attacker to Defend Better
	
	Topics Covered:
	1. Cyber Attacks & Prevention
	   ○ Phishing, brute force, DDoS (conceptual)
	   ○ Prevention strategies
	2. Ethical Hacking Fundamentals
	   ○ What is ethical hacking?
	   ○ White hat vs black hat
	   ○ Legal and ethical boundaries
	
	Hands-On Activities:
	• Phishing email identification lab
	• Network security simulation
	• Ethical hacking demos in controlled environments
	
	Output: Threat Detection & Defense Map

PHASE 4:
DATA PRIVACY, CYBER
LAWS & CYBERCRIME
AWARENESS
	DAY 7 & 8: Security with Responsibility
	
	Topics Covered:
	1. Data Privacy & Cyber Laws
	   ○ Personal vs sensitive data
	   ○ Data protection principles
	   ○ Overview of cyber laws (student-friendly)
	2. Cybercrimes & Ethics
	   ○ Online fraud, identity theft, cyberbullying
	   ○ Reporting cybercrime
	   ○ Ethical digital behavior
	
	Hands-On Activities:
	• Case study analysis
	• Role-play: Ethical vs unethical decisions
	• Create a cyber ethics pledge
	
	Output: Cyber Law & Ethics Awareness Poster

10-DAY BOOTCAMP STRUCTURE

Phase	Day Break-Up

PHASE 5: CYBER DEFENSE TOOLS, CAREERS & CAPSTONE PROJECT	**DAY 9 & 10:** Apply, Build & Present
	
	Topics Covered:
	1. Cyber Defense Tools & Career Paths
	  ◦ Antivirus & firewall tools
	  ◦ SOC basics
	  ◦ Cybersecurity career roadmap
	2. Cyber Safe Capstone Project
	  • Identify a cyber risk
	  • Design a safety solution
	  • Create awareness material
	
	Hands-On Activities:
	• Use basic cyber defense tools
	• Build a Cyber Safe Project:
	  ◦ School cyber safety plan
	  ◦ Anti-phishing awareness campaign
	  ◦ Secure device guide
	• Final presentations & feedback
	
	Output: Cyber Safe Project Presentation

REGISTRATION PROCESS

Step No	Enrollment Procedure
Step 1	Online form registration through website
Step 2	Registration fee voucher receiving through email
Step 3	Registration Fee Voucher payment through bank/ online.

CLICK HERE TO REGISTER

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