

# *data*64

Techno Solutions Pvt. Ltd.

(Incubated by Science & Technology Park)

An Initiative of Department of Science & Technology,  
Government of India

**Data64 Techno Solutions Pvt. Ltd**  
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## About Us

Data64 Techno Solutions Pvt. Ltd. is an innovative educational organisation that develops, evaluates and disseminates programs that foster intellectual development and career enhancement. Headquartered in Pune, the educational capital of India, Data64 provides cutting edge courses in the field of Information Technology with specific focus on cyber crime investigation and cyber security.

Data64 is a company **Incubated by the Science & Technology Park, Department of Science & Technology, Government of India.**

Starting a **Data64 Authorised Admission Center (AAC)** is a highly lucrative opportunity for entrepreneurs and IT professionals. The center can enable you to provide cutting edge technology courses to a huge audience via **distance mode education.**

At Data64, we constantly endeavor to provide the best possible learning experience to our students by facilitating access to the latest information, tools, discussion forums and knowledge sharing platforms.

Amongst several other **achievements**, Data64 officials have:

- ◆ Assisted the Government of India in **framing rules under the Information Technology Act, 2000.**
- ◆ Authored and published several books of international repute including the **Cyber Crime Investigation Manual.** Times of India, the world's largest selling English newspaper, referred to the Manual as a **bible for cyber crime detectives.**
- ◆ Handled over **7000 incidents** of hacking and computer crime.
- ◆ Conducted **training programs** on Cyber Crime Investigation, Information Security and Hacking for **senior Government and Police officials** from several countries.

At Data64, we aim to revolutionize the way education is delivered.

## **Data64 Authorised Admission Center (AAC)**

A **Data64 Authorised Admission Center (AAC)** can enable you to provide cutting edge technology courses to students and working professionals via **distance mode education**.

### **Advantages of Opening a Data64 AAC**

#### **1. Association with Data64 Techno Solutions**

Data64 is a company incubated by the Science & Technology Park, Department of Science & Technology, Government of India. Data64 provides people across all ages and professions with the opportunity to learn and receive training in the field of cyber crime investigation and cyber security. Being one of the pioneering institutions in this field, you will be part of a group that offers one-of-its-kind courses to students and working professionals.

#### **2. Attractive Remuneration**

We offer one of the best remuneration systems in the industry that not only takes care of your current earnings, but also guarantees an earning for the future. What's more, you can set your own income targets with a potential to earn as much as you want.

#### **3. Rewarding Career**

You will help students realise their dreams by fulfilling their education goals. The difference you make to their lives is more rewarding and satisfying than you could ever imagine.

#### **4. Sales and Marketing Support**

The Data64 will provide innovative sales and marketing tools. The sales, promotions and marketing collaterals such as pamphlets, brochures, posters, application forms, etc. will be provided to the AAC.

## Why Data64's Courses?

a) It's **all about competition!** It's all about being the cutting edge! So if you are looking at dressing up your resume and also having a good profile on Job Networking sites like LinkedIn, then do the Data64 courses.

b) Again it's all about what happens & what to do in the real world. In the 21st century it is all about application! So we may know our subjects in theory, but the question that companies and prospective employers ask at your personal interview sessions or group discussions is '**Do you know how to apply your theoretical knowledge to real life / real time situations / cases / problems**'

c) Like we say '**Be the competition, be the Professional!**' So, when MNCs, top notch corporate houses, NGO's / non-profit organizations, government bodies & officials, entrepreneurs ask us at that clinching, nerve racking personal interview "Why must we recruit you and not your competition?" And if you're able to sit across them and simply tell them about your profile that makes you the best, that **highlights your strengths**, that talks about **your credentials**; then do the Data64 courses.

Today, companies need skilled **cyber security professionals** who are required to have the following **pre-requisite skills**:

- Knowledge of networking protocols and concepts.
- The ability to easily decipher packet captures and identify meaningful data.
- The ability to develop network testing tools.
- Experience with software security vulnerabilities, and the ability to quickly identify security issues when looking at an application's code.

So, to meet **industry requirements** you will have to learn the basics of Web Hacking & Security, the science of Forensics & the law governing the Information Technology world.

## PRE-REQUISITES: Data64 AAC

### Infrastructure Requirements

The Authorised Admission Center (AAC) is required to be located in premises that is:

- Approved for **commercial use**.
- Located in a **convenient and respectable place** with highly visible frontage, adequate electricity and water supply.
- Has a **counseling area and office space** for the students & counselor.
- Has **adequate lighting, proper ventilation** & comfortable chairs.
- In case the premises are not owned by you, it must be on a **long lease** to facilitate uninterrupted business flow.

### Manpower Requirements

- One **Center Head** to manage the operations of the AAC
- One **Counselor** for advising students

### Counselor Requirements

- The Counselor should have a **good understanding of computers** and the functioning of the Internet.
- He / She should have **working knowledge of Windows**.
- The faculty member should have **basic knowledge of HTML, SQL and PHP**.
- He/ She should be **well versed in English**; fluency in the local language would be an added benefit.

## **STEPS: Becoming a Data64 AAC**

### **1. Application Process**

- ◆ Using an **online form**, fill out the preliminary AAC application.
- ◆ Submit the completed application to Data64 Techno Solutions Pvt. Ltd.

### **2. Training of Counselor**

- ◆ Once selected as an AAC, you will undergo **training** before you can start counseling students.
- ◆ You will have to familiarize yourself with the different courses offered, the course structure, etc.

### **3. Commencement of Operations**

- ◆ You will be assigned an AAC code by Data64 Techno Solutions.
- ◆ You will **counsel students** and **secure admissions** for Data64's courses.
- ◆ The fees will be collected in the name of "Data64 Techno Solutions Pvt. Ltd" payable at Pune.
- ◆ The original application form will be submitted at the Data64 admissions office. A xerox copy of all applications forms will be retained by you.
- ◆ **Share per student** will be paid one month after the closure of every batch.

# Data64 Programmes

## **WEB HACKING & SECURITY PROFESSIONAL (WHSP)**

The Certified Web Hacking & Security Professional course covers the essential areas of web hacking including footprinting, web attacks, spoofing attacks, password breaking and live hacking case studies.

### **SYLLABUS:**

#### **Footprinting**

- Whois & DNS tools
- Analyzing email headers
- Email tracking

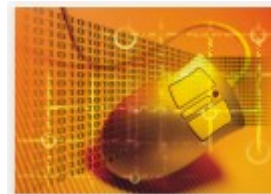


#### **Web Attacks**

- HTML, PHP, SQL basics
- SQL injections & Cookie manipulation
- Eshoplifting

#### **Spoofing Attacks**

- Configuring FTP, DNS, Web Servers
- Email Spoofing
- Phishing



#### **Password Breaking**

- Breaking file passwords
- Handling encrypted files
- Handling steganography

#### **Live Case Studies**

- Hacking an online gaming site
- Hacking a College website

#### **Security & Cryptography**

- Handling viruses, mobile code, trojans, backdoors, rootkits, etc
- Electronic Mail Security
- Creating an encrypted pen drive / hard disk partition
- Public Key Encryption

## **CYBER FORENSICS PROFESSIONAL (CFP)**

The Certified Cyber Forensics Professional course is a comprehensive advanced course that focuses on the essential areas of cyber forensics including disk forensics, file forensics, password breaking and encryption breaking.

### **SYLLABUS:**

#### **Computer Hardware, Networks and Internet**

- File Systems
- Bios & Boot Process
- Understanding Computer Networks & Software

#### **Understanding Cyber Forensics**

- Confiscation and Seizure
- Investigation Methodology
- Handling real world cases
- Setting up a Cyber Forensic & Investigation Cells

#### **Using Winhex**

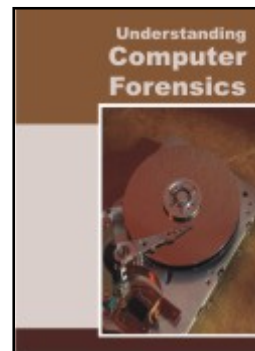
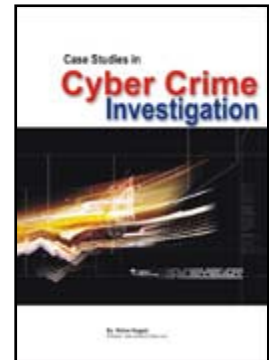
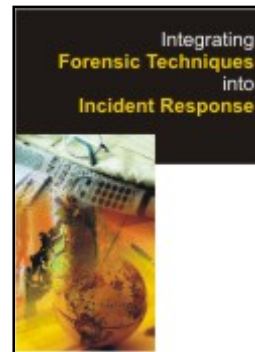
- Cloning a disk
- Mathematical authentication of data
- Recovering deleted files

#### **Advanced Cyber Forensics**

- Wiping
- Disk cloning & Imaging
- Using data from data files
- Using data from operating systems
- Using data from network traffic
- Using data from applications

#### **Real World Cases**

- Income Tax raid case
- Source code theft case
- Lottery fraud case



# INFORMATION TECHNOLOGY LAW (ITL)

The Information Technology Law course serves as a comprehensive introduction to the Indian cyber law and gives an insight into the Information Technology Act governing e-commerce, IPR & cyberspace, cyber crime law, internet fundamentals, etc.

## SYLLABUS:

### Introduction to the Internet

- How does the Internet work?
- Guide to website creation, hosting and internet security

### An Introduction to Cyber Crime

- Types of cyber crime
- International case studies

### Fundamentals of Cyber Law

- Jurisprudence of Cyber Law
- Introduction to Indian Cyber Law
- Overview of General Laws and Procedures in India

### E-commerce - Legal issues

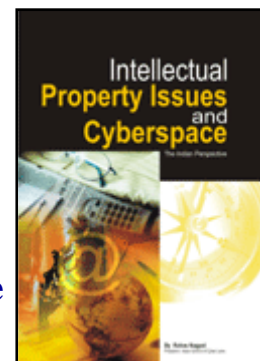
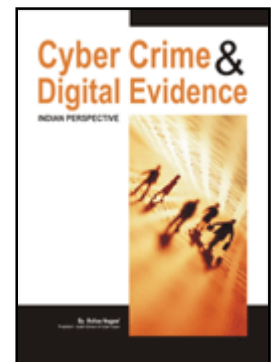
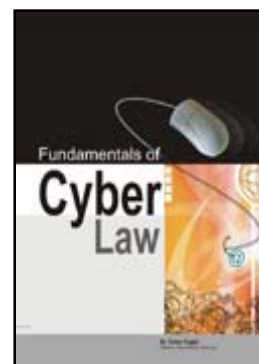
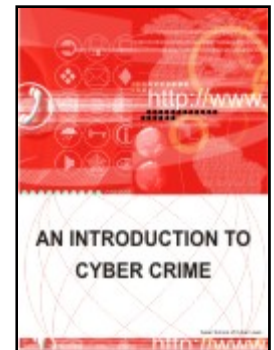
- Electronic Commerce
- Digital Signatures - technical and legal issues
- Electronic Contracts

### IPR and Cyberspace - The Indian Perspective

- Overview of Intellectual Property Legislation
- Copyright law & Cyberspace
- Trademark law & Cyberspace

### Cyber crime and Digital Evidence - Indian Perspective

- Penalties & Offences under the IT Act
- Offences under the Indian Penal Code
- Investigation & adjudication issues
- Digital evidence











## K. DOCUMENTS ATTACHED

Please provide self-signed photocopies of the following documents:

- Proof of your **identity** (e.g. passport or driving license or PAN card)
- Proof of your **educational qualifications** (e.g. Degree or Diploma certificate)

Please provide the following:

- Photographs of building / office to be used for the proposed Center
- Names, photographs and professional backgrounds of the key employees of the proposed Center e.g. Center Head, faculty members, counselors etc.

**Date**

**Signature**

### **Please send the filled in application form and documents to:**

Data64 Techno Solutions Pvt Ltd,  
1<sup>st</sup> Floor, Sigma House,  
Behind Store One,  
Senapati Bapat Road,  
Pune - 411016.  
India

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### **Need help? Contact us**

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